

# Electrical installation solutions for buildings

## Light switches and socket outlets

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# Light switches and socket outlets

A piece of design in your interior.

Discover the wide range of designs, colours, finishes and functions and find the best solutions with innovative technology. Let modern light switches highlight the individual design of your living space.

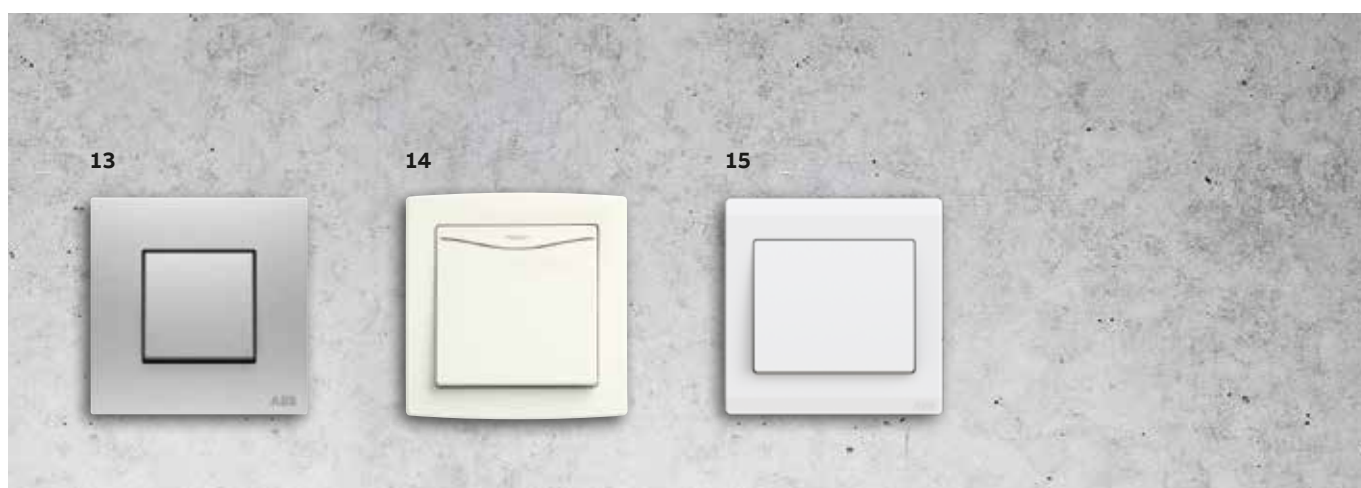
## VDE-standard



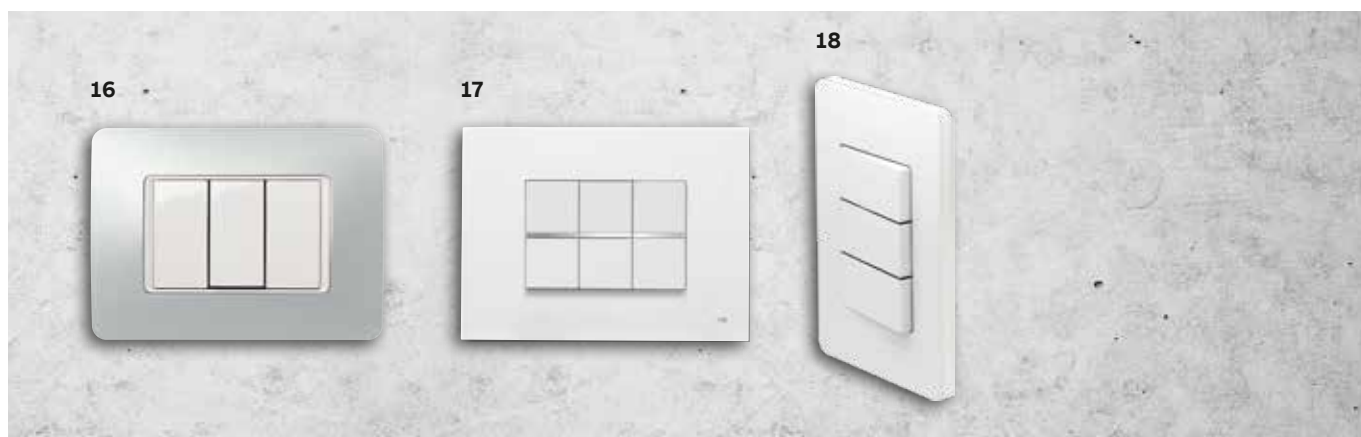
# Light switches and socket outlets

A piece of design in your interior.

## British standard



## IT-standard



01 **carat®**  
 02 **Busch-dynasty®**  
 03 **pure stainless steel**  
 04 **solo®**  
 05 **Busch-axcent®**  
 06 **Busch-axcent® pur**

07 **future® linear**  
 08 **basic55® Wavline**  
 09 **Sky Niessen**  
 10 **Impressivo**  
 11 **Swing®L**  
 12 **Zenit**

13 **Millenium**  
 14 **Concept bs**  
 15 **Inora**  
 16 **Chiara**

17 **Zenit**  
 18 **Unno**

# carat®

## Everyday indulgence.

Extraordinary and distinct design, of the highest quality. Each piece becomes a unique object of any interior. It attracts attention and that is the point. Solid frames made from bronze, polished steel or glossy glass, show immediately their real value and an exquisite owner's taste. The aesthetics, together with innovative functions make every day luxurious.

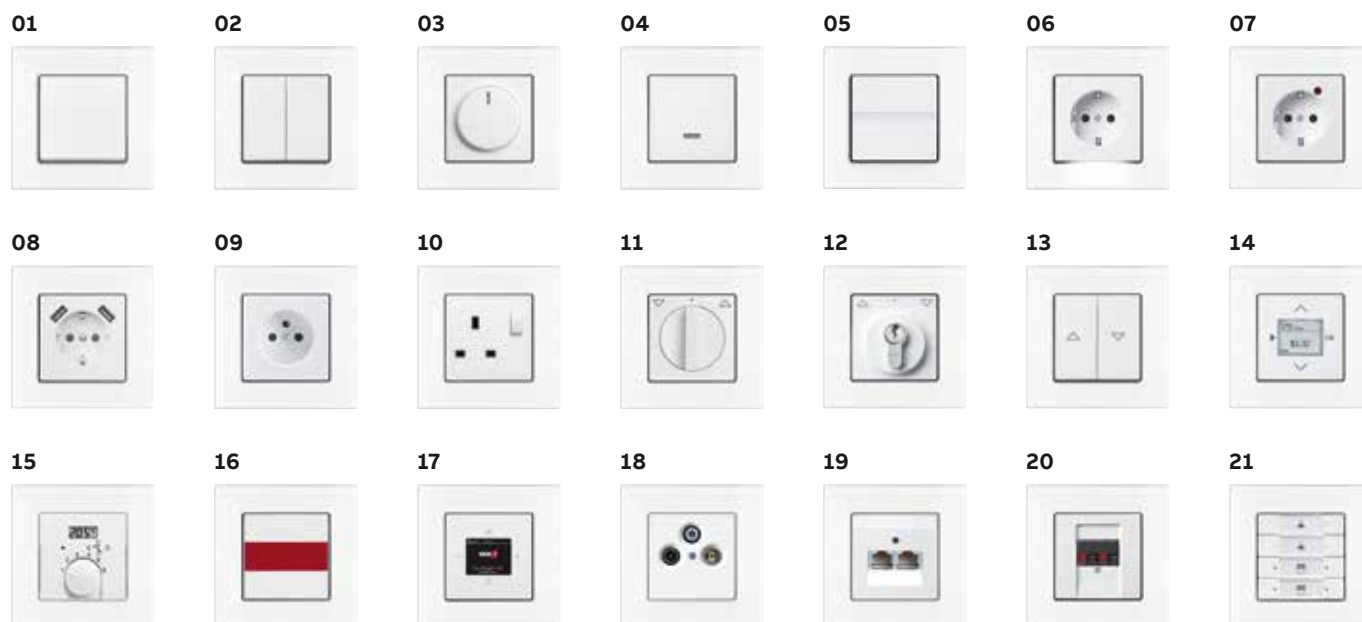


- 01 black matt / porcelain anthracite
- 02 ivory white / bronze
- 03 studio white / glass black
- 04 anthracite / stainless steel
- 05 studio white / chrome
- 06 ivory white / gold
- 07 studio white / white glass

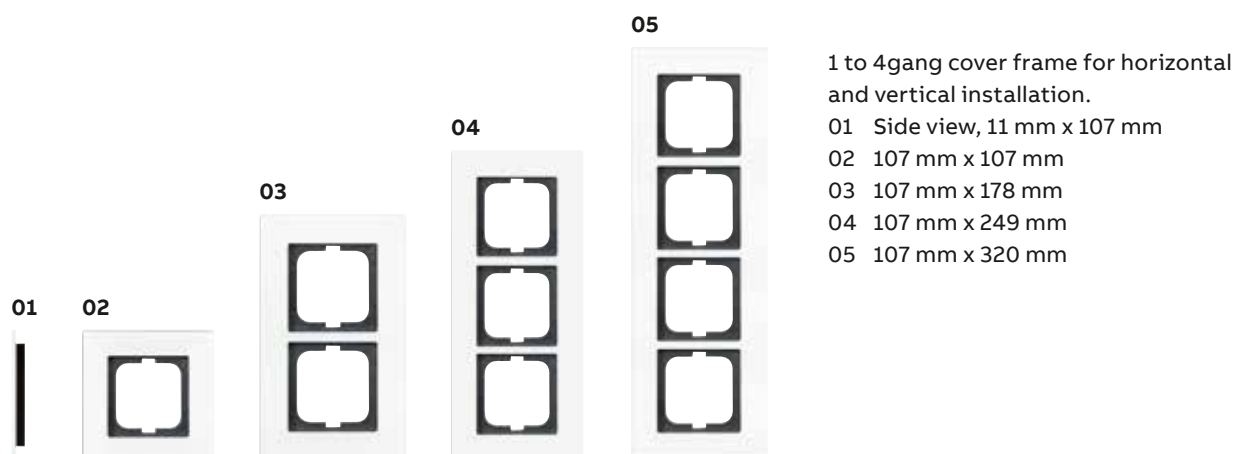
Materials  
UV-resistant, free of PVC and halogen.  
Frame: genuine materials.

**carat®**

Selected functions.



- |    |  |    |   |
|----|--|----|---|
| 01 | Rocker switch 1gang  | 12 | Busch-Blind control switch with semi-cylindrical lock   |
| 02 | Rocker switch 2gang  | 13 | Busch-Blind   |
| 03 | Busch Universal Rotary Dimmer                                      | 14 | Comfort timer   |
| 04 | Touch dimmer   | 15 | Room thermostat with display  |
| 05 | Busch-Comfort switch   | 16 | Busch-Infoline® alarm insert  |
| 06 | Busch-steplight®   | 17 | Busch-Radio DAB+  |
| 07 | Busch-Protector® SCHUKO® socket outlet with overvoltage protection | 18 | Antenna socket for radio/TV/satellite   |
| 08 | SCHUKO® USB socket outlet, 2x USB A                                | 19 | Universal data connection box   |
| 09 | Socket outlet with earthing pin                                    | 20 | Stereo loudspeaker connecting box   |
| 10 | Switched socket outlet BS standard                                 | 21 | KNX sensor, for more KNX products see part 12 of the catalogue - Intelligent Building Solutions |
| 11 | Blind switch with rotary knob                                      |    |   |



1 to 4gang cover frame for horizontal and vertical installation.

- 01 Side view, 11 mm x 107 mm
- 02 107 mm x 107 mm
- 03 107 mm x 178 mm
- 04 107 mm x 249 mm
- 05 107 mm x 320 mm



For more information about light switch ranges visit ABB global web sites.

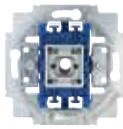


## Rocker switches / push switches


| Product  | Article-No.                         | Order-No.       | Pack/Qty |
|--|-------------------------------------|-----------------|----------|
|  <p><b>Rocker Switch Mechanism <sup>1)</sup></b><br/>           Rated voltage: 250 V~<br/>           Rated current: 10 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 100 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>1gang 2way</b>                   |                 |          |
|  | 2000/6 US-500                       | 2CKA001012A2198 | 10/100   |
|  | <b>2gang 1way</b>                   |                 |          |
|  | 2000/5 US-500                       | 2CKA001012A1150 | 10/100   |
|  | <b>DP, 1gang 2way <sup>2)</sup></b> |                 |          |
|  | 2000/6/2 US                         | 2CKA001012A0954 | 10       |
|  | <b>1gang</b>                        |                 |          |
|  | 2000/7 US-500                       | 2CKA001012A2199 | 10/100   |
|  | <b>DP, 1gang 1way</b>               |                 |          |
|  | 2000/2 US-500                       | 2CKA001012A2196 | 10/100   |
| <b>SP, 1gang 1way switch</b>   |                                     |                 |          |
| 2000/1 US-500  | 2CKA001012A2059                     | 10/100          |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> With screw-type terminals. Non-illuminable.

|  |  |                 |        |
|--|--|-----------------|--------|
|  <p><b>Rocker Switch Mechanism <sup>1)</sup></b><br/>           Rated voltage: 250 V~<br/>           Rated current: 16 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 200 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>Switch-off and two-way circuit 16 A <sup>2)</sup></b> |                 |        |
|  | 2400/6 US-500  | 2CKA001012A2232 | 10/100 |
|  | <b>2gang switch 16 A</b>                                 |                 |        |
|  | 2400/5 US-500  | 2CKA001012A2234 | 10     |
|  | <b>1gang intermediate 16 A</b>                           |                 |        |
|  | 2400/7 US-500  | 2CKA001012A2236 | 10     |

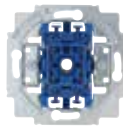
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |                           |  |        |
|---|---------------------------|--|--------|
|  <p><b>Rocker Switch Mechanism <sup>1)</sup></b><br/>           2gang 2way<br/>           With screwless terminals.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 100 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2000/6/6US-101-500</b> |  |        |
|   | 2CKA001011A0928           |  | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product  | Article-No.               | Order-No. | Pack/Qty |
|--|---------------------------|-----------|----------|
|  <p><b>Rocker Switch Mechanism <sup>1)</sup></b><br/> <b>Changeover/changeover circuit 16 A</b><br/>           With screwless terminals.<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 200 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2400/6/6US-101-500</b> |           |          |
|  | 2CKA001022A0663           |           | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |                          |  |        |
|---|--------------------------|--|--------|
|  <p><b>Rocker Switch Mechanism <sup>1) 2)</sup></b><br/> <b>DP, 1gang 1way</b><br/>           For switching high loads.<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 200 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2000/2 US-101-500</b> |  |        |
|   | 2CKA001012A2193          |  | 10/100 |

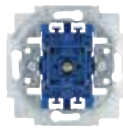
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Also for switching SCHUKO® socket outlets.

|   |                  |  |    |
|---|------------------|--|----|
|  <p><b>Rocker Switch Mechanism <sup>1) 2)</sup></b><br/> <b>3-pole, 1gang 1way switch</b><br/>           Rated voltage: 400 V~<br/>           Rated current: 16 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 200 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2000/3 US</b> |  |    |
|   | 2CKA001011A0816  |  | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> With screw-type terminals. Non-illuminable.


|   |                                 |                 |        |
|---|---------------------------------|-----------------|--------|
|  <p><b>Rocker Switch Mechanism <sup>1)</sup></b><br/>           With neon lamp.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 100 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>1gang 2way <sup>2)</sup></b> |                 |        |
|   | 2000/6 USGL-500                 | 2CKA001012A2194 | 10/100 |
|   | <b>2gang 1way</b>               |                 |        |
| <b>2000/5 USGL</b>  |                                 |                 | 10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

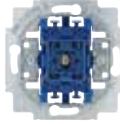
<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.



## Rocker switches / push switches

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>2gang switch with N-clamp 16 A</b><br/>           with LED,<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 200 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2400/5 USK-500</b> | 2CKA001012A2238 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                                   |                 |        |
|--|-----------------------------------|-----------------|--------|
|  <p><b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/>           With neon lamp.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 100 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>1gang 2way with N-terminal</b> |                 |        |
|  | <b>2000/6 USK-500</b>             | 2CKA001022A0659 | 10/100 |
| <p><b>DP, 1gang 1way</b></p>   | <b>2000/2 UK</b>                  | 2CKA001022A0656 | 10     |

<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |                       |                 |    |
|---|-----------------------|-----------------|----|
|  <p><b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>Switch-off and two-way circuit with N-clamp 16 A</b><br/>           With neon lamp.<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 200 W<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2400/6 USK-500</b> | 2CKA001022A0661 | 10 |
|---|-----------------------|-----------------|----|

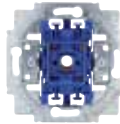
<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |                    |                 |        |
|---|--------------------|-----------------|--------|
|  <p><b>Push-switch mechanism <sup>1)</sup></b><br/> <b>SP, with normally open contact (operating current)</b><br/>           With N terminal.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2020 US-500</b> | 2CKA001413A0574 | 10/100 |
|---|--------------------|-----------------|--------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Push-switch mechanism <sup>1)</sup></b><br/> <b>SP, with normally open contact (operating current)</b><br/>           With 2 independent signalling contacts.<br/>           Rated voltage: 250 V~<br/>           Inputs: 1<br/>           Outputs: 1<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2020 US-201</b> | 2CKA001413A0483 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |                      |                 |        |
|---|----------------------|-----------------|--------|
|  <p><b>Push-switch mechanism <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>SP, with normally open contact (operating current)</b><br/>           With illumination.<br/>           With N terminal.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2020 USGL-500</b> | 2CKA001413A1106 | 10/100 |
|---|----------------------|-----------------|--------|

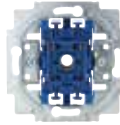
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

<sup>3)</sup> For relay and touch dimmer applications.

|   |                        |                 |        |
|---|------------------------|-----------------|--------|
|  <p><b>Push-switch mechanism <sup>1)</sup></b><br/>           With one input terminal and 2 actuating covers.<br/>           Rated voltage: 250 V~<br/>           Inputs: 1<br/>           Outputs: 2x Normally open contact<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2020 US-205-500</b> | 2CKA001413A1105 | 10/100 |
|---|------------------------|-----------------|--------|


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                        |                 |        |
|--|------------------------|-----------------|--------|
|  <p><b>Push-switch mechanism <sup>1)</sup></b><br/> <b>SP, 1gang 2way</b><br/>           Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).<br/>           With N terminal.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 20<br/>           IEC 60669-1</p> | <b>2020 US-206-500</b> | 2CKA001413A1104 | 10/100 |
|--|------------------------|-----------------|--------|


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


  
**carat®**


## Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1786-81-500</b>   | 2CKA001751A3079 | 10/100   |
| ivory white   | <b>1786-82-500</b>   | 2CKA001751A3083 | 10/100   |
| studio white  | <b>1786-84-500</b>   | 2CKA001751A3074 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1786-884-500</b>  | 2CKA001751A3089 | 10/100   |
| black matt <sup>1)</sup>  | <b>1786-885-500</b>  | 2CKA001751A3094 | 10/100   |


<sup>1)</sup>Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Rocker</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>1785-81</b>   | 2CKA001751A2930 | 10     |
| ivory white  | <b>1785-82</b>   | 2CKA001751A2744 | 10/100 |
| studio white   | <b>1785-84-500</b>   | 2CKA001751A3076 | 10/100 |
| studio white, matt <sup>1)</sup>   | <b>1785-884</b>  | 2CKA001751A3024 | 10/100 |
| black matt <sup>1)</sup>   | <b>1785-885</b>  | 2CKA001751A3038 | 10/100 |


<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker</b><br>As a cover for flush-mounted control 2gang switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1785 K-81-500</b>  | 2CKA001751A3122 | 10 |
| ivory white   | <b>1785 K-82-500</b>  | 2CKA001751A3124 | 10 |
| studio white  | <b>1785 K-84-500</b>  | 2CKA001751A3128 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1785 K-884-500</b>   | 2CKA001751A3135 | 10 |
| black matt <sup>1)</sup>  | <b>1785 K-885-500</b>   | 2CKA001751A3137 | 10 |


<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker with small red spherical cap</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1789-81</b>  | 2CKA001751A2928 | 10     |
| ivory white   | <b>1789-82</b>  | 2CKA001751A2813 | 10     |
| studio white  | <b>1789-84-500</b>  | 2CKA001751A3091 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1789-884</b>   | 2CKA001751A3033 | 10     |
| black matt <sup>1)</sup>  | <b>1789-885</b>   | 2CKA001751A3047 | 10     |


<sup>1)</sup>Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker with small transparent lens</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1789 N-81</b>   | 2CKA001751A3147 | 10/100   |
| ivory white   | <b>1789 N-82</b>   | 2CKA001751A3148 | 10/100   |
| studio white  | <b>1789 N-84-500</b>   | 2CKA001751A3151 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1789 N-884</b>  | 2CKA001751A3153 | 10/100   |
| black matt <sup>1)</sup>  | <b>1789 N-885</b>  | 2CKA001751A3154 | 10/100   |


<sup>1)</sup>Surface painted.

|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Plug< icon.<br>As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O"<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>1789 ST-81</b>   | 2CKA001751A3157 | 10/100 |
| ivory white  | <b>1789 ST-82</b>   | 2CKA001751A3158 | 10/100 |
| studio white   | <b>1789 ST-84-500</b>   | 2CKA001751A3161 | 10/100 |
| studio white, matt <sup>1)</sup>   | <b>1789 ST-884</b>  | 2CKA001751A3163 | 10/100 |
| black matt <sup>1)</sup>   | <b>1789 ST-885</b>  | 2CKA001751A3164 | 10/100 |

<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking</b><br>With >Light< icon.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>2520 LI-81</b>  | 2CKA001751A3186 | 10/100 |
| ivory white   | <b>2520 LI-82</b>  | 2CKA001751A3187 | 10/100 |
| studio white  | <b>2520 LI-84-500</b>  | 2CKA001751A3190 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>2520 LI-884</b>   | 2CKA001751A3192 | 10/100 |
| black matt <sup>1)</sup>  | <b>2520 LI-885</b>   | 2CKA001751A3193 | 10/100 |

<sup>1)</sup>Surface painted.

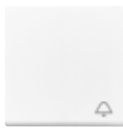
|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Switch rocker with marking</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>2520 TR-81</b>   | 2CKA001751A3196 | 10/100 |
| ivory white   | <b>2520 TR-82</b>   | 2CKA001751A3197 | 10/100 |
| studio white  | <b>2520 TR-84</b>   | 2CKA001751A3199 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>2520 TR-884</b>  | 2CKA001751A3201 | 10/100 |
| black matt <sup>1)</sup>  | <b>2520 TR-885</b>  | 2CKA001751A3202 | 10/100 |

<sup>1)</sup>Surface painted.







## Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2520 KI-81</b>  | 2CKA001751A3176 | 10/100   |
| ivory white   | <b>2520 KI-82</b>  | 2CKA001751A3177 | 10/100   |
| studio white  | <b>2520 KI-84-500</b>  | 2CKA001751A3180 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>2520 KI-884</b>   | 2CKA001751A3182 | 10/100   |
| black matt <sup>1)</sup>  | <b>2520 KI-885</b>   | 2CKA001751A3183 | 10/100   |


<sup>1)</sup> Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Light< icon.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>1789 LI-81</b>  | 2CKA001751A2931 | 10     |
| ivory white  | <b>1789 LI-82</b>  | 2CKA001751A2745 | 10     |
| studio white   | <b>1789 LI-84-500</b>  | 2CKA001751A3084 | 10/100 |
| black matt <sup>1)</sup>   | <b>1789 LI-885</b>   | 2CKA001751A3045 | 10     |
| studio white, matt <sup>1)</sup>   | <b>1789 LI-884</b>   | 2CKA001751A3031 | 10     |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1789 TR-81</b>   | 2CKA001751A2933 | 10 |
| ivory white   | <b>1789 TR-82</b>   | 2CKA001751A2747 | 10 |
| studio white  | <b>1789 TR-84</b>   | 2CKA001751A2755 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1789 TR-884</b>  | 2CKA001751A3032 | 10 |
| black matt <sup>1)</sup>  | <b>1789 TR-885</b>  | 2CKA001751A3046 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1789 KI-81</b>  | 2CKA001751A2932 | 10 |
| ivory white   | <b>1789 KI-82</b>  | 2CKA001751A2746 | 10 |
| studio white  | <b>1789 KI-84</b>  | 2CKA001751A2754 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1789 KI-884</b>   | 2CKA001751A3030 | 10 |
| black matt <sup>1)</sup>  | <b>1789 KI-885</b>   | 2CKA001751A3044 | 10 |


<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker <sup>1)</sup> <sup>2)</sup> with labelling field</b><br>With >Bell< icon.<br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1764 NLI/KI-81</b>   | 2CKA001731A3998 | 10/100   |
| ivory white   | <b>1764 NLI/KI-82</b>   | 2CKA001731A3999 | 10/100   |
| studio white  | <b>1764 NLI/KI-84-500</b>   | 2CKA001731A4002 | 10/100   |
| studio white, matt <sup>3)</sup>  | <b>1764 NLI/KI-884</b>  | 2CKA001731A4004 | 10/100   |
| black matt <sup>3)</sup>  | <b>1764 NLI/KI-885</b>  | 2CKA001731A4005 | 10/100   |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.<sup>3)</sup> Surface painted.

|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>Rocker <sup>1)</sup> <sup>2)</sup> with labelling field</b><br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>1764 NLI-81</b>  | 2CKA001731A1552 | 10     |
| ivory white  | <b>1764 NLI-82</b>  | 2CKA001731A1876 | 10     |
| studio white   | <b>1764 NLI-84</b>  | 2CKA001731A1877 | 10/100 |
| studio white, matt <sup>3)</sup>   | <b>1764 NLI-884</b>   | 2CKA001731A1985 | 10     |
| black matt <sup>3)</sup>   | <b>1764 NLI-885</b>   | 2CKA001731A1982 | 10     |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.<sup>3)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With imprint >0< and >1<.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1788-81</b>   | 2CKA001751A2927 | 10     |
| ivory white   | <b>1788-82</b>   | 2CKA001751A2742 | 10     |
| studio white  | <b>1788-84</b>   | 2CKA001751A2750 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1788-884</b>  | 2CKA001751A3028 | 10     |
| black matt <sup>1)</sup>  | <b>1788-885</b>  | 2CKA001751A3042 | 10     |


<sup>1)</sup> Surface painted.

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## Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With >Heating< imprint.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1789 H-81</b>  | 2CKA001751A2929 | 10       |
| ivory white   | <b>1789 H-82</b>  | 2CKA001751A2743 | 10       |
| studio white  | <b>1789 H-84</b>  | 2CKA001751A2751 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1789 H-884</b>   | 2CKA001751A3029 | 10       |
| black matt <sup>1)</sup>  | <b>1789 H-885</b>   | 2CKA001751A3043 | 10       |


<sup>1)</sup> Surface painted.

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker el. push-switch |                 |          |
| anthracite   | <b>2570-10-81</b>  | 2CKA001751A3261 | 10       |
| ivory white  | <b>2570-10-82</b>  | 2CKA001751A3263 | 10       |
| studio white   | <b>2570-10-84</b>  | 2CKA001751A3258 | 10       |
| studio white, matt <sup>1)</sup>   | <b>2570-10-884</b>   | 2CKA001751A3260 | 10       |
| black matt <sup>1)</sup>   | <b>2570-10-885</b>   | 2CKA001751A3262 | 10       |


<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 2g el. push-switch |                 |          |
| anthracite  | <b>2570-20-81</b>   | 2CKA001751A3272 | 10       |
| ivory white   | <b>2570-20-82</b>   | 2CKA001751A3274 | 10       |
| studio white  | <b>2570-20-84</b>   | 2CKA001751A3269 | 10       |
| studio white, matt <sup>1)</sup>  | <b>2570-20-884</b>  | 2CKA001751A3271 | 10       |
| black matt <sup>1)</sup>  | <b>2570-20-885</b>  | 2CKA001751A3273 | 10       |


<sup>1)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 2g el. push-switch |                 |          |
| anthracite  | <b>2570-30-81</b>   | 2CKA001751A3283 | 10       |
| ivory white   | <b>2570-30-82</b>   | 2CKA001751A3285 | 10       |
| studio white  | <b>2570-30-84</b>   | 2CKA001751A3280 | 10       |
| studio white, matt <sup>1)</sup>  | <b>2570-30-884</b>  | 2CKA001751A3282 | 10       |
| black matt <sup>1)</sup>  | <b>2570-30-885</b>  | 2CKA001751A3284 | 10       |

<sup>1)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts</b><br>El. push-switch insert |                 |          |
|   | <b>2051 U</b>   | 2CKA001413A1115 | 10       |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch insert 2g |                 |          |
|   | <b>2052 U</b>   | 2CKA001413A1116 | 10       |

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch insert 2g |                 |          |
|  | <b>2053 U</b>   | 2CKA001413A1117 | 10       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) future®, Busch-axcent®, carat®, Busch-dynasty®</b><br>For card switch. For insert 2025 U. Suitable for cards sized 54 x 86 mm. The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated. |                 |          |
| anthracite  | 1792-81  | 2CKA001710A3639 | 10       |
| ivory white   | 1792-82  | 2CKA001710A3640 | 10       |
| studio white  | 1792-84  | 2CKA001710A3641 | 10       |
| studio white, matt <sup>1)</sup>  | 1792-884   | 2CKA001710A3928 | 10       |
| black matt <sup>1)</sup>  | 1792-885   | 2CKA001710A3905 | 10       |

<sup>1)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts</b><br>Eilluminable. With N terminal. |                 |          |
|   | <b>2025 U</b>   | 2CKA001012A1713 | 10       |


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## Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate, card switch RFID |                 |          |
| anthracite  | <b>1792 RFID-81</b>   | 2CKA001710A4130 | 10       |
| ivory white   | <b>1792 RFID-82</b>   | 2CKA001710A4132 | 10       |
| studio white  | <b>1792 RFID-84</b>   | 2CKA001710A4127 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1792 RFID-884</b>  | 2CKA001710A4129 | 10       |
| black matt <sup>1)</sup>  | <b>1792 RFID-885</b>  | 2CKA001710A4131 | 10       |

<sup>1)</sup>Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>Card switch insert RFID. |                 |    |
|  | <b>2025 RFID U</b>  | 2CKA001012A2242 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Card switch 10 A <sup>1)</sup> SP, with normally open contact (operating current)</b><br>Illuminable.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1 |                 |    |
|   | <b>2025 U</b>  | 2CKA001012A1713 | 10 |

**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.


**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.

**delivery form:** Adapter plate APBS to be ordered separate.


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>DO NOT DISTURB<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1786/11-81</b>  | 2CKA001751A3207 | 10 |
| ivory white   | <b>1786/11-82</b>  | 2CKA001751A2997 | 10 |
| studio white  | <b>1786/11-84</b>  | 2CKA001751A2998 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1786/11-884</b>   | 2CKA001751A3026 | 10 |
| black matt <sup>1)</sup>  | <b>1786/11-885</b>   | 2CKA001751A3040 | 10 |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br>DO NOT DISTURB - MAKE UP ROOM<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1785/11-81</b>   | 2CKA001751A3205 | 10       |
| ivory white   | <b>1785/11-82</b>   | 2CKA001751A2991 | 10       |
| studio white  | <b>1785/11-84</b>   | 2CKA001751A2992 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1785/11-884</b>  | 2CKA001751A3023 | 10       |
| black matt <sup>1)</sup>  | <b>1785/11-885</b>  | 2CKA001751A3037 | 10       |

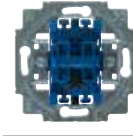
<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch rocker with marking</b><br>As cover for flush-mounted rocker control switch insert, DND/MUR.<br>DO NOT DISTURB - MAKE UP ROOM<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1785/11 K-81</b>   | 2CKA001751A3212 | 10 |
| ivory white   | <b>1785/11 K-82</b>   | 2CKA001751A3214 | 10 |
| studio white  | <b>1785/11 K-84</b>   | 2CKA001751A3209 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1785/11 K-884</b>  | 2CKA001751A3211 | 10 |
| black matt <sup>1)</sup>  | <b>1785/11 K-885</b>  | 2CKA001751A3213 | 10 |

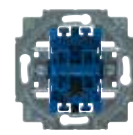
<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker DND/MUR electronic |                 |    |
| studio white  | <b>2058-24-81</b>   | 2CKA001751A3223 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2058-24-82</b>   | 2CKA001751A3225 | 10 |
| anthracite  | <b>2058-24-84</b>   | 2CKA001751A3220 | 10 |
| black matt <sup>1)</sup>  | <b>2058-24-884</b>  | 2CKA001751A3222 | 10 |
| ivory white   | <b>2058-24-885</b>  | 2CKA001751A3224 | 10 |

<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker switch insert DND/MUR <sup>1)</sup></b><br>with LED - Rated voltage: 250 V~<br>Rated current: 10 AX - Suitable for: LEDi / CFLi<br>Rated power: 100 W - Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2028 UK</b>  | 2CKA001012A2240 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker switch insert DND/MUR <sup>1)</sup></b><br>with LED,<br>Rated voltage: 24 V - Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2028/12 UK</b>   | 2CKA001012A2241 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

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## Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush Mounted Inserts <sup>1)</sup></b><br>El. push-switch DND/MUR |                 |          |
|   | <b>2058 UK</b>  | 2CKA001413A1114 | 10/100   |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Bell push-switch DND/MUR 230 V <sup>1)</sup></b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20 - IEC 60669-1 |                 |   |
| anthracite  | <b>2029 UC-81</b>  | 2CKA001751A3167 | 1 |
| ivory   | <b>2029 UC-82</b>  | 2CKA001751A3168 | 1 |
| studio white  | <b>2029 UC-84</b>  | 2CKA001751A3170 | 1 |
| studio white, matt <sup>2)</sup>  | <b>2029 UC-884</b>   | 2CKA001751A3172 | 1 |
| black matt <sup>2)</sup>  | <b>2029 UC-885</b>   | 2CKA001751A3173 | 1 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Surface painted.


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Bell push-switch DND/MUR 24 V <sup>1)</sup></b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |   |
| anthracite  | <b>2029/12 UC-81</b>  |                 | 1 |
| ivory   | <b>2029/12 UC-82</b>  | 2CKA001751A3236 | 1 |
| studio white  | <b>2029/12 UC-84</b>  | 2CKA001751A3231 | 1 |
| studio white, matt <sup>2)</sup>  | <b>2029/12 UC-884</b>   | 2CKA001751A3233 | 1 |
| black matt <sup>2)</sup>  | <b>2029/12 UC-885</b>   | 2CKA001751A3235 | 1 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Surface painted.

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Bell push-switch DND/MUR |                 |   |
| studio white  | <b>2059 UC-81</b>  | 2CKA001751A3243 | 1 |
| studio white, matt <sup>1)</sup>  | <b>2059 UC-82</b>  | 2CKA001751A3245 | 1 |
| anthracite  | <b>2059 UC-84</b>  | 2CKA001751A3240 | 1 |
| black matt <sup>1)</sup>  | <b>2059 UC-884</b>   | 2CKA001751A3242 | 1 |
| ivory   | <b>2059 UC-885</b>   | 2CKA001751A3244 | 1 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Pull switch <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |          |
|   | <b>2020/01 US-101</b>  | 2CKA001413A1112 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Pull switch <sup>1)</sup></b><br><b>SP, break contact</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
|   | <b>2020/10 US-101</b>   | 2CKA001413A1111 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker</b><br><b>open for red pull switch neon indicator</b><br>For pull switch 2020/xx US.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1720-81</b>   | 2CKA001731A1914 | 10 |
| ivory white   | <b>1720-82</b>   | 2CKA001731A1915 | 10 |
| studio white  | <b>1720-84</b>   | 2CKA001731A1916 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1720-884</b>  | 2CKA001731A1979 | 10 |
| black matt <sup>1)</sup>  | <b>1720-885</b>  | 2CKA001731A1981 | 10 |

<sup>1)</sup> Surface painted.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup></b><br><b>SP, with zero position</b><br>With zero position.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2710 U</b>   | 2CKA001101A0918 | 1/10 |

<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.

<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.


|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup></b><br><b>SP, without zero position</b><br>Without zero position.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2710/1 U</b>   | 2CKA001101A0919 | 1/10 |

<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.


<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

**carat®**


## Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch.<br>With zero position.<br>For insert 2710 U.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2542 DR/01-81</b>  | 2CKA001710A3644 | 10       |
| ivory white   | <b>2542 DR/01-82</b>  | 2CKA001710A3645 | 10       |
| studio white  | <b>2542 DR/01-84</b>  | 2CKA001710A3646 | 10       |
| studio white, matt <sup>1)</sup>  | <b>2542 DR/01-884</b>   | 2CKA001710A3890 | 10       |
| black matt <sup>1)</sup>  | <b>2542 DR/01-885</b>   | 2CKA001710A3913 | 10       |

<sup>1)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch.<br>Without zero position.<br>For insert 2710/1 U.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>2542 DR/02-81</b>   | 2CKA001710A3649 | 10 |
| ivory white  | <b>2542 DR/02-82</b>   | 2CKA001710A3650 | 10 |
| studio white   | <b>2542 DR/02-84</b>   | 2CKA001710A3651 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2542 DR/02-884</b>  | 2CKA001710A3891 | 10 |
| black matt <sup>1)</sup>   | <b>2542 DR/02-885</b>  | 2CKA001710A3914 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup> for pull switch 2610/6 UC-xx, 2610/6 UJ-xx</b><br>With screw-type terminal<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1796-81</b>  | 2CKA001753A0308 | 10 |
| ivory white   | <b>1796-82</b>  | 2CKA001753A0309 | 10 |
| studio white  | <b>1796-84</b>  | 2CKA001753A0311 | 10 |
| studio white, matt <sup>2)</sup>  | <b>1796-884</b>   | 2CKA001753A0313 | 10 |
| black matt <sup>2)</sup>  | <b>1796-885</b>   | 2CKA001753A0314 | 10 |


<sup>1)</sup> Exchanging the available cover/cover plate.


<sup>2)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Comprising Friends of Hue smart switch insert</b><br>Comprising 2gang rocker 6736 FoH-8xx for Friends of Hue smart switch. Consisting of 1gang future® linear cover frames. Comprising fixing plate and intermediate ring. Smarter light switches for wireless remote control of Philips Hue lamps For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<.<br>Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. |                 |   |
|   | <b>6716 UJ-84-500</b>   | 2CKA006710A0011 | 1 |
|   | <b>6716 UJ-885-500</b>  | 2CKA006710A0018 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Friends of Hue smart switch insert Wall-mounted transmitter, 2 / 4 channel.</b><br>For smart switch rockers 6735 BT-8xx and 6736 FoH-8xx. Smarter light switches for wireless remote control of Philips Hue lamps. For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<.<br>Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology.<br>Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear.<br>Can be mounted freely in the room with the enclosed adhesive tape and fixing plate.<br>Including fixing plate for mounting on smooth walls or on switch boxes. |                 |          |
|   | <b>6716 U-500</b>   | 2CKA006710A0014 | 1        |
| BT smart switch set white   | <b>6716/01 UJ-84-500</b>  | 2CKA006730A0156 | 1        |
| BT smart switch set black   | <b>6716/01 UJ-885-500</b>   | 2CKA006730A0157 | 1        |
| BT smart switch insert (SF)   | <b>6716 UBT</b>   | 2CKA006710A0015 | 1        |



|                             |                           |                 |   |
|-----------------------------|---------------------------|-----------------|---|
|                             | <b>6716 U-500</b>         | 2CKA006710A0014 | 1 |
| BT smart switch set white   | <b>6716/01 UJ-84-500</b>  | 2CKA006730A0156 | 1 |
| BT smart switch set black   | <b>6716/01 UJ-885-500</b> | 2CKA006730A0157 | 1 |
| BT smart switch insert (SF) | <b>6716 UBT</b>           | 2CKA006710A0015 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>1gang rocker for Friends of Hue and Bluetooth (Casambi)</b><br>Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. |                 |   |
| anthracite  | <b>6735 BT-81</b>  | 2CKA006730A0142 | 1 |
| beige   | <b>6735 BT-82</b>  | 2CKA006730A0143 | 1 |
| white   | <b>6735 BT-84</b>  | 2CKA006730A0145 | 1 |
| white   | <b>6735 BT-884</b>   | 2CKA006730A0149 | 1 |
| black   | <b>6735 BT-885</b>   | 2CKA006730A0150 | 1 |



|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>2gang rocker for Friends of Hue and Bluetooth (Casambi)</b><br>Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. |                 |   |
| anthracite  | <b>6736 FoH-81</b>   | 2CKA006730A0133 | 1 |
| ivory white   | <b>6736 FoH-82</b>   | 2CKA006730A0134 | 1 |
| studio white  | <b>6736 FoH-84</b>   | 2CKA006730A0136 | 1 |
| studio white, matt <sup>1)</sup>  | <b>6736 FoH-884</b>  | 2CKA006730A0140 | 1 |
| black matt <sup>1)</sup>  | <b>6736 FoH-885</b>  | 2CKA006730A0141 | 1 |

<sup>1)</sup> Surface painted.

**carat®**  
Dimmers

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer</b> <sup>1) 2) 3) 4) 5) 6) 7) 8) 9)</sup><br/> <b>Flush-mounted, LED, 2-100 W</b><br/>                     With rotary control, two-way switch and soft-catch.<br/>                     2-wire connection (neutral conductor not required)<br/>                     Optimised for dimming of retrofit LED lamps (LEDi).<br/>                     For dimmable Retrofit-LEDs (LEDi).<br/>                     For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br/>                     For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br/>                     Mix operation of LEDi with conventional loads possible.<br/>                     Via mode switch adjustable between leading edge control and trailing edge control.<br/>                     Low-noise level by MOSFET transistors.<br/>                     With electronic short-circuit protection.<br/>                     With electronic overload protection.<br/>                     With adjustable minimum brightness.<br/>                     Without cover plate.<br/>                     Rated voltage: 230 V~, + 10% / - 10%<br/>                     Rated frequency: 50 Hz/60 Hz<br/>                     Nominal power: 2 - 100 W/VA (retrofit LED loads).<br/>                     Nominal power: 10 - 250 W/VA (non-LED loads).<br/>                     Protection class (Device): IP 20<br/>                     Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6523 U-102-500</b> | 2CKA006512A0335 | 1/10     |

<sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product  | Article-No.            | Order-No.       | Pack/Qty |
|--|------------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer</b> <sup>1) 2) 3) 4) 5) 6) 7) 8) 9)</sup><br/> <b>UP, LED, 2-400 W</b><br/>                     Very small installation depth: &lt; 20 mm<br/>                     Without claws.<br/>                     With rotary control, two-way switch and soft-catch.<br/>                     2-wire connection (neutral conductor not required)<br/>                     Optimised for dimming of retrofit LED lamps (LEDi).<br/>                     For dimmable Retrofit-LEDs (LEDi).<br/>                     For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br/>                     For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br/>                     Mix operation of LEDi with conventional loads possible.<br/>                     With manually adjustable operating mode: trailing / leading edge control.<br/>                     With adjustable minimum/maximum brightness.<br/>                     Low-noise level by MOSFET transistors.<br/>                     With electronic short-circuit protection.<br/>                     With electronic overload protection.<br/>                     Without cover plate.<br/>                     Rated voltage: 230 V~, + 10% / - 10%<br/>                     Rated frequency: 50 Hz/60 Hz<br/>                     Nominal power: 2 - 100 W/VA (leading edge control)<br/>                     Nominal power: 2 - 400 W/VA (trailing edge control)<br/>                     Protection class (Device): IP 20<br/>                     Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6523 UR-103-500</b> | 2CKA006512A0345 | 1/10     |

<sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

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## Dimmers

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

**Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup>****UP, RL, 200-700 W**

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

Short-circuit-proof, overload-protected.

With adjustable minimum brightness.

Without cover plate.

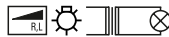
Without claws.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

**6520 U-500**

2CKA006520A0227

1/10

<sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.

<sup>3)</sup> Provided with terminal for net disconnection devices.

<sup>4)</sup> Also applicable for 1gang 2way installations.

<sup>5)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>6)</sup> Should be mounted in a separate wallbox.

**Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup>****flush mounted, 1-10V**

With rotary control.

For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.

For LED control via control gears

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Rated power: 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

**2112 U-101-500**

2CKA006599A2873

1/10

<sup>1)</sup> Non-illuminable.

<sup>2)</sup> Use cover plates 2115 J-.../2115-.../6540-... .

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Making-current limiters have to be provided in case of too high making currents.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

**Busch-rotary dimmer <sup>1)</sup>****Flush-mounted, DALI, tunable white**

For DALI broadcast service (via central telegram).

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation.

Fool proved.

For changing the colour temperature of >tunable white< lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6,500 K.

Brightness power-on level and background brightness level adjustable, buffered.

With integrated LED illumination for orientation.

Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel.

Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic,

Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C


**2116 U**

2CKA006599A3025


1

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## carat® Dimmers


| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, with internal power supply, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in active mode.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel connection: 111<br/>           Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2116-11 U</b> | 2CKA006599A3026 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.            | Order-No.       | Pack/Qty |
|---|------------------------|-----------------|----------|
|  <p><b>Cover plate <sup>1)</sup> with rotary knob, with indication lamp</b><br/>           Elevated knob.<br/>           With transparent luminous ring.<br/>           For Busch-Dimmer®.<br/>           For inserts<br/>           2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/<br/>           6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.</p> |                        |                 |          |
| anthracite  | <b>6540-81-102</b>     | 2CKA006599A2950 | 10       |
| ivory white   | <b>6540-82-102</b>     | 2CKA006599A2951 | 10/100   |
| studio white  | <b>6540-84-102-500</b> | 2CKA006599A3009 | 10/100   |
| studio white, matt <sup>2)</sup>  | <b>6540-884-102</b>    | 2CKA006599A2961 | 10/100   |
| black matt <sup>2)</sup>  | <b>6540-885-102</b>    | 2CKA006599A2966 | 10/100   |

<sup>1)</sup> Replacement neon lamp, Art. No. 3855.

<sup>2)</sup> Surface painted.


| Product   | Article-No.            | Order-No.       | Pack/Qty |
|---|------------------------|-----------------|----------|
|  <p><b>Control element <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with neon lamp</b><br/>           Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U.</p> |                        |                 |          |
| anthracite  | <b>6543-81-101</b>     | 2CKA006599A2881 | 1/10     |
| ivory white   | <b>6543-82-101</b>     | 2CKA006599A2831 | 1/10     |
| studio white  | <b>6543-84-101-500</b> | 2CKA006599A3010 | 1/10     |
| studio white, matt <sup>4)</sup>  | <b>6543-884-101</b>    | 2CKA006599A2963 | 1/10     |
| black matt <sup>4)</sup>  | <b>6543-885-101</b>    | 2CKA006599A2968 | 1/10     |

<sup>1)</sup> Compatible with previous type 6543-xxx.

<sup>2)</sup> Touch-type Controller 6550 U-xxx non-illuminable.

<sup>3)</sup> Replacement neon lamp 3857.

<sup>4)</sup> Surface painted.




| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Cover plate for cooling element</b><br/>           For Busch-Universal master dimmer power module 6594 U.<br/>           For KNX room temperature controller object 6109/08.</p> |                 |                 |          |
| anthracite  | <b>6541-81</b>  | 2CKA006599A2882 | 10       |
| ivory white   | <b>6541-82</b>  | 2CKA006599A2832 | 10       |
| studio white  | <b>6541-84</b>  | 2CKA006599A2835 | 10       |
| studio white, matt <sup>1)</sup>  | <b>6541-884</b> | 2CKA006599A2962 | 10       |
| black matt <sup>1)</sup>  | <b>6541-885</b> | 2CKA006599A2967 | 10       |

<sup>1)</sup> Surface painted.








## Dimmers

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Proximity switch</b><br/>3 wire connection (neutral conductor required).<br/>Relay insert with proximity sensor.<br/>For contactless ON/OFF switching of electric loads, e.g. lights.<br/>For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.<br/>Switches when detecting an approach at &lt; approx. 5 cm.<br/>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 1x Normally open contact, potential-bound<br/>Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.<br/>Rated current: 10 AX<br/>Rated power: 2300 W/VA<br/>Temperature range (Device): -25 °C to 55 °C<br/>British Standard EN 60669-2-1</p>  | <b>6406 U</b>   | 2CKA006400A0034 | 1        |
|  <p><b>Cover plate</b><br/><b>Proximity switch</b><br/>For proximity switch 6406 U.</p>   |                 |                 |          |
| anthracite   | <b>6476-81</b>  | 2CKA006470A0007 | 1/10     |
| ivory white  | <b>6476-82</b>  | 2CKA006470A0003 | 10       |
| studio white   | <b>6476-84</b>  | 2CKA006470A0004 | 10       |
| studio white, matt <sup>1)</sup>   | <b>6476-884</b> | 2CKA006470A0010 | 10       |
| black matt <sup>1)</sup>   | <b>6476-885</b> | 2CKA006470A0011 | 10       |

<sup>1)</sup>Surface painted.

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Relay insert flex, 1gang <sup>1)</sup></b><br/>3 wire connection (neutral conductor required).<br/>For switching lighting systems.<br/>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>Without control cover.<br/>For control element flex, 1gang, wireless, 62711-WL.<br/>For control element flex, 2gang, wireless, 62721-WL.<br/>For Busch-Comfort switch flex control element 64765-...<br/>For Busch-Watchdog 180 flex sensors 6476x-...<br/>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>Combinable with extension insert, 64891 U.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Inputs: 1<br/>Outputs: 1x Normally open contact, potential-bound<br/>Suitable for: 230 V- LEDi, typical.<br/>Rated power: 300 VA<br/>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>Rated power: 2300 W<br/>Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>Rated power: 2300 VA<br/>Temperature range (Device): -25 °C to 55 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>Mounting depth: 25 mm</p>  | <b>64811 U-500</b> | 2CKA006800A3042 | 1/10     |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/><b>flush mounted, DALI</b><br/>For DALI broadcast service (via central telegram).<br/>For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>With rotary control and ON/OFF push operation.<br/>Fool proofed.<br/>Brightness power-on level and background brightness level adjustable, buffered.<br/>With integrated LED illumination for orientation.<br/>Color of orientation light adjustable (18 presets and OFF).<br/>Up to 5 potentiometers are connectable in parallel.<br/>Max. current consumption: 15 mA.<br/>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.<br/>Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>Without cover plate.<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>2117 U-500</b> | 2CKA006599A2987 | 1 |
|--|-------------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



## Dimmers

| Product   | Article-No.          | Order-No.       | Pack/Qty |
|---|----------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> flush mounted, DALI, with internal power supply</b><br/>For DALI broadcast service (via central telegram). With integrated DALI power adaptor. For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI- interface.<br/>With rotary control and ON/OFF push operation. With electronic short-circuit protection. With electronic overload protection. Brightness power-on level and background brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).<br/>Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.<br/>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>DALI-voltage: 15,5 V=<br/>Rated current: max. 75 mA<br/>Power consumption: &lt; 2,5 W<br/>Number of DALI-units:<br/>37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111<br/>Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.<br/>Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>Without cover plate.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>2117/11 U-500</b> | 2CKA006599A2988 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1) 2) 3) 4) 5)</sup> FM, LED, 3-240 VA</b><br/>2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Recommendation: Please use loads and types of one producer.

<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.






<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

|   |                  |                 |   |
|---|------------------|-----------------|---|
|  <p><b>Control element, 1 gang flex</b><br/>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>64711-500</b> | 2CKA006400A0099 | 1 |
|---|------------------|-----------------|---|

|  |                     |                 |   |
|--|---------------------|-----------------|---|
|  <p><b>Control element, 1 gang, flex wireless</b><br/>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>62711-WL-500</b> | 2CKA006200A0281 | 1 |
|--|---------------------|-----------------|---|





## Dimmers



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Flex control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.   |                 |          |
|   | <b>64721-500</b>  | 2CKA006400A0101 | 1        |
|    | <b>Control element, 2 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1        |
|  | <b>Rocker</b><br><b>1gang, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units   |                 |          |
| anthracite  | SRD-1-81  | 2CKA006220A0149 | 1        |
| ivory white   | SRD-1-82  | 2CKA006220A0520 | 1        |
| studio white  | SRD-1-84  | 2CKA006220A0151 | 1        |
| studiowhite matt  | SRD-1-884   | 2CKA006220A0605 | 1        |
|  | <b>Rocker</b><br><b>2gang left, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| anthracite  | SRD-2-L-81  | 2CKA006220A0164 | 1        |
| ivory white   | SRD-2-L-82  | 2CKA006220A0525 | 1        |
| studio white  | SRD-2-L-84  | 2CKA006220A0166 | 1        |
| studiowhite matt  | SRD-2-L-884   | 2CKA006220A0610 | 1        |
|  | <b>Rocker</b><br><b>2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| anthracite  | SRS-2-R-81  | 2CKA006220A0173 | 1        |
| ivory white   | SRS-2-R-82  | 2CKA006220A0528 | 1        |
| studio white  | SRS-2-R-84  | 2CKA006220A0175 | 1        |
| studiowhite matt  | SRS-2-R-884   | 2CKA006220A0613 | 1        |



## Movement detectors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Relay insert flex, 2gang <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required).<br/>           For switching lighting systems.<br/>           For switching two independent load circuits.<br/>           For controlling light and ventilation systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>           Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>           Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Comfort switch flex control element 64765-... .<br/>           For Busch-Watchdog 180 flex sensors 6476x-... .<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 2<br/>           Outputs: 2x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 1840 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 1150 VA<br/>           Temperature range (Device): -25 °C to 55 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>  | <b>64821 U-500</b> | 2CKA006800A3045 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


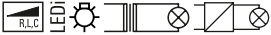
| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>e-contact insert flex, 1gang <sup>1) 2)</sup></b><br/>           2-wire connection (neutral conductor not required)<br/>           Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA).<br/>           For switching lighting systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>           Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>           Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Watchdog 180 flex sensors 6476x-... .<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 3 - 240 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 10 - 240 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 3 - 240 VA<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>  | <b>64814 U-500</b> | 2CKA006800A3048 | 1        |

<sup>1)</sup> Use only dimmable high-voltage LEDs.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



## Movement detectors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup><br/>FM, LED, 3-240 VA</b><br/>2-wire connection (neutral conductor not required)<br/>Neutral conductor optionally connectable<br/>(recommended for the connection of low loads<br/>&lt; 10 W/VA).<br/>Touch dimmer for switching lighting systems.<br/>Operation in 1gang 2way installations via push switch-<br/>unit for combination with flush-mounted units.<br/>Operation also possible via conventional push buttons<br/>(2020 US, 2021/6 UK).<br/>Optimised for dimming of retrofit LED lamps (LEDi).<br/>For dimmable Retrofit-LEDs (LEDi).<br/>For dimmable Retrofit-LEDs (LEDi) with conventional or<br/>electronic transformers.<br/>For incandescent lamps, 230 V tungsten halogen<br/>lamps, low-voltage halogen lamps with conventional or<br/>electronic transformers and dimmable energy-saving<br/>halogen lamps.<br/>Mix operaton of LEDi with conventional loads possible.<br/>With manually adjustable operating mode: trailing /<br/>leading edge control.<br/>With adjustable minimum brightness.<br/>With light-level memory and minimum brightness<br/>memory.<br/>Low-noise level by MOSFET transistors.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Without control cover.<br/>For control element flex, 1gang, 64711.<br/>For control element flex, 2gang, 64721.<br/>For control element flex, 1gang, wireless, 62711-WL.<br/>For control element flex, 2gang, wireless, 62721-WL.<br/>For Busch-Watchdog 180 flex sensors, wireless,<br/>6276x...-WL.<br/>Rated power: 3-240 VA (LEDi)<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Inputs: 1<br/>Outputs: 1x dimming channel<br/>Suitable for: 230 V LEDi, typical (leading edge control)<br/>Rated power: 3 - 100 VA<br/>Suitable for: 230 V LEDi, typical (trailing edge control)<br/>Rated power: 3 - 240 W<br/>Suitable for: 230 V incandescent lamps, 230 V halogen<br/>lamps and low-voltage halogen lamps with conventional<br/>transformers or Busch Electronic Transformer.<br/>Rated power: 10 - 240 VA<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>Mounting depth: 25 mm IEC 60669-2-1, British Standard<br/>EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


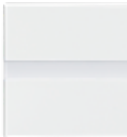
<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Recommendation: Please use loads and types of one producer.


<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>3 wire connection (neutral conductor required).<br/>For the extension of the Busch-Comfort switch or<br/>presence detector installations.<br/>For group control of flex inserts via extension unit<br/>communication.<br/>Operation in 1gang 2way installations via push switch-<br/>unit for combination with flush-mounted units.<br/>Without control cover.<br/>For control element flex, 1gang, wireless, 62711-WL.<br/>For control element flex, 2gang, wireless, 62721-WL.<br/>For Busch-Watchdog 180 flex sensors 6476x-... .<br/>For Busch-Watchdog 180 flex sensors, wireless,<br/>6276x...-WL.<br/>Combinable with all flex inserts.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Control/Signal outputs: 1, electronic output, potential-<br/>bound<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>Mounting depth: 25 mm</p>  | <b>64891 U-500</b> | 2CKA006800A3051 | 1        |
| <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p>   |                    |                 |          |
|  <p><b>Comfort switch flex sensor</b><br/>Movement detector push-button switch combination.<br/>For switching lighting systems that depend on<br/>brightness and movement. Push switch function<br/>possible at all times. Extension of the detection range<br/>by means of master/slave combination. Additional<br/>activation/deactivation option via push-button input<br/>on the flush-mounted insert. Adjustable operating<br/>mode: automatic mode, automatic (motion-controlled)<br/>switch-on and switch-off. Adjustable operating mode:<br/>semiautomatic, manual switch-on, automatic (timer and<br/>movement-controlled) switch-off. Adjustable operating<br/>mode: automatic mode, automatic switch-on, manual<br/>switch-off. With continuous light/continuous Off<br/>function. Adjusting elements on rear side. Surveillance<br/>density: 9 sectors with 28 switching segments. Switch-<br/>off delay: 1 to 10 min., adjustable. Compatible with all<br/>free@home flexTronics inserts. For relay insert flex,<br/>1gang, 64811 U. For series relay insert flex, 2gang, 64821<br/>U. For e-contact insert flex, 1gang, 64814 U. For LED<br/>touch dimmer insert flex, 1gang, 64851 U. For extension<br/>insert flex, 64891 U. Please order the respective flush-<br/>mounted insert separately. The range specifications<br/>refer only to an ambient temperature of 21°C.</p> | 64765-81-500       | 2CKA006800A2883 | 1        |
|  | 64765-82-500       | 2CKA006800A2885 | 1        |
|  | 64765-84-500       | 2CKA006800A2889 | 1        |
|  | 64765-884-500      | 2CKA006800A2893 | 1        |
|  | 64765-885-500      | 2CKA006800A2895 | 1        |




## Movement detectors

| Product   | Article-No.                      | Order-No.            | Pack/Qty        |   |
|---|----------------------------------|----------------------|-----------------|---|
|  <p><b>Busch-Watchdog 180 flex, basic sensor <sup>1) 2)</sup> with select-lens</b><br/>           Movement detector sensor with with measurement of ambient light.<br/>           For automatic switching of devices dependent on motion and brightness.<br/>           Compatible with all free@home flex inserts.<br/>           Adjusting elements on rear side.<br/>           Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With detection display in test mode.<br/>           Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br/>           For relay insert flex, 1gang, 64811 U.<br/>           For e-contact insert flex, 1gang, 64814 U.<br/>           For series relay insert flex, 2gang, 64821 U.<br/>           For LED touch dimmer insert flex, 1gang, 64851 U.<br/>           For extension insert flex, 64891 U.<br/>           Mounting height: 22 mm.<br/>           Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/>           Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br/>           Detection angle: 180 °<br/>           Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br/>           Mounting height: 0.8 m - 1.2 m<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> | anthracite                       | <b>64761-81-500</b>  | 2CKA006800A2921 | 1 |
|   | ivory white                      | <b>64761-82-500</b>  | 2CKA006800A2923 | 1 |
|   | studio white                     | <b>64761-84-500</b>  | 2CKA006800A2927 | 1 |
|   | studio white, matt <sup>3)</sup> | <b>64761-884-500</b> | 2CKA006800A2931 | 1 |
|   | black matt <sup>3)</sup>         | <b>64761-885-500</b> | 2CKA006800A2933 | 1 |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

| Product  | Article-No.                      | Order-No.            | Pack/Qty        |   |
|--|----------------------------------|----------------------|-----------------|---|
|  <p><b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with select-lens</b><br/>           Movement detector sensor with with measurement of ambient light.<br/>           For automatic switching of devices dependent on motion and brightness.<br/>           Push switch function possible at all times.<br/>           In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br/>           With enabling of pre-warning of switch-off for stairwell operation.<br/>           Compatible with all free@home flex inserts.<br/>           Adjusting elements on rear side.<br/>           Extension of the detection range by means of master/slave combination.<br/>           Additional activation/deactivation option via push-button input on the flush-mounted insert.<br/>           With continuous light/continuous Off function.<br/>           With detection display in test mode.<br/>           Surveillance density: 14 sectors with 56 switching segments.<br/>           Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br/>           For relay insert flex, 1gang, 64811 U.<br/>           For e-contact insert flex, 1gang, 64814 U.<br/>           For series relay insert flex, 2gang, 64821 U.<br/>           For LED touch dimmer insert flex, 1gang, 64851 U.<br/>           For extension insert flex, 64891 U.<br/>           Mounting height: 22 mm.<br/>           Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/>           Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br/>           Detection angle: 180 °<br/>           Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br/>           Mounting height: 0.8 m - 1.2 m<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> | anthracite                       | <b>64762-81-500</b>  | 2CKA006800A2958 | 1 |
|  | ivory white                      | <b>64762-82-500</b>  | 2CKA006800A2960 | 1 |
|  | studio white                     | <b>64762-84-500</b>  | 2CKA006800A2964 | 1 |
|  | studio white, matt <sup>3)</sup> | <b>64762-884-500</b> | 2CKA006800A2968 | 1 |
|  | black matt <sup>3)</sup>         | <b>64762-885-500</b> | 2CKA006800A2970 | 1 |


<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

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## Movement detectors

| Product   | Article-No.  | Order-No.            | Pack/Qty        |   |
|---|--|----------------------|-----------------|---|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1)</sup> <sup>2)</sup> with multi-lens</b><br>Movement detector sensor with with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>For detection down to the floor.<br>For detection in stairwells.<br>With 4 detection levels.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Multi-lens: suitable also for mounting heights of 2.20 m.<br>Extension of the detection range by means of master/ slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 54 sectors with 224 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 31 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br>Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 45 mm |                      |                 |   |
|   | anthracite   | <b>64764-81-500</b>  | 2CKA006800A2995 | 1 |
|   | ivory white  | <b>64764-82-500</b>  | 2CKA006800A2997 | 1 |
|   | studio white   | <b>64764-84-500</b>  | 2CKA006800A3001 | 1 |
|   | studio white matt <sup>3)</sup>  | <b>64764-884-500</b> | 2CKA006800A3005 | 1 |
|   | black matt <sup>3)</sup>   | <b>64764-885-500</b> | 2CKA006800A3007 | 1 |


<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.




## Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Key Switch Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>breaking circuit, 1-pole</b><br>For profile semi-cylindrical lock.<br>In switched-on and switched-off status the key can be pulled out in the central position, respectively.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2733 USL-101</b>   | 2CKA001101A0914 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>  | not applicable  |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.  |                 |          |

<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)


<sup>2)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>3)</sup> See profile semi-cylindrical lock.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup><br/>SP, switch</b><br>With interlock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1 |                 |        |
|   | <b>2000/4 US-500</b>  | 2CKA001012A2197 | 10/100 |
|   | <b>2020/4 US-500</b>  | 2CKA001413A1103 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br>With rotary knob/switch and push switch.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1, British Standard EN 60669-1 |                 |    |
|   | <b>DP <sup>3)</sup></b>  |                 |    |
|   | <b>2712 U</b>  | 2CKA001101A0534 | 10 |
|   | <b>SP, N, E</b>  |                 |    |
|   | <b>2713 U</b>  | 2CKA001101A0542 | 10 |

**Mounting boxes:** 35 mm deep flush 1gang  
or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.


**neon indicator:** not applicable

**delivery form:** Adapter plate APBS to be ordered separate.

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.


<sup>3)</sup> Also suitable for controlling direct voltage drives.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br>With rotary knob/push button.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>DP <sup>3)</sup></b>  |                 |          |
|   | <b>2722 U</b>  | 2CKA001101A0559 | 10       |
|   | <b>SP, N, E</b>  |                 |          |
|   | <b>2723 U</b>  | 2CKA001101A0567 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Also suitable for controlling direct voltage drives.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Blind switch/push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br>For profile semi-cylindrical lock/switch and push-switch.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC60669-1, British Standard EN 60669-1 |                 |    |
|  | <b>DP <sup>5)</sup></b>  |                 |    |
|  | <b>2712 USL-101</b>  | 2CKA001101A0872 | 10 |
|  | <b>SP, N, E</b>  |                 |    |
|  | <b>2713 USL-101</b>  | 2CKA001101A0880 | 10 |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>4)</sup> See semi-cylindrical lock.

<sup>5)</sup> Also suitable for controlling direct voltage drives.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br>For profile semi-cylindrical lock/push-button.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>British Standard EN 60669-1, IEC60669-1 |                 |    |
|   | <b>DP <sup>5)</sup></b>  |                 |    |
|   | <b>2722 USL-101</b>  | 2CKA001101A0898 | 10 |
|   | <b>SP, N, E</b>  |                 |    |
|   | <b>2723 USL-101</b>  | 2CKA001101A0906 | 10 |

<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.



<sup>4)</sup> See semi-cylindrical lock.



<sup>5)</sup> Also suitable for controlling direct voltage drives.







## Blind control / timers

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>DIN profile-semi cylindrical lock</b><br/>Acc. to German Standard DIN 18252.<br/>Total length 40 mm<br/>for blind switches and push switches<br/>For inserts 2712/2713/2722/2723/2733 USL-101 and<br/>2712/2733 SLW-5x.<br/>Protection class (Device): IP 20</p> <p><b>different lock mechanism, with 3 keys</b></p> <p><b>0520 PZ-VS</b>                      2CKA000470A0013    1/100</p> <p><b>lock mechanism, with 3 keys</b></p> <p><b>0521 PZ-GS</b>                      2CKA000470A0021    1/100</p>  |             |           |          |
|   |             |           |          |
|  <p><b>Blind compact timer</b><br/>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br/>Without extension unit input.<br/>Running time: 3 min<br/>N-busbar connection is required.<br/>For manual and time-controlled switching of blinds and roller blinds.<br/>Memory function for the simple storage of switching times.<br/>The controlled devices can be manually operated at any time.<br/>Simple setting via display with with segment display and background illumination.<br/>Factory pre-set switching times, individual adaptations are possible.<br/>2 switching times per day can be freely adjusted for each day of the week.<br/>Automatic switchover from summer time to winter time (switch-off function).<br/>Switching times and programs are safely stored in the event of a mains power failure.<br/>Power reserve for time and date &gt; 10 years.<br/>Simple toggling between manual/automatic/vacation modes.<br/>See the associated cover plates 6435-xx.<br/>Programming possible only with control element attached and energized.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 45 °C</p> <p><b>6422 U-500</b>                      2CKA006410A0410    1/10</p> |             |           |          |
|   |             |           |          |

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>Basic blind insert <sup>1)</sup> <sup>2)</sup></b><br/><b>2-wire blind insert</b><br/>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br/>Suitable for operation without neutral conductor.<br/>Without an extension input.<br/>For control cover 6430-xx-xxx.<br/>For standard timer control element 6456-101.<br/>Running time: 3 min<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 35 °C</p> <p><b>6418 U-500</b>                      2CKA006410A0376    1/10</p> <p><b>Mounting boxes:</b>                      35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.</p> <p><b>2gang product combinations:</b>                      2gang combination with adapter plate APBS in Dual Box only.</p> <p><sup>1)</sup> N-conductor connection required for operation with control cover 6430-7x, illuminated.<br/><sup>2)</sup> N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.</p> |             |           |          |
|   |             |           |          |
|  <p><b>Busch-Blind control II switch insert <sup>1)</sup></b><br/>Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off.<br/>With two 230 V multi-way input terminals (Up/Down) for group control. With operating mode switch for the following modes: normal, louvre, base station, position. With party function (disables the local control unit) in combination with Busch-Blind control II control cover 6430-xx-xxx, 6066-xx-xxx. Wind alarm, cleaning functions can be accommodated via extension input.<br/>For control cover 6430-xx-xxx.<br/>For IR control element 6066-xx-xxx.<br/>For comfort timer control element 6455-101-500.<br/>Running time: 3 min<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Control/Signal outputs: 2<br/>Temperature range (Device): 0 °C to 35 °C</p> <p><b>6411 U-500-101</b>                      2CKA006410A0378    1/10</p> <p><sup>1)</sup> Compatible with types 6411 U/x.</p>   |             |           |          |
|   |             |           |          |


|  |  |  |  |
|--|--|--|--|
|  <p><b>Brightness sensor</b><br/>For insert 6411U/S-101.<br/>With 2 m connecting cable.<br/>Measuring range: 15-50,000 lux.</p> <p><b>6414-101</b>                      2CKA006410A0389    1/10</p> |  |  |  |
|  |  |  |  |
|  <p><b>Sun sensor</b><br/>For insert 6411U/S-101.<br/>Measuring range: 5-50,000 lux.</p> <p><b>6482</b>                                      2CKA006410A0203    1</p>                               |  |  |  |
|  |  |  |  |

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## Blind control / timers

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <p><b>Busch-Short-time timer insert 1)<br/>countdown timer</b><br/>For time-programmed switching of electrical consumers.<br/>With control cover, without cover plate.<br/>Minimum timer time: 1 second.<br/>Maximum timer time: 9:59:59 hours.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 1x Normally open contact<br/>Rated current: 10 A, cos φ 1<br/>Rated power: 2300 VA<br/>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p> | <b>6465 U-101-500</b>  | 2CKA006410A0393 | 1/10     |
| <b>Mounting boxes:</b>   | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.          |                 |          |
| <b>Cover frames:</b>   | 1gang frame 1721 BS-2xG<br>or Dual Box frame 1722 BSDB-2xG.    |                 |          |
| <b>2gang product combinations:</b>   | 2gang combination with adapter plate<br>APBS in Dual Box only. |                 |          |
| <b>neon indicator:</b>   | not applicable   |                 |          |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |                       |                 |        |
|---|-----------------------|-----------------|--------|
|  <p><b>Rocker with marking</b><br/>As cover for flush-mounted blind control switch/push switch.<br/>For inserts 2000/4 and 2020/4 US.<br/>Protection class (Device): IP 20</p> |                       |                 |        |
| anthracite  | <b>1785 JA-81</b>     | 2CKA001751A2934 | 10     |
| ivory white   | <b>1785 JA-82</b>     | 2CKA001751A2748 | 10     |
| studio white  | <b>1785 JA-84-500</b> | 2CKA001751A3088 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1785 JA-884</b>    | 2CKA001751A3022 | 10     |
| black matt <sup>1)</sup>  | <b>1785 JA-885</b>    | 2CKA001751A3036 | 10     |

<sup>1)</sup> Surface painted.


|  |                 |                 |        |
|--|-----------------|-----------------|--------|
|  <p><b>Cover plate with rotary control, with marking</b><br/>As cover for flush-mounted blind control switch/push switch.<br/>For inserts 2712 U, 2713 U and 2722 U, 2723 U.<br/>Protection class (Device): IP 20</p> |                 |                 |        |
| anthracite   | <b>1740-81</b>  | 2CKA001710A3623 | 10     |
| ivory white  | <b>1740-82</b>  | 2CKA001710A3154 | 10     |
| studio white   | <b>1740-84</b>  | 2CKA001710A3172 | 10/100 |
| studio white, matt <sup>1)</sup>   | <b>1740-884</b> | 2CKA001710A3872 | 10     |
| black matt <sup>1)</sup>   | <b>1740-885</b> | 2CKA001710A3894 | 10     |

<sup>1)</sup> Surface painted.


| Product  | Article-No.               | Order-No.       | Pack/Qty |
|--|---------------------------|-----------------|----------|
|  <p><b>Cover plate 1)<br/>with labelling field</b><br/>With marking.<br/>For half-cylindrical type switches and blind control switch/push-switch.<br/>For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.<br/>Protection class (Device): IP 20</p> |                           |                 |          |
| anthracite   | <b>1755 SL/PZ-81-101</b>  | 2CKA001710A3626 | 10       |
| ivory white  | <b>1755 SL/PZ-82-101</b>  | 2CKA001710A3157 | 10       |
| studio white   | <b>1755 SL/PZ-84-101</b>  | 2CKA001710A3175 | 10       |
| studio white, matt <sup>2)</sup>   | <b>1755 SL/PZ-884-101</b> | 2CKA001710A3925 | 10       |
| black matt <sup>2)</sup>   | <b>1755 SL/PZ-885-101</b> | 2CKA001710A3902 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Surface painted.

|   |                        |                 |      |
|---|------------------------|-----------------|------|
|  <p><b>Control element</b><br/>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br/>For basic blind insert 6418 U.<br/>For Busch-Universal 2gang 1way insert 6402 U.</p> |                        |                 |      |
| anthracite  | <b>6430-81-102</b>     | 2CKA006430A0326 | 1/10 |
| ivory white   | <b>6430-82-102</b>     | 2CKA006430A0327 | 1/10 |
| studio white  | <b>6430-84-102-500</b> | 2CKA006430A0400 | 1/10 |
| studio white, matt <sup>1)</sup>  | <b>6430-884-102</b>    | 2CKA006430A0385 | 1/10 |
| black matt <sup>1)</sup>  | <b>6430-885-102</b>    | 2CKA006430A0386 | 1/10 |


<sup>1)</sup> Surface painted.


|   |                 |      |  |
|---|-----------------|------|--|
|  <p><b>Standard timer control element 1)</b><br/>For manual and time-controlled switching of blinds and roller blinds.<br/>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time.<br/>The controlled devices can be manually operated at any time.<br/>Simple setting via high-resolution display with background illumination.<br/>With preset switching times/date/time.<br/>Factory-set switching times can be individually adjusted.<br/>Automatic switchover from summer time to winter time (switch-off function).<br/>Switching times/programme are safely stored in the event of a mains power failure.<br/>Power reserve for time and date &gt; 10 years.<br/>Simple toggling between manual/automatic/vacation modes.<br/>Programming possible only with control element attached and energized.<br/>2 switching times per day can be user-defined for each day of the week.<br/>Astro switching times and switching times can be combined.<br/>For basic blind insert 6418 U.<br/>Temperature range (Device): 0 °C to 35 °C</p> |                 |      |  |
| <b>6456-101</b>   | 2CKA006410A0398 | 1/10 |  |


<sup>1)</sup> See respective cover plates 6435-xx.

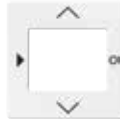



## Blind control / timers


| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <p><b>Comfort timer control element <sup>1)</sup></b><br/>For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.<br/>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.<br/>Simple setting via high-resolution display with background illumination.<br/>With preset switching times/date/time.<br/>Factory-set switching times can be individually adjusted.<br/>Automatic switchover from summer time to winter time (switch-off function).<br/>Switching times/programme are safely stored in the event of a mains power failure.<br/>Power reserve for time and date &gt; 10 years.<br/>Simple toggling between manual/automatic/vacation modes.<br/>Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function.<br/>Freely adjustable temperature and brightness-dependent sun protection function.<br/>Freely adjustable twilight function.<br/>User-adjustable running times for blinds and air conditioning.<br/>Programming possible only with control element attached and energized.<br/>6 switching times per day can be user-defined for each day of the week.<br/>Astro switching times and switching times can be combined.<br/>When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.<br/>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br/>For Busch-Universal relay switch insert 6401 U-102.<br/>For Busch-Universal master dimmer insert 6593 U.<br/>For LED dimmer insert 6524 U and 6526 U..<br/>For Busch-Memory touch-type controller 6550 U-101.<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>6455-101-500</b>                                | 2CKA006410A0399 | 1/10     |
|  | <sup>1)</sup> See respective cover plates 6435-xx. |                 |          |

|   |  |                 |      |
|---|--|-----------------|------|
|  <p><b>Time switch mechanism 16 A <sup>1)</sup> <sup>2)</sup></b><br/><b>DP, break contact for staircases, exterior lighting, fans, etc.</b><br/>Running time: 15 min<br/>For time-programmed switching of electrical consumers.<br/>Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird.<br/>Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated current: 16 A, cos φ 0.25<br/>Protection class (Device): IP 20</p> | <b>1070 U</b>  | 2CKA001043A0025 | 1/10 |
|   | <sup>1)</sup> For screw-fixing only<br><sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) |                 |      |

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <p><b>Time switch mechanism 16 A <sup>1)</sup> <sup>2)</sup></b><br/><b>DP, break contact for staircases, exterior lighting, fans, etc.</b><br/>Running time: 120 min<br/>For time-programmed switching of electrical consumers.<br/>Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird.<br/>Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated current: 16 A, cos φ 0.25<br/>Protection class (Device): IP 20</p> | <b>1071 U</b>  | 2CKA001043A0124 | 1        |
|  | <sup>1)</sup> For screw-fixing only<br><sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) |                 |          |






|  |                 |                 |                 |    |
|--|-----------------|-----------------|-----------------|----|
|  <p><b>Cover plate</b><br/>For comfort timer control element 6455-101-500.<br/>For standard timer control element 6456-101.<br/>For room thermostats 1098 U-101 and 1098 UF-101.<br/>For short-time timer 6465 U-101.<br/>For Busch-CO2 sensor 1091 U-500.<br/>For blind compact timer 6422 U.</p> | anthracite      | <b>6435-81</b>  | 2CKA006430A0303 | 10 |
|  | ivory white     | <b>6435-82</b>  | 2CKA006430A0304 | 10 |
| studio white   | <b>6435-84</b>  | 2CKA006430A0306 | 10              |    |
| studio white, matt <sup>1)</sup>   | <b>6435-884</b> | 2CKA006430A0388 | 10              |    |
| black matt <sup>1)</sup>   | <b>6435-885</b> | 2CKA006430A0389 | 10              |    |
| <sup>1)</sup> Surface painted.   |                 |                 |                 |    |






|   |                     |                    |                 |    |
|---|---------------------|--------------------|-----------------|----|
|  <p><b>Cover plate with rotary knob, with marking</b><br/>For Busch-Timer insert 1070 U.<br/>Running time: 15 min<br/>Protection class (Device): IP 20</p> | anthracite          | <b>1770-81-103</b> | 2CKA001753A0255 | 10 |
|   | ivory white         | <b>1770-82-103</b> | 2CKA001753A0256 | 10 |
| studio white  | <b>1770-84-103</b>  | 2CKA001753A0258    | 10              |    |
| studio white matt <sup>1)</sup>   | <b>1770-884-103</b> | 2CKA001753A0260    | 10              |    |
| black matt <sup>2)</sup>  | <b>1770-885-103</b> | 2CKA001753A0261    | 10              |    |
| <sup>1)</sup> Surface lacquered in aluminium.<br><sup>2)</sup> Surface painted.   |                     |                    |                 |    |

|  |                     |                    |                 |    |
|--|---------------------|--------------------|-----------------|----|
|  <p><b>Cover plate with rotary knob, with marking</b><br/>For Busch-Timer insert 1071 U.<br/>Running time: 120 min<br/>Protection class (Device): IP 20</p> | anthracite          | <b>1771-81-103</b> | 2CKA001753A0265 | 10 |
|  | ivory white         | <b>1771-82-103</b> | 2CKA001753A0266 | 10 |
| studio white   | <b>1771-84-103</b>  | 2CKA001753A0301    | 10              |    |
| studio white matt <sup>1)</sup>  | <b>1771-884-103</b> | 2CKA001753A0303    | 10              |    |
| black matt <sup>1)</sup>   | <b>1771-885-103</b> | 2CKA001753A0304    | 10              |    |
| <sup>1)</sup> Surface painted.   |                     |                    |                 |    |

**carat®**


Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Blind insert, 1 gang, 2 way flex</b><br>3 wire connection (neutral conductor required). For the control of roller shutters, blind and awning motors with mechanical or electronic limit switch shut-off. Group formation via extension input possible. Operation also via conventional push buttons (2020 US non-illuminated/2021/6 UK) possible. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL.  |                 |          |
|   | <b>64831 U-500</b>   | 2CKA006400A0096 | 1        |
|    | <b>Extension insert flex</b><br>3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts.   |                 |          |
|   | <b>64891 U-500</b>   | 2CKA006800A3051 | 1        |
|  | <b>Control element, 1 gang flex</b><br>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.  |                 |          |
|   | <b>64711-500</b>   | 2CKA006400A0099 | 1        |
|  | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62711-WL-500</b>  | 2CKA006200A0281 | 1        |
|  | <b>Control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.   |                 |          |
|   | <b>64721-500</b>   | 2CKA006400A0101 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1        |
|   | <b>Weather Station</b><br>For recording and transmitting of brightness, temperature, wind speed and rain. Weather data can be linked with actuators to automatically control functions. Weather data can be visualized in the free@home web interface and the free@home app. Remote operation via the Bluetooth and smartphone/tablet app.  |                 |          |
|   | <b>WS-1-WL.1</b>  | 2CKA006200A0297 | 1        |
|  | <b>Standard Inputs</b><br>WS-1/A1.1 Mast adapter weather station  |                 |          |
|   | <b>WS-1/A1.1</b>  | 2CKA006200A0848 | 1        |
|  | <b>Rocker 1gang, with "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| antracite   | SRB-1-81  | 2CKA006220A0143 | 1        |
| ivory white   | SRB-1-82  | 2CKA006220A0518 | 1        |
| studio white  | SRB-1-84  | 2CKA006220A0145 | 1        |
| studiowhite matt  | SRB-1-884   | 2CKA006220A0603 | 1        |
|  | <b>Rocker 2gang left/right, "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| anthracite  | SRB-2-81  | 2CKA006220A0158 | 1        |
| ivory white   | SRB-2-82  | 2CKA006220A0523 | 1        |
| studio white  | SRB-2-84  | 2CKA006220A0160 | 1        |
| studiowhite matt  | SRB-2-884   | 2CKA006220A0608 | 1        |


**carat®**

Blind control / timers


| Product   | Article-No.  | Order-No.   | Pack/Qty        |   |
|---|--|-------------|-----------------|---|
|  | <b>Rocker</b><br><b>2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/<br>actuator units |             |                 |   |
|   | anthracite   | SRS-2-R-81  | 2CKA006220A0173 | 1 |
|   | ivory white  | SRS-2-R-82  | 2CKA006220A0528 | 1 |
|   | studio white   | SRS-2-R-84  | 2CKA006220A0175 | 1 |
|   | studiowhite<br>matt  | SRS-2-R-884 | 2CKA006220A0613 | 1 |

## carat®

### Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUC-81-500</b>  | 2CKA002011A6215 | 10/100   |
| ivory white   | <b>20 EUC-82-500</b>  | 2CKA002011A6214 | 10/100   |
| studio white  | <b>20 EUC-84-500</b>  | 2CKA002011A6207 | 10/100   |
| studio white, matt  | <b>20 EUC-884-500</b>   | 2CKA002011A6208 | 10       |
| black matt <sup>1)</sup>  | <b>20 EUC-885-500</b>   | 2CKA002011A6211 | 10/100   |

<sup>1)</sup> Surface painted.

|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>20 EUCKS-81</b>  | 2CKA002013A5265 | 10     |
| ivory white  | <b>20 EUCKS-82-500</b>  | 2CKA002013A5376 | 10/100 |
| studio white   | <b>20 EUCKS-84-500</b>  | 2CKA002013A5372 | 10/100 |
| studio white, matt   | <b>20 EUCKS-884-500</b>   | 2CKA002013A5373 | 10/100 |
| black matt <sup>2)</sup>   | <b>20 EUCKS-885</b>   | 2CKA002013A5333 | 10/100 |

<sup>1)</sup> Increased shock protection.


<sup>2)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>23 EUCB-81</b>  | 2CKA002013A5474 | 10     |
| ivory white   | <b>23 EUCB-82</b>  | 2CKA002013A5475 | 10     |
| studio white  | <b>23 EUCB-84</b>  | 2CKA002013A5477 | 10/100 |
| studio white, matt <sup>3)</sup>  | <b>23 EUCB-884</b>   | 2CKA002013A5479 | 10     |
| black matt <sup>3)</sup>  | <b>23 EUCB-885</b>   | 2CKA002013A5480 | 10     |

<sup>1)</sup> Increased shock protection.

<sup>2)</sup> With screw-type terminal for rigid and flexible wires

<sup>3)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® USB socket outlet, 2gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> shuttered</b><br>For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: SCHUKO® socket outlet<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Output voltage: 5 V-<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |          |
| anthracite  | <b>20 EUCB2USB-81-500</b>   | 2CKA002011A6268 | 1/10     |
| ivory white   | <b>20 EUCB2USB-82-500</b>   | 2CKA002011A6270 | 1/10     |
| studio white  | <b>20 EUCB2USB-84-500</b>   | 2CKA002011A6274 | 1/10     |
| studio white matt <sup>5)</sup>   | <b>20 EUCB2USB-884-500</b>  | 2CKA002011A6278 | 1/10     |
| black matt <sup>5)</sup>  | <b>20 EUCB2USB-885-500</b>  | 2CKA002011A6280 | 1/10     |


<sup>1)</sup> Increased shock protection.

<sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>3)</sup> No data transfer.

<sup>4)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.

<sup>5)</sup> Surface painted.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>SCHUKO® socket outlet steplight® <sup>1)</sup> With night orientation light</b><br>with separate connection cables for switch contact.<br>with LED,<br>Shuttered.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>20 EUCBLI-81</b>  | 2CKA002013A5459 | 1  |
| ivory white   | <b>20 EUCBLI-82</b>  | 2CKA002013A5292 | 1  |
| studio white  | <b>20 EUCBLI-84</b>  | 2CKA002013A5294 | 1  |
| studio white, matt <sup>2)</sup>  | <b>20 EUCBDR-884</b>   | 2CKA002013A5420 | 10 |
| black matt <sup>2)</sup>  | <b>20 EUCBDR-885</b>   | 2CKA002013A5421 | 10 |

<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.


<sup>2)</sup> Surface painted.




## Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with labelling field</b><br>DP (2 P + E)<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUN-81</b>   | 2CKA002011A3802 | 10       |
| ivory white   | <b>20 EUN-82</b>   | 2CKA002011A3726 | 10       |
| studio white  | <b>20 EUN-84-500</b>   | 2CKA002011A6209 | 10/100   |
| studio white, matt <sup>2)</sup>  | <b>20 EUN-884</b>  | 2CKA002011A3881 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUN-885</b>  | 2CKA002011A3884 | 10       |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).  
<sup>2)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with marking "EDV"</b><br>With screwless terminals.<br>DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>20 EUCKS/DV-81</b>  | 2CKA002013A5266 | 10 |
| ivory white  | <b>20 EUCKS/DV-82</b>  | 2CKA002013A5267 | 10 |
| studio white   | <b>20 EUCKS/DV-84</b>  | 2CKA002013A5268 | 10 |
| studio white, matt <sup>2)</sup>   | <b>20 EUCKS/DV-884</b>   | 2CKA002013A5327 | 10 |
| black matt <sup>2)</sup>   | <b>20 EUCKS/DV-885</b>   | 2CKA002013A5332 | 10 |


<sup>1)</sup> Increased shock protection.  
<sup>2)</sup> Surface painted.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Busch-Protector® SCHUKO® socket outlet <sup>1)</sup> with overvoltage protection</b><br>DP (2 P + E)<br>With integrated and external signalling contact.<br>ISN = 5 kA<br>Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems.<br>Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet.<br>Arrestor test class: classification Type 2<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
| anthracite  | <b>2310 EUGL/VA-81-11</b>   | 2CKA002011A3830 | 1    |
| ivory white   | <b>2310 EUGL/VA-82-11</b>   | 2CKA002011A3831 | 1    |
| studio white  | <b>2310 EUGL/VA-84-11</b>   | 2CKA002011A3833 | 1    |
| red RAL 3020  | <b>2310 EUGL/VA-12-82-101</b>   | 2CKA002011A6257 | 1/10 |


<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet with LED control light</b><br>Shuttered.<br>DP (2 P + E)<br>With transparent lens.<br>LED colour green.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUCBL-81</b>   | 2CKA002013A5457 | 10       |
| ivory white   | <b>20 EUCBL-82</b>   | 2CKA002013A5284 | 10       |
| studio white  | <b>20 EUCBL-84</b>   | 2CKA002013A5286 | 10       |
| studio white, matt <sup>1)</sup>  | <b>20 EUCBL-884</b>  | 2CKA002013A5336 | 10       |
| black matt <sup>1)</sup>  | <b>20 EUCBL-885</b>  | 2CKA002013A5330 | 10       |

<sup>1)</sup> Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet with hinged lid</b><br>With screwless terminals.<br>DP (2 P + E)<br>Hinged lid notches when opened.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>20 EUK-81</b>   | 2CKA002018A1486 | 10     |
| ivory white  | <b>20 EUK-82</b>   | 2CKA002018A1465 | 10     |
| studio white   | <b>20 EUK-84-500</b>   | 2CKA002018A1509 | 10/100 |
| studio white, matt <sup>1)</sup>   | <b>20 EUK-884</b>  | 2CKA002018A1494 | 10     |
| black matt <sup>1)</sup>   | <b>20 EUK-885</b>  | 2CKA002018A1495 | 10     |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Busch-Object socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Incl. Cover plate with extract mechanism.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>20 EUAB-81</b>   | 2CKA002013A5404 | 10 |
| ivory white   | <b>20 EUAB-82</b>   | 2CKA002013A5405 | 10 |
| studio white  | <b>20 EUAB-84</b>   | 2CKA002013A5407 | 10 |
| studio white, matt <sup>2)</sup>  | <b>20 EUAB-884</b>  | 2CKA002013A5409 | 10 |
| black matt <sup>2)</sup>  | <b>20 EUAB-885</b>  | 2CKA002013A5410 | 10 |

<sup>1)</sup> Increased shock protection.  
<sup>2)</sup> Surface painted.



## Socket outlets


| Product  | Article-No.                     | Order-No.                  | Pack/Qty        |      |
|--|---------------------------------|----------------------------|-----------------|------|
|  <p><b>USB socket outlet earthing pin, 2gang <sup>1)</sup> <sup>2)</sup> shuttered</b><br/>           For connecting electric loads.<br/>           DP (2 P + E)<br/>           With screwless terminals.<br/>           For supply and support of mobile devices via USB-cable.<br/>           With two USB type A outputs.<br/>           Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br/>           Support of loading protocol on the USB-A connection:<br/>           Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Suitable for the countries: Belgium, Poland, Czech Republic.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Secondary: 5 V-, +5 % / -5 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 2x USB charging interface<br/>           Suitable for: Earth pin socket<br/>           Rated current: 16 A<br/>           Suitable for: In case one output is used:<br/>           Rated current: 2.4 A<br/>           Suitable for: In case two output are used:<br/>           Rated current: 1.2 A<br/>           Output voltage: 5 V-<br/>           Rated power: 12 W<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br/>           Mounting depth: 39.5 mm</p> | anthracite                      | <b>20 MUCB2USB-81-500</b>  | 2CKA002011A6290 | 1    |
|  | ivory white                     | <b>20 MUCB2USB-82-500</b>  | 2CKA002017A1889 | 1/10 |
|  | studio white                    | <b>20 MUCB2USB-84-500</b>  | 2CKA002017A1891 | 1/10 |
|  | studio white matt <sup>4)</sup> | <b>20 MUCB2USB-884-500</b> | 2CKA002017A1893 | 1/10 |
|  | black matt <sup>4)</sup>        | <b>20 MUCB2USB-885-500</b> | 2CKA002017A1894 | 1/10 |

<sup>1)</sup> Socket outlet with integrated child protection. Replaces the usual term"...with child protection".






<sup>2)</sup> No data transfer.

<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.

<sup>4)</sup> Surface painted.

| Product  | Article-No.                      | Order-No.            | Pack/Qty        |   |
|--|----------------------------------|----------------------|-----------------|---|
|  <p><b>Shaver socket outlet</b><br/>           For installation into FM 2gang wall box 3030 and 3031.<br/>           Rated voltage: 240 V, +10 % / -10 %<br/>           Output voltage: 115 V, +10 % / -10 %<br/>           Secondary: 240 V, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 20 VA</p> | anthracite                       | <b>2332 UJBS-81</b>  | 2CKA002130A0297 | 1 |
|  | ivory                            | <b>2332 UJBS-82</b>  | 2CKA002130A0290 | 1 |
|  | studio white                     | <b>2332 UJBS-84</b>  | 2CKA002130A0292 | 1 |
|  | studio white, matt <sup>1)</sup> | <b>2332 UJBS-884</b> | 2CKA002130A0294 | 1 |
|  | black matt <sup>1)</sup>         | <b>2332 UJBS-885</b> | 2CKA002130A0295 | 1 |


<sup>1)</sup> Surface painted.

| Product  | Article-No.   | Order-No.                | Pack/Qty            |                 |
|--|---|--------------------------|---------------------|-----------------|
|  <p><b>Flush-mounting wall box, 2gang</b><br/>           For shaver socket outlet 2332 UJBS-8xx.<br/>           Protection class (Device): IP 20<br/>           Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm</p>   | <b>3030</b>   | 2CKA001741A0067          | 4                   |                 |
|  |  <p><b>Flush-mounting cavity wall box, 2gang</b><br/>           For shaver socket outlet 2332 UJBS-8xx.<br/>           Protection class (Device): IP 20<br/>           Dimensions: (L x W x D): 142 mm x 75 mm x 45 mm</p> | <b>3031</b>              | 2CKA001741A0068     | 4               |
|  <p><b>13 A Switched socket outlet</b><br/>           1gang<br/>           With screw-type terminals.<br/>           SP switched<br/>           Without claws.<br/>           Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.<br/>           Rated voltage: 250 V~<br/>           Rated current: 13 ABS 1363: part2</p> |   | anthracite               | <b>2190 EUC-81</b>  | 2CKA002190A0216 |
|  | ivory   | <b>2190 EUC-82</b>       | 2CKA002190A0213     | 10/100          |
|  | studio white  | <b>2190 EUC-84</b>       | 2CKA002190A0215     | 10/100          |
|  | studio white, matt <sup>1)</sup>  | <b>2190 EUC-884</b>      | 2CKA002190A0218     | 10              |
|  | black matt <sup>1)</sup>  | <b>2190 EUC-885</b>      | 2CKA002190A0219     | 10              |
| <sup>1)</sup> Surface painted.   |   |                          |                     |                 |
|  <p><b>2gang European/American socket outlet, 10A</b><br/>           2gang<br/>           With screw-type terminals.<br/>           SP switched<br/>           Without claws.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           delivery on request</p>  | anthracite  | <b>2192-02 UC-81-500</b> | delivery on request |                 |
|  | ivory white   | <b>2192-02 UC-82-500</b> | delivery on request |                 |
|  | studio white  | <b>2192-02 UC-84-500</b> | delivery on request |                 |
|  | <sup>1)</sup> Insert can be used for all covers 2399 UCKS-xx.   |                          |                     |                 |
|  <p><b>Socket outlet <sup>1)</sup> with earth pin</b><br/>           With screwless terminals.<br/>           Suitable for the countries: Belgium, Poland, Czech Republic.<br/>           DP (2 P + E)<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A</p>  | <b>20 M-500</b>   | 2CKA002017A0854          | 10/100              |                 |






## Socket outlets


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Socket outlet cover frame shuttered</b><br>For socket outlet insert 20 M-500. |                 |          |
| anthracite  | <b>2399 UCKS-81</b>  | 2CKA002099A0216 | 10       |
| ivory   | <b>2399 UCKS-82</b>  | 2CKA002099A0211 | 10       |
| studio white  | <b>2399 UCKS-84</b>  | 2CKA002099A0214 | 10       |
| studio white, matt <sup>1)</sup>  | <b>2399 UCKS-884</b>   | 2CKA002099A0255 | 10       |
| black matt <sup>1)</sup>  | <b>2399 UCKS-885</b>   | 2CKA002099A0256 | 10/100   |

<sup>1)</sup>Surface painted.


|  |   |  |  |
|--|---|--|--|
|  | <b>Chinese socket outlet, 10 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Rated current: 10 A<br>delivery on request |  |  |
| anthracite   | <b>2193 EUC/10-81-500</b>   |  |  |
|  | delivery on request   |  |  |
| ivory white  | <b>2193 EUC/10-82-500</b>   |  |  |
|  | delivery on request   |  |  |
| studio white   | <b>2193 EUC/10-84-500</b>   |  |  |


|   |  |  |  |
|---|--|--|--|
|  | <b>Chinese socket outlet, 16 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request |  |  |
| anthracite  | <b>2193 EUC/16-81-500</b>  |  |  |
|   | delivery on request  |  |  |
| ivory white   | <b>2196 EUC/16-82-500</b>  |  |  |
|   | delivery on request  |  |  |
| studio white  | <b>2193 EUC/16-84-500</b>  |  |  |

|   |  |  |  |
|---|--|--|--|
|  | <b>Chinese and Euro American socket outlet, 10 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>delivery on request |  |  |
| anthracite  | <b>2195 EUC/10-81-500</b>  |  |  |
|   | delivery on request  |  |  |
| ivory white   | <b>2195 EUC/10-82-500</b>  |  |  |
|   | delivery on request  |  |  |
| studio white  | <b>2195 EUC/10-84-500</b>  |  |  |

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|  | <b>International socket outlet 13A <sup>1)</sup></b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 13 A<br>delivery on request |           |          |
| anthracite  | <b>2197 EUC-81-500</b>   |           |          |
|   | delivery on request  |           |          |
| ivory white   | <b>2197 EUC-82-500</b>   |           |          |
|   | delivery on request  |           |          |
| studio white  | <b>2197 EUC-84-500</b>   |           |          |

<sup>1)</sup>Usage may be restricted in certain countries.

|  |   |  |  |
|--|---|--|--|
|  | <b>Euro American socket outlet with earth, 16 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request |  |  |
| anthracite   | <b>2196 EUC-81-500</b>  |  |  |
|  | delivery on request   |  |  |
| ivory white  | <b>2196 EUC-82-500</b>  |  |  |
|  | delivery on request   |  |  |
| studio white   | <b>2196 EUC-84-500</b>  |  |  |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet without claw <sup>1)</sup></b><br><b>shuttered</b><br>Without claws.<br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUCRB-81</b>   | 2CKA002013A5437 | 10/100 |
| ivory white   | <b>20 EUCRB-82</b>   | 2CKA002013A5438 | 10/100 |
| studio white  | <b>20 EUCRB-84-500</b>   | 2CKA002013A5441 | 10/100 |
| studio white, matt <sup>2)</sup>  | <b>20 EUCRB-884</b>  | 2CKA002013A5443 | 10     |
| black matt <sup>2)</sup>  | <b>20 EUCRB-885</b>  | 2CKA002013A5444 | 10/100 |

<sup>1)</sup>Increased shock protection.


<sup>2)</sup>Surface painted.

# carat®


## Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2300 EUCB-81</b>  | 2CKA002013A5448 | 10       |
| ivory white   | <b>2300 EUCB-82</b>  | 2CKA002013A5449 | 10/100   |
| studio white  | <b>2300 EUCB-84</b>  | 2CKA002013A5451 | 10/100   |
| studio white, matt <sup>3)</sup>  | <b>2300 EUCB-884</b>   | 2CKA002013A5453 | 10/100   |
| black matt <sup>3)</sup>  | <b>2300 EUCB-885</b>   | 2CKA002013A5454 | 10/100   |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> With screw-type terminals<sup>3)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Busch-Socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>With eject mechanism.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>20 EUCBDR-81</b>  | 2CKA002013A5415 | 10 |
| ivory white  | <b>20 EUCBDR-82</b>  | 2CKA002013A5416 | 10 |
| studio white   | <b>20 EUCBDR-84</b>  | 2CKA002013A5418 | 10 |
| studio white, matt <sup>2)</sup>   | <b>20 EUCBDR-884</b>   | 2CKA002013A5420 | 10 |
| black matt <sup>2)</sup>   | <b>20 EUCBDR-885</b>   | 2CKA002013A5421 | 10 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> with label field, increased shock protection</b><br>Size of labelling field: 60 x 9 mm.<br>With screwless terminals.<br>DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUCNB-81</b>  | 2CKA002013A5427 | 10     |
| ivory white   | <b>20 EUCNB-82</b>  | 2CKA002013A5428 | 10     |
| studio white  | <b>20 EUCNB-84-500</b>  | 2CKA002013A5431 | 10/100 |
| studio white, matt <sup>3)</sup>  | <b>20 EUCNB-884</b>   | 2CKA002013A5433 | 10/100 |
| black matt <sup>3)</sup>  | <b>20 EUCNB-885</b>   | 2CKA002013A5434 | 10/100 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Increased shock protection .<sup>3)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with earth leakage circuit breaker</b><br>Shuttered.<br>DP cut off (P,N)<br>Without PE monitoring.<br>With output terminals for connecting and protecting downstream SCHUKO® socket outlets.<br>Rated fault current: 30 mA.<br>With fixing claws.<br>Rated frequency: 45-60 Hz.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20<br>Temperature range (Device): -25 °C to 40 °C |                 |          |
| anthracite  | <b>3120 EUCB-81</b>   | 2CKA003116A0667 | 1/10     |
| ivory white   | <b>3120 EUCB-82</b>   | 2CKA003116A0661 | 1        |
| studio white  | <b>3120 EUCB-84</b>   | 2CKA003116A0662 | 1        |
| studio white, matt <sup>4)</sup>  | <b>3120 EUCB-884</b>  | 2CKA003116A0670 | 1/10     |
| black matt <sup>4)</sup>  | <b>3120 EUCB-885</b>  | 2CKA003116A0671 | 1/10     |


<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.<sup>2)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.<sup>3)</sup> Increased shock protection .<sup>4)</sup> Surface painted.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Buschmat® FI - Insert <sup>1)</sup> with earth leakage breaker with connecting conductor</b><br>Protection of downstream consumers.<br>Rated fault current: 30 mA.<br>DP cut off (P,N)<br>With fixing claws.<br>Rated frequency: 45-60 Hz.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20<br>Temperature range (Device): -25 °C to 40 °C |                 |      |
| anthracite  | <b>3151 UC-81</b>  | 2CKA003117A0009 | 1/10 |
| ivory white   | <b>3151 UC-82</b>  | 2CKA003117A0005 | 1/10 |
| studio white  | <b>3151 UC-84</b>  | 2CKA003117A0006 | 1/10 |
| studio white, matt <sup>2)</sup>  | <b>3151 UC-884</b>   | 2CKA003117A0012 | 1/10 |
| black matt <sup>2)</sup>  | <b>3151 UC-885</b>   | 2CKA003117A0013 | 1/10 |


<sup>1)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.<sup>2)</sup> Surface painted.




## Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and internal increased shock protection</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUKB-81</b>  | 2CKA002018A1517 | 10/100   |
| ivory white   | <b>20 EUKB-82</b>  | 2CKA002018A1518 | 10/100   |
| studio white  | <b>20 EUKB-84</b>  | 2CKA002018A1520 | 10/100   |
| studio white, matt <sup>2)</sup>  | <b>20 EUKB-884</b>   | 2CKA002018A1522 | 10/100   |
| black matt <sup>2)</sup>  | <b>20 EUKB-885</b>   | 2CKA002018A1523 | 10/100   |
| anthracite <sup>3)</sup>  | <b>20 EUKBR-81</b>   | 2CKA002018A1526 | 10/100   |
| ivory <sup>3)</sup>   | <b>20 EUKBR-82</b>   | 2CKA002018A1527 | 10/100   |
| studio white <sup>3)</sup>  | <b>20 EUKBR-84</b>   | 2CKA002018A1529 | 10/100   |
| studio white, matt <sup>2)</sup> <sup>3)</sup>                                    | <b>20 EUKBR-884</b>  | 2CKA002018A1530 | 10/100   |
| black matt <sup>2)</sup> <sup>3)</sup>  | <b>20 EUKBR-885</b>  | 2CKA002018A1531 | 10/100   |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.<sup>3)</sup> Without claw.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with hinged lid and labelling field</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUKNB-81</b>  | 2CKA002018A1537 | 10/100 |
| ivory white   | <b>20 EUKNB-82</b>  | 2CKA002018A1538 | 10/100 |
| studio white  | <b>20 EUKNB-84</b>  | 2CKA002018A1540 | 10/100 |
| studio white, matt <sup>4)</sup>  | <b>20 EUKNB-884</b>   | 2CKA002018A1541 | 10/100 |
| black matt <sup>4)</sup>  | <b>20 EUKNB-885</b>   | 2CKA002018A1542 | 10/100 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> The labels are clamped under the labelling field.<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>4)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and lock</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>With different lock mechanism.<br>Delivery includes 2 keys.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>20 EUKNBSL-81</b>  | 2CKA002018A1557 | 10 |
| ivory white   | <b>20 EUKNBSL-82</b>  | 2CKA002018A1559 | 10 |
| studio white  | <b>20 EUKNBSL-84</b>  | 2CKA002018A1563 | 10 |
| studio white, matt <sup>2)</sup>  | <b>20 EUKNBSL-884</b>   | 2CKA002018A1565 | 10 |
| black matt <sup>2)</sup>  | <b>20 EUKNBSL-885</b>   | 2CKA002018A1567 | 10 |

<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and lock</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>With evenly engaging lock.<br>Delivery includes 2 keys.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUKNBSL-81-101</b>  | 2CKA002018A1558 | 10       |
| ivory white   | <b>20 EUKNBSL-82-101</b>  | 2CKA002018A1560 | 10       |
| studio white  | <b>20 EUKNBSL-84-101</b>  | 2CKA002018A1564 | 10       |
| studio white, matt <sup>2)</sup>  | <b>20 EUKNBSL-884-101</b>   | 2CKA002018A1566 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUKNBSL-885-101</b>   | 2CKA002018A1568 | 10       |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with hinged lid, labelling field and LED control light</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>20 EUKNBL-81</b>  | 2CKA002018A1548 | 10/100 |
| ivory white  | <b>20 EUKNBL-82</b>  | 2CKA002018A1549 | 10/100 |
| studio white   | <b>20 EUKNBL-84</b>  | 2CKA002018A1551 | 10/100 |
| studio white, matt <sup>4)</sup>   | <b>20 EUKNBL-884</b>   | 2CKA002018A1552 | 10/100 |
| black matt <sup>4)</sup>   | <b>20 EUKNBL-885</b>   | 2CKA002018A1553 | 10/100 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> The labels are clamped under the labelling field.<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>4)</sup> Surface painted.




## Data communication


| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>WLAN access point, flush-mounted <sup>1)</sup> <sup>2)</sup> power supply from mains power</b><br/>           Operation as WLAN access point for the connection of WLAN terminal devices to the LAN.<br/>           Operation as WLAN repeater for extending the transmission range of a WLAN.<br/>           Operation as WLAN adapter for integrating Ethernet terminal devices into a WLAN.<br/>           Supports WLAN standards IEEE 802.11b/g/n with 2.4 GHz; integrated WLAN antenna.<br/>           Backward connection of an Ethernet cable via screw terminals (10/100 Mbit/s).<br/>           Front-side Ethernet connection via a RJ45 socket (10/100 Mbit/s).<br/>           The three connections (WLAN, Ethernet/screw terminals and Ethernet/RJ45) can be used in parallel via the integrated switch.<br/>           Power supply via 2-pole connecting terminal.<br/>           Nominal voltage: 100 - 240 V~<br/>           For mounting in commercially available deep flush-mounted and hollow-wall boxes.<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Dimensions: (L x W x D): 80 mm</p> <p><b>8186/31-101-500</b>      2CKA008100A0359      1</p> |             |           |          |

<sup>1)</sup> Suitable for cover plate 1803-xxx.<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.


|  |  |  |  |
|--|--|--|--|
|  <p><b>Reset magnet</b><br/>           For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.<br/>           Protection class (Device): IP 20</p> <p><b>8186/11-500</b>      2CKA008100A0361      1</p> |  |  |  |
|--|--|--|--|

|   |  |  |  |
|---|--|--|--|
|  <p><b>Universal data connection unit, cat. 3 <sup>1)</sup> 1gang</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0213-500</b>      2CKA000230A1549      10/100</p> |  |  |  |
|---|--|--|--|


<sup>1)</sup> Suitable for cover plate 1803-xxx.

|   |   |  |  |
|---|---|--|--|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2gang internally parallel connected</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0214</b>      2CKA000230A0235      10/100</p> |   |  |  |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |  |  |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |  |  |
| <b>neon indicator:</b>  | not applicable  |  |  |

<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2 x outlets, 8/8-pole</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0215</b>      2CKA000230A0243      10</p> |   |           |          |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |           |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |           |          |
| <b>neon indicator:</b>  | not applicable  |           |          |





<sup>1)</sup> Suitable for cover plate 1803-02-xxx.



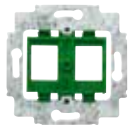

|   |  |  |  |
|---|--|--|--|
|  <p><b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>           With down-leading outlet and LSA self-cutting clamps.<br/>           RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>           Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>           Terminal marking A and B according to TIA/EIA-568-B.2.<br/>           Typ according to EN 60 603-7-51:2011-01.<br/>           Shielding according to DIN EN 55022, Class B.<br/>           Up to 500 MHz on all pairs of wires.<br/>           Suitable for 10-Gigabit Ethernet.<br/>           Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>           Flex cable entries from all sides without buckles.<br/>           Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>           Re-embedded proofed.<br/>           Suitable for Mix-and-Match operation.<br/>           Suitable for RJ 11, RJ 12 und RJ 45.<br/>           For data cables with a diameter of 6 -10 mm.<br/>           For wires of AWG 24-22.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without claws.<br/>           Mounting depth: 31 mm.<br/>           Protection class (Device): IP 20</p> <p><b>0218/11-101</b>      2CKA000230A0409      1/10</p> |  |  |  |
|---|--|--|--|

<sup>1)</sup> Suitable for cover plate 1803-xxx.








## Data communication





| Product  | Article-No.              | Order-No.       | Pack/Qty |
|--|--------------------------|-----------------|----------|
|  <p><b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup></b><br/> <b>2 x outlets, 8/8-pole</b><br/>           With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06. Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B. Up to 500 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet. Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability. Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. Suitable for RJ 11, RJ 12 und RJ 45. For data cables with a diameter of 6 -10 mm. For trunk systems, flush-mounted wall boxes and underfloor systems. For wires of AWG 24-22. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20</p> | <b>0218/12-101</b>       | 2CKA000230A0411 | 1/10     |
| <sup>1)</sup> Suitable for cover plate 1803-02-xxx.  |                          |                 |          |
|  <p><b>Universal data connection box 8(6)/ telephone unit 6F+N - connection box <sup>1)</sup></b><br/> <b>2 x 6-pole</b><br/>           with straight outlet, with screw contacts, Universal data-connection boxes: RJ 11/12, ISDN capable Cat. 3 in acc. with IEC 603-7/German Standard DIN EN 60603-7, Telecommunication outlet (telephone unit ): for 1 telephone, 1 auxiliary device or 1 data transmission unit, With claw. Protection class (Device): IP 20</p>   | <b>UAE 8(6)TAE 6 F+N</b> | 2CKA000230A0381 | 10/100   |
| white  |                          |                 |          |
| <sup>1)</sup> Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.   |                          |                 |          |
|  <p><b>Satellite co-axial outlets</b><br/> <b>2 connectors/dead-end feeder</b><br/>           Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20</p>   | <b>0230-101</b>          | 2CKA000230A0250 | 10/100   |
|  <p><b>Antenna socket insert Radio/TV</b><br/> <b>2 connectors/loop through type</b><br/>           Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20</p>   | <b>0231-101</b>          | 2CKA000230A0268 | 10/100   |

| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Satellite co-axial outlets Radio/TV/SAT</b><br/> <b>3gang dead-end feeder</b><br/>           Broadband technology 47-2.150 MHz. SAT connection designed as screwable F-male plug. with remote feed via F-bush For DVB-T and broadband-cable-systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20</p>   | <b>0232-101-500</b> | 2CKA000230A0463 | 10/100   |
|  <p><b>Terminating resistor</b><br/> <b>75 Ohm</b><br/>           Protection class (Device): IP 20</p>  | <b>0239</b>         | 2CKA000230A0201 | 10/100   |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup></b><br/> <b>with green insert</b><br/>           For 2 modular jack inserts. For systems: CommScope (AVAYA / AT&amp;T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx. With R&amp;M adapter R310694 suitable for R&amp;M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws. Protection class (Device): IP 20</p>  | <b>1810-500</b>     | 2CKA001753A9974 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.  |                     |                 |          |
| <sup>2)</sup> For further information, please refer on the Internet.   |                     |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup></b><br/> <b>with red insert</b><br/>           For 2 modular jack inserts. Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas &amp; Betts For Telegärtner AMJ/UMJ connection modules/ couplings. For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk. Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws. Protection class (Device): IP 20</p> | <b>1812-500</b>     | 2CKA001753A9972 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.  |                     |                 |          |
| <sup>2)</sup> For further information, please refer on the Internet.   |                     |                 |          |




## Data communication


| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with black insert</b><br/>For MTRJ or 2 modular jack inserts.<br/>For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.<br/>For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.<br/>Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1814-500</b> | 2CKA001753A9973 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/><sup>2)</sup> For further information, please refer on the Internet.</p>  |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with blue insert</b><br/>For 2 modular jack inserts.<br/>For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III.<br/>Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>  | <b>1816</b>     | 2CKA001710A3100 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/><sup>2)</sup> For further information, please refer on the Internet.</p>  |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with orange base</b><br/>For 2 modular jack inserts.<br/>For system: LexCom 150 and LexCom 250.<br/>Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>   | <b>1819</b>     | 2CKA001753A8056 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/><sup>2)</sup> For further information, please refer on the Internet.</p>  |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with grey base</b><br/>For 2 modular jack inserts.<br/>For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.<br/>Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>  | <b>1820</b>     | 2CKA001753A8057 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/><sup>2)</sup> For further information, please refer on the Internet.</p>  |                 |                 |          |
|  <p><b>Flush-mounted assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For flush-mounted installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p>   | <b>0219/12</b>  | 2CKA000230A0395 | 1/10     |


| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Channel assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For channel and under-floor installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p>   | <b>0219/13</b>  | 2CKA000230A0396 | 1/10     |
|  <p><b>Universal module, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>For installation in installation adapter 0219/12 or 0219/13.<br/>Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB.<br/>RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>Cat. 6A according to ISO/IEC 11801: 2011-06.<br/>Terminal marking A and B according to TIA/EIA-568-B.2.<br/>Typ according to EN 60 603-7-51:2011-01.<br/>Shielding according to DIN EN 55022, Class B.<br/>Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>Bend-radius optimised cable feed (30°).<br/>Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>Re-embedded proofed.<br/>Suitable for Mix-and-Match operation.<br/>For 8-pole plug RJ 45 only.<br/>Housing made from diecast zinc.<br/>With integrated dust-protection cap (can be removed if necessary).<br/>With insulation displacement connection<br/>For data cables with a diameter of 6 -10 mm.<br/>For wires of AWG 24-22.<br/>For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>Protection class (Device): IP 20</p> | <b>0219-101</b> | 2CKA000230A0413 | 1/10     |
| <p><sup>1)</sup> With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.</p>   |                 |                 |          |
|  <p><b>Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>   | <b>0210</b>     | 2CKA000225A0078 | 10       |
|  <p><b>Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>   | <b>0211</b>     | 2CKA000225A0086 | 10       |


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## Data communication

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Built-in jack</b><br/>For potential balancing jack cover plate and installation in cover plates.<br/>For devices of 19 mm diameter.<br/>Protection class (Device): IP 20</p> | <b>0471-0-0037</b> | 2CKA000471A0037 | 10       |


|   |                    |                 |    |
|---|--------------------|-----------------|----|
|  <p><b>Potential balancing plug</b><br/>Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.<br/>For potential balancing jack cover plate (connection up to 6 mm<sup>2</sup> crimped or soldered)<br/>Protection class (Device): IP 20</p> | <b>0299-0-0032</b> | 2CKA000299A0032 | 10 |
|---|--------------------|-----------------|----|

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Blank plate with metal mounting plate</b><br/>Protection class (Device): IP 20</p> | <b>1742-81</b>  | 2CKA001710A3612 | 10 |
|   | <b>1742-82</b>  | 2CKA001710A3143 | 10 |
| <b>1742-84-500</b>  | 2CKA001710A3991 | 10/100          |    |
| <b>1742-884</b>   | 2CKA001710A3873 | 10/100          |    |
| <b>1742-885</b>   | 2CKA001710A3895 | 10              |    |


<sup>1)</sup> Surface painted.

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Cover plate <sup>1)</sup></b><br/>As cover for flex outlet, for cords up to 10.3 mm diameter.<br/>With strain relief (without terminal block).<br/>Protection class (Device): IP 20</p> | <b>1749-81</b>  | 2CKA001710A3614 | 10 |
|   | <b>1749-82</b>  | 2CKA001710A3145 | 10 |
| <b>1749-84</b>  | 2CKA001710A3163 | 10/100          |    |

<sup>1)</sup> Cover plate can also be used individually as cover for telephone connector boxes (VDo).

| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Cover plate <sup>1)</sup></b><br/>As cover for universal data connection boxes.<br/>Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br/>For WLAN access points 8186/31 and 8186/41.<br/>Brand-Rex (WAEGV 8 EKR/EK).<br/>BTR ( universal data connecting unit design and IAE design).<br/>Telegärtner (AMJ 45, UMJ 45).<br/>With down-leading outlet.<br/>With labelling field.<br/>Size of labelling field: 60 x 9 mm.<br/>Protection class (Device): IP 20</p> | <b>1803-81</b>  | 2CKA001710A3616 | 10       |
|   | <b>1803-82</b>  | 2CKA001710A3147 | 10       |
| <b>1803-84-500</b>  | 2CKA001710A1550 | 10/100          |          |
| <b>1803-884</b>   | 2CKA001710A3889 | 10              |          |
| <b>1803-885</b>   | 2CKA001710A3912 | 10              |          |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Surface painted.

|  |                   |                 |    |
|--|-------------------|-----------------|----|
|  <p><b>Cover plate <sup>1)</sup></b><br/><b>2gang</b><br/>As cover for universal data connection boxes.<br/>Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br/>Brand-Rex (WAEGV 8/8 EKR/EK).<br/>AMP (NETCONNECT 5E).<br/>BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).<br/>cti (cti-wire 2.8 Cat.6).<br/>Telegärtner (AMJ 45, UMJ 45).<br/>With down-leading outlet.<br/>With labelling field.<br/>Size of labelling field: 60 x 9 mm.<br/>Protection class (Device): IP 20</p> | <b>1803-02-81</b> | 2CKA001710A3615 | 10 |
|  | <b>1803-02-82</b> | 2CKA001710A3146 | 10 |
| <b>1803-02-84-500</b>  | 2CKA001710A1551   | 10/100          |    |
| <b>1803-02-884</b>   | 2CKA001710A3888   | 10              |    |
| <b>1803-02-885</b>   | 2CKA001710A3911   | 10              |    |

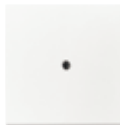
<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Surface painted.




## Data communication

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6472 U-500-101.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1766-81</b>  | 2CKA001710A3613 | 10       |
| ivory white   | <b>1766-82</b>  | 2CKA001710A3144 | 10/100   |
| studio white  | <b>1766-84-500</b>  | 2CKA001710A3992 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1766-884</b>   | 2CKA001710A3926 | 10       |
| black matt <sup>1)</sup>  | <b>1766-885</b>   | 2CKA001710A3903 | 10       |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate</b><br>As cover for telephone connector boxes (VDo).<br>Can be knocked out for single or double connection.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1745-81</b>   | 2CKA001710A3624 | 10 |
| ivory white   | <b>1745-82</b>   | 2CKA001710A3155 | 10 |
| studio white  | <b>1745-84</b>   | 2CKA001710A3173 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1745-884</b>  | 2CKA001710A3874 | 10 |
| black matt <sup>1)</sup>  | <b>1745-885</b>  | 2CKA001710A3896 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup> socket outlet</b><br>Telephone socket (TDO) |                 |        |
| anthracite  | <b>1762-81-506</b>   | 2CKA001710A4103 | 10/100 |
| ivory white   | <b>1762-82-506</b>   | 2CKA001710A4104 | 10/100 |
| studio white  | <b>1762-84-506</b>   | 2CKA001710A4106 | 10/100 |
| studio white, matt <sup>2)</sup>  | <b>1762-884-506</b>  | 2CKA001710A4108 | 10/100 |
| black matt <sup>2)</sup>  | <b>1762-885-506</b>  | 2CKA001710A4109 | 10/100 |


<sup>1)</sup> Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).<sup>2)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> <sup>2)</sup> as cover for standard Radio/TV/SAT socket outlets</b><br>With 2 connectors<br>Acc. to German Standard DIN 45330.<br>Radio/TV/SAT.<br>With M3 fixing screw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1743-81</b>  | 2CKA001724A4252 | 10       |
| ivory white   | <b>1743-82</b>  | 2CKA001724A2758 | 10       |
| studio white  | <b>1743-84-500</b>  | 2CKA001724A4332 | 10/100   |
| studio white, matt <sup>3)</sup>  | <b>1743-884</b>   | 2CKA001724A4293 | 10/100   |
| black matt <sup>3)</sup>  | <b>1743-885</b>   | 2CKA001724A4298 | 10/100   |


<sup>1)</sup>Third opening can be knocked out.<sup>2)</sup> See inserts for satellite coaxial socket outlets.<sup>3)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate</b><br>As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>1743-04-81</b>  | 2CKA001724A4374 | 10 |
| ivory white  | <b>1743-04-82</b>  | 2CKA001724A4375 | 10 |
| studio white   | <b>1743-04-84</b>  | 2CKA001724A4377 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1743-04-884</b>   | 2CKA001724A4379 | 10 |
| black matt <sup>1)</sup>   | <b>1743-04-885</b>   | 2CKA001724A4380 | 10 |

<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate</b><br>As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1743/10-04-81</b>   | 2CKA001724A4365 | 10     |
| ivory white   | <b>1743/10-04-82</b>   | 2CKA001724A4366 | 10     |
| studio white  | <b>1743/10-04-84</b>   | 2CKA001724A4368 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1743/10-04-884</b>  | 2CKA001724A4370 | 10     |
| black matt <sup>1)</sup>  | <b>1743/10-04-885</b>  | 2CKA001724A4371 | 10     |

<sup>1)</sup>Surface painted.


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup> with labelling field</b><br>For modular jack with slide entrance.<br>To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820.<br>Size of labelling field: 60 x 9 mm.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1800-81</b>   | 2CKA001710A3627 | 10     |
| ivory white   | <b>1800-82</b>   | 2CKA001710A3158 | 10     |
| studio white  | <b>1800-84-500</b>   | 2CKA001710A3990 | 10/100 |
| studio white, matt <sup>2)</sup>  | <b>1800-884</b>  | 2CKA001710A3887 | 10     |
| black matt <sup>2)</sup>  | <b>1800-885</b>  | 2CKA001710A3910 | 10     |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Surface painted.







## Data communication

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For 1 modular jack.<br>Suitable for Art. Nos. 0210, 0211 and 0219-101.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2561-81</b>   | 2CKA001753A0400 | 10       |
| ivory white   | <b>2561-82</b>   | 2CKA001753A0401 | 10       |
| studio white  | <b>2561-84</b>   | 2CKA001753A0403 | 10       |
| studio white, matt <sup>1)</sup>  | <b>2561-884</b>  | 2CKA001753A0405 | 10       |
| black matt <sup>1)</sup>  | <b>2561-885</b>  | 2CKA001753A0406 | 10       |


<sup>1)</sup>Surface painted.


|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Cover plate</b><br>For 2 modular jack inserts.<br>Suitable for Art. No. 0210 and 0211.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>2561-02-81</b>   | 2CKA001753A0317 | 10 |
| ivory white  | <b>2561-02-82</b>   | 2CKA001753A0392 | 10 |
| studio white   | <b>2561-02-84</b>   | 2CKA001753A0394 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2561-02-884</b>  | 2CKA001753A0396 | 10 |
| black matt <sup>1)</sup>   | <b>2561-02-885</b>  | 2CKA001753A0397 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate</b><br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1746/10-81</b>  | 2CKA001710A3628 | 10     |
| ivory white   | <b>1746/10-82</b>  | 2CKA001710A3521 | 10     |
| studio white  | <b>1746/10-84-500</b>  | 2CKA001710A3993 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1746/10-884</b>   | 2CKA001710A3875 | 10     |
| black matt <sup>1)</sup>  | <b>1746/10-885</b>   | 2CKA001710A3897 | 10     |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Intermediate ring Reflex SI/SI Linear</b><br>For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1747 SI-82</b>  | 2CKA001710A3862 | 10 |
| studio white  | <b>1747 SI-84</b>  | 2CKA001710A3863 | 10 |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Intermediate ring Busch-balance® SI</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1747 BSI-81</b>  | 2CKA001710A4093 | 10     |
| ivory white   | <b>1747 BSI-82</b>  | 2CKA001710A4094 | 10     |
| studio white  | <b>1747 BSI-84</b>  | 2CKA001710A4096 | 10/100 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup></b><br>With hinged lid.<br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1746-81</b>   | 2CKA001710A3618 | 10       |
| ivory white   | <b>1746-82</b>   | 2CKA001710A3149 | 10       |
| studio white  | <b>1746-84</b>   | 2CKA001710A3167 | 10       |
| studio white, matt <sup>2)</sup>  | <b>1746-884</b>  | 2CKA001710A3876 | 10       |
| black matt <sup>2)</sup>  | <b>1746-885</b>  | 2CKA001710A3898 | 10       |


<sup>1)</sup>Combinable only with covers for flush-mounted inserts<sup>2)</sup>Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Intermediate ring with hinged lid <sup>1)</sup> Busch-balance® SI</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>With sealing ring.<br>With hinged lid.<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 63 mm x 63 mm x 20 mm |                 |    |
| anthracite   | <b>2518-WD-81</b>   | 2CKA001719A0217 | 10 |
| ivory white  | <b>2518-WD-82</b>   | 2CKA001719A0218 | 10 |
| studio white   | <b>2518-WD-84</b>   | 2CKA001719A0220 | 10 |
| studio white, matt <sup>2)</sup>   | <b>2518-WD-884</b>  | 2CKA001719A0222 | 10 |
| black matt <sup>2)</sup>   | <b>2518-WD-885</b>  | 2CKA001719A0223 | 10 |

<sup>1)</sup>Combinable only with covers for flush-mounted inserts<sup>2)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>XLR centre plate</b><br>As cover for Neutrik plug connectors, type D series.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2553-81</b>  | 2CKA001724A4399 | 10 |
| ivory white   | <b>2553-82</b>  | 2CKA001724A4400 | 10 |
| studio white  | <b>2553-84</b>  | 2CKA001724A4402 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2553-884</b>   | 2CKA001724A4404 | 10 |
| black matt <sup>1)</sup>  | <b>2553-885</b>   | 2CKA001724A4405 | 10 |


<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate with metal mounting plate</b><br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Knock-out openings 6, 8, 18 mm.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1748-81</b>  | 2CKA001710A3654 | 10 |
| ivory white   | <b>1748-82</b>  | 2CKA001710A3655 | 10 |
| studio white  | <b>1748-84</b>  | 2CKA001710A3656 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1748-884</b>   | 2CKA001710A3877 | 10 |
| black matt <sup>1)</sup>  | <b>1748-885</b>   | 2CKA001710A3899 | 10 |


<sup>1)</sup>Surface painted.




## Data communication

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate with metal mounting plate</b><br>As cover for BNC and TNC sockets.<br>Knock-out openings 6, 8, 18 mm.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1750-81</b>   | 2CKA001710A3617 | 10       |
| ivory white   | <b>1750-82</b>   | 2CKA001710A3148 | 10       |
| studio white  | <b>1750-84</b>   | 2CKA001710A3166 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1750-884</b>  | 2CKA001710A3879 | 10       |
| black matt <sup>1)</sup>  | <b>1750-885</b>  | 2CKA001710A3901 | 10       |


<sup>1)</sup> Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Equipotential socket outlet 2gang</b><br>Without claws.<br>For connecting wires up to 1 x 6 mm <sup>2</sup> and 4 x 2.5 mm <sup>2</sup> .<br>IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007<br>Connection bolts German Standard DIN 42801.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>2095 UC-81</b>   | 2CKA002495A0084 | 10 |
| ivory white  | <b>2095 UC-82</b>   | 2CKA002495A0085 | 10 |
| studio white   | <b>2095 UC-84</b>   | 2CKA002495A0086 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2095 UC-884</b>  | 2CKA002495A0091 | 10 |
| black matt <sup>1)</sup>   | <b>2095 UC-885</b>  | 2CKA002495A0092 | 10 |

<sup>1)</sup> Surface painted.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate with metal mounting plate</b><br>With screw-type terminal.<br>Fixed with central locknut.<br>As cover for pilot devices with a diameter of 22.5 mm<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2533-81</b>  | 2CKA001724A4254 | 10 |
| ivory white   | <b>2533-82</b>  | 2CKA001724A4255 | 10 |
| yellow  | <b>2533-82-15</b>   | 2CKA001724A4382 | 10 |
| studio white  | <b>2533-84</b>  | 2CKA001724A4256 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2533-884</b>   | 2CKA001724A4296 | 10 |
| black matt <sup>1)</sup>  | <b>2533-885</b>   | 2CKA001724A4301 | 10 |

<sup>1)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup> with metal mounting plate</b><br>for communication devices.<br>With labelling field 60.2 x 10.2 mm.<br>Without claws.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1758-81</b>   | 2CKA001724A4253 | 10     |
| ivory white   | <b>1758-82</b>   | 2CKA001724A2759 | 10     |
| studio white  | <b>1758-84</b>   | 2CKA001724A2761 | 10/100 |
| studio white, matt <sup>2)</sup>  | <b>1758-884</b>  | 2CKA001724A4307 | 10     |
| black matt <sup>2)</sup>  | <b>1758-885</b>  | 2CKA001724A4299 | 10     |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Surface painted.



## Multimedia / communication adapters

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Radio DAB+ <sup>1)</sup></b><br>DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br>With high-resolution colour display for showing additional information.<br>Reception frequency: 87.50 MHz - 108.00 MHz.<br>Receive frequency (DAB+): 174 MHz - 240 MHz.<br>With external AUX input/output, reversible.<br>For mono/stereo operation.<br>8 radio stations storable.<br>With time and date display.<br>With individual alarm and snooze function.<br>With automatic switch-off function (automatic sleep mode).<br>With extension input to remote-controlled ON/OFF switches.<br>With integrated antenna.<br>With additional connection for external antenna.<br>Permitted speaker impedance: 4 - 8 Ohm<br>Can be installed as 1gang and in multiple combinations.<br>Control element: 4-button operation via floating rocker<br>Display elements: ICU graphic display with 280 DPI.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Control/Signal outputs: 2, Loudspeaker output, impedance 4 Ohm<br>Rated power: 2 W (RMS)<br>Protection class (Device): IP 20<br>Temperature range (Device): 5 °C to 40 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br>Mounting depth: 32 mm |                 |          |
|   | <b>8215 U-101-500</b>  | 2CKA008200A0276 | 1/10     |



<sup>1)</sup> No claw. Screw-fixing via keyholes.

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Multimedia / communication adapters

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio BTconnect DAB+ 1)</b><br/> <b>With Bluetooth interface for music replay.</b><br/>           DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br/>           With high-resolution colour display for showing additional information.<br/>           With Bluetooth interface for music replay of mobile devices.<br/>           Connection of external Bluetooth loudspeakers possible.<br/>           Reception frequency: 87.50 MHz - 108.00 MHz.<br/>           Receive frequency (DAB+): 174 MHz – 240 MHz.<br/>           With external AUX input/output, reversible.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With individual alarm and snooze function.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated antenna.<br/>           With additional connection for external antenna.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Bluetooth specification: 4.2.<br/>           Bluetooth profiles supported: A2DP<br/>           Number of stored Bluetooth connections: max. 8<br/>           Control element: 4-button operation via floating rocker<br/>           Display elements: ICU graphic display with 280 DPI.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 2 W (RMS)<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/>           Mounting depth: 32 mm</p>  | <b>8217 U-101-500</b> | 2CKA008200A0279 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Busch-Radio iNet 1) 2) 3) 4)</b><br/>           WLAN Internet radio alarm clock for flush-mounted installation.<br/>           For the reception of national and international radio stations via Internet.<br/>           Radio station search possible via various genres.<br/>           With high resolution graphic display and background illumination.<br/>           With external AUX input.<br/>           Integrated web-server for configuration and control.<br/>           Remote operation with smartphone via browser surface.<br/>           UPnP replay function. It is controlled via smartphone.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With alarm function.<br/>           With short-time timer.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated WLAN antenna.<br/>           WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).<br/>           WLAN safety: WPA / WPA2.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm<br/>           Mounting depth: 33 mm</p>  | <b>8216 U-500</b> | 2CKA008200A0153 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.


<sup>2)</sup> Matching loudspeaker insert 8223 U.

<sup>3)</sup> Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).


<sup>4)</sup> To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

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## Multimedia / communication adapters

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Loudspeaker insert <sup>1)</sup></b><br/> <b>5 cm (2")</b><br/>           With flat plug connector.<br/>           With broadband characteristics.<br/>           Rated output: 2 W (RMS)<br/>           Incl. speaker connection cable.<br/>           Frequency response: 200 - 20,000 Hz<br/>           Impedance: 4 Ohm<br/>           Protection class (Device): IP 20, SELV<br/>           Mounting depth: 32 mm</p> | <b>8223 U-500</b> | 2CKA008200A0183 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.

|  |               |                 |      |
|--|---------------|-----------------|------|
|  <p><b>Flush Mounted Inserts Flush-mounted installation boxes and inserts</b><br/>           Multi media connector ins.</p> | <b>8231 U</b> | 2CKA008200A0223 | 1/10 |
|--|---------------|-----------------|------|

<sup>1)</sup> No claw. Screw-fixing via keyholes.

|   |                   |                 |      |
|---|-------------------|-----------------|------|
|  <p><b>Busch-powerDock Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>           For charging and supplying mobile terminal devices.<br/>           With quick charging function for devices compatible with quick-charge™.<br/>           Makes possible fast charging of the mobile terminal device.<br/>           Rated voltage: 100 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Suitable for: Apple terminal device<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with USB-C connection<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge™ function.<br/>           Rated current: 2 A<br/>           Output voltage: 9 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm<br/>           Mounting depth: 32 mm</p> | <b>6473 U-500</b> | 2CKA006400A0039 | 1/10 |
|---|-------------------|-----------------|------|

<sup>1)</sup> No claw. Screw-fixing via keyholes.


<sup>2)</sup> The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.


<sup>3)</sup> In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

<sup>4)</sup> In these cases the quick-charging function of the terminal device is not enabled.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Busch-powerDock Charging cradle with Apple lightning connection <sup>1)</sup></b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with lightning connection.<br/>           For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.<br/>           For iPhone 8 Plus, iPhone 8.<br/>           For iPhone 7 Plus, iPhone 7.<br/>           For iPhone SE.<br/>           For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.<br/>           For iPhone 5s, iPhone 5c, iPhone 5.<br/>           For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).<br/>           Suitable for use with protective covers certified by Apple.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473-500</b> | 2CKA006400A0081 | 1/10     |

<sup>1)</sup> Not released for use with the iPad.

|   |                    |                 |      |
|---|--------------------|-----------------|------|
|  <p><b>Busch-powerDock Charging cradle with USB-C connection</b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with USB-C connection.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473/11-500</b> | 2CKA006400A0083 | 1/10 |
|---|--------------------|-----------------|------|

|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>With USB-A &amp; USB-C interface</b><br/>           For supply and support of mobile devices via USB-cable.<br/>           With USB type A and USB type C female connector.<br/>           To support two devices at the same time.<br/>           Supports automatic negotiating of optimum charging parameters for the shortest charging times.<br/>           Support of loading protocol on the USB-A connection: Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>           Support of the additional quick-charge protocols: USB-PD and quick-charge 3.0 &amp; 4.0.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Rated voltage: 220 - 230 V AC<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 2x USB charging interface<br/>           Suitable for: Only USB-A bus occupied:<br/>           Rated current: 3000 mA<br/>           Output voltage: 5 V-<br/>           Suitable for: Only USB-C bus occupied:<br/>           Rated power: 18 W<br/>           Suitable for: USB-A and USB-C bus occupied. Total:<br/>           Rated current: 3250 mA<br/>           Output voltage: 5 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 0 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm<br/>           Mounting depth: 32 mm</p> | <b>6475 U-500</b> | 2CKA006400A0399 | 1 |
|--|-------------------|-----------------|---|


<sup>1)</sup> No claw. Screw-fixing via keyholes.


<sup>2)</sup> No data transfer.


<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.





## Multimedia / communication adapters


| Product   | Article-No.  | Order-No.          | Pack/Qty        |   |
|---|--|--------------------|-----------------|---|
|  <p><b>HDMI connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.<br/>           HDMI-type A, 3D-compatible.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 20-wire HDMI-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white  | <b>0261/31-500</b> | 2CKA000230A0430 | 1 |
|   | grey   | <b>0261/33-500</b> | 2CKA000230A0432 | 1 |
|   | alpine white   | <b>0261/32-500</b> | 2CKA000230A0431 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths. |                    |                 |   |

|  |   |                    |                 |   |
|--|---|--------------------|-----------------|---|
|  <p><b>VGA connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link analogue video data between PCs and laptops to monitors or digital projectors etc.<br/>           VGA-type: D-type, 15-pole.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 15-wire VGA-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white   | <b>0261/21-500</b> | 2CKA000230A0424 | 1 |
|  | grey  | <b>0261/23-500</b> | 2CKA000230A0426 | 1 |
|  | alpine white  | <b>0261/22-500</b> | 2CKA000230A0425 | 1 |
|  | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. VGA cable lengths. |                    |                 |   |

| Product   | Article-No.   | Order-No.          | Pack/Qty        |   |
|---|---|--------------------|-----------------|---|
|  <p><b>USB connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc.<br/>           USB-type A, USB 2.0 compatible.<br/>           For 5-wire USB- cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white   | <b>0261/11-500</b> | 2CKA000230A0418 | 1 |
|   | grey  | <b>0261/13-500</b> | 2CKA000230A0420 | 1 |
|   | alpine white  | <b>0261/12-500</b> | 2CKA000230A0419 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. USB cable lengths. |                    |                 |   |







|   |   |                    |                 |   |
|---|---|--------------------|-----------------|---|
|  <p><b>Communication adapter for BNC-F Duct-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | white   | <b>0262/11-500</b> | 2CKA000230A0436 | 1 |
|   | grey  | <b>0262/13-500</b> | 2CKA000230A0438 | 1 |
|   | alpine white  | <b>0262/12-500</b> | 2CKA000230A0437 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. BNC-F cable lengths. |                    |                 |   |




|   |   |                 |                 |   |
|---|---|-----------------|-----------------|---|
|  <p><b>F duct-jack for communication adapter</b><br/>           For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver.<br/>           With screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Protection class (Device): IP 20</p> | metal clad  | <b>0262-500</b> | 2CKA000230A0440 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. F cable lengths. |                 |                 |   |

|  |   |                    |                 |   |
|--|---|--------------------|-----------------|---|
|  <p><b>Communication adapter for Cinch-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | white   | <b>0263/11-500</b> | 2CKA000230A0444 | 1 |
|  | grey  | <b>0263/13-500</b> | 2CKA000230A0446 | 1 |
|  | alpine white  | <b>0263/12-500</b> | 2CKA000230A0445 | 1 |
|  | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. Cinch cable lengths. |                    |                 |   |

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## Multimedia / communication adapters

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked white: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| alpine white  | <b>0263/04-500</b>  | 2CKA000230A0451 | 1        |
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked black: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| black   | <b>0263/05-500</b>  | 2CKA000230A0452 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked red: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| Red   | <b>0263/06-500</b>  | 2CKA000230A0453 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.<br>Marked yellow: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20   |                 |          |
| yellow  | <b>0263/07-500</b>  | 2CKA000230A0454 | 1        |
|  | <b>Communication adapter for Mini-jacks 3,5mm.</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To support 1 or 2 jacks.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0264/11-500</b>  | 2CKA000230A0458 | 1        |
| grey  | <b>0264/13-500</b>  | 2CKA000230A0460 | 1        |
| alpine white  | <b>0264/12-500</b>  | 2CKA000230A0459 | 1        |
|  | <b>Mini-jack 3,5 mm for communication adapter</b><br>For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones.<br>Audio-band 20Hz - 20kHz.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| chrome gloss  | <b>0264-500</b>   | 2CKA000230A0462 | 1        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0248/02-101</b>   | 2CKA000230A0402 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |  |                 |          |
|    | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>0248/05-101</b>   | 2CKA000230A0404 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |  |                 |          |
|  | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>0248/05-101</b>   | 2CKA000230A0404 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |  |                 |          |




## Multimedia / communication adapters

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For Busch-Radio DAB+ 8215 U-101.<br>For Busch-Radio BTconnect DAB+ 8217 U-101.<br>For Busch-Radio iNet 8216 U. |                 |          |
| anthracite  | <b>8252-81-101-500</b>   | 2CKA008200A0249 | 10       |
| ivory white   | <b>8252-82-101-500</b>   | 2CKA008200A0251 | 10       |
| studio white  | <b>8252-84-101-500</b>   | 2CKA008200A0255 | 10       |
| studio white matt <sup>1)</sup>   | <b>8252-884-101-500</b>  | 2CKA008200A0259 | 10       |
| black matt <sup>1)</sup>  | <b>8252-885-101-500</b>  | 2CKA008200A0261 | 10       |


<sup>1)</sup>Surface painted.

|  |  |                 |      |
|--|--|-----------------|------|
|  | <b>Cover plate</b><br>For loudspeaker insert 8223 U. |                 |      |
| anthracite   | <b>8253-81</b>                                       | 2CKA008200A0078 | 1/10 |
| ivory white  | <b>8253-82</b>                                       | 2CKA008200A0079 | 1/10 |
| studio white   | <b>8253-84</b>                                       | 2CKA008200A0081 | 1/10 |
| studio white, matt <sup>1)</sup>   | <b>8253-884</b>                                      | 2CKA008200A0123 | 1/10 |
| black matt <sup>1)</sup>   | <b>8253-885</b>                                      | 2CKA008200A0126 | 1/10 |


<sup>1)</sup>Surface painted.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate media connector. |                 |      |
| anthracite  | <b>8256-81</b>   | 2CKA008200A0227 | 1/10 |
| ivory white   | <b>8256-82</b>   | 2CKA008200A0229 | 1/10 |
| studio white  | <b>8256-84</b>   | 2CKA008200A0224 | 1/10 |
| studio white, matt <sup>1)</sup>  | <b>8256-884</b>  | 2CKA008200A0226 | 1/10 |
| black matt <sup>1)</sup>  | <b>8256-885</b>  | 2CKA008200A0228 | 1/10 |


<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1766-81</b>  | 2CKA001710A3613 | 10     |
| ivory white   | <b>1766-82</b>  | 2CKA001710A3144 | 10/100 |
| studio white  | <b>1766-84-500</b>  | 2CKA001710A3992 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1766-884</b>   | 2CKA001710A3926 | 10     |
| black matt <sup>1)</sup>  | <b>1766-885</b>   | 2CKA001710A3903 | 10     |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate with metal mounting plate</b><br>With fixing claws.<br>loudspeaker inserts and cover.<br>With soldering tag.<br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1751-81</b>  | 2CKA001723A0253 | 10       |
| ivory white   | <b>1751-82</b>  | 2CKA001723A0239 | 10       |
| studio white  | <b>1751-84</b>  | 2CKA001723A0240 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1751-884</b>   | 2CKA001723A0260 | 10       |
| black matt <sup>1)</sup>  | <b>1751-885</b>   | 2CKA001723A0259 | 10       |

<sup>1)</sup>Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate with rotary control, with marking</b><br>As a cover for volume controllers.<br>Suitable for the >LR mono BJ FM< devices of WHD.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>1740 DR/03-81</b>   | 2CKA001710A4120 | 10 |
| ivory white  | <b>1740 DR/03-82</b>   | 2CKA001710A3807 | 10 |
| studio white   | <b>1740 DR/03-84</b>   | 2CKA001710A3808 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1740 DR/03-884</b>  | 2CKA001710A3870 | 10 |
| black matt <sup>1)</sup>   | <b>1740 DR/03-885</b>  | 2CKA001710A3892 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate for Busch-powerDock</b><br>For Busch-powerDock charging cradle. |                 |        |
| anthracite  | <b>6477-81</b>   | 2CKA006400A0056 | 10     |
| ivory white   | <b>6477-82</b>   | 2CKA006400A0057 | 10     |
| studio white  | <b>6477-84</b>   | 2CKA006400A0059 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>6477-884</b>  | 2CKA006400A0062 | 10     |
| black matt <sup>1)</sup>  | <b>6477-885</b>  | 2CKA006400A0063 | 10     |

<sup>1)</sup>Surface painted.




## Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1094 U-500</b>   | 2CKA001032A0512 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br><b>Slide switch</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 U-500</b>   | 2CKA001032A0514 | 1/10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |      |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |      |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br><b>Sliding switch, 24 V</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 24 V~<br>Rated current: 1 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1096 U</b>   | 2CKA001032A0485 | 1        |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br><b>1gang 2way</b><br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1097 U-500</b>   | 2CKA001032A0513 | 1/10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |      |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |      |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.






## Room thermostats

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted 1) 2) 3)</b><br/><b>Actual value indication</b><br/>With actual value temperature display<br/>Automatic controller calibration<br/>Switch contact opens when the set temperature is reached.<br/>With fixing claws.<br/>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 10 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>60730-2-9, British Standard EN 60669-2-1</p> | <b>1094 UTA</b> | 2CKA001032A0487 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|  |                 |                 |      |
|--|-----------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted 1) 2) 3)</b><br/><b>Sliding switch, actual value indication</b><br/>With actual value temperature display<br/>Automatic controller calibration<br/>Switch contact opens when the set temperature is reached.<br/>With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>With fixing claws.<br/>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 10 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>60730-2-9, British Standard EN 60669-2-1</p> | <b>1095 UTA</b> | 2CKA001032A0488 | 1/10 |
|--|-----------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted 1) 2) 3)</b><br/><b>Sliding switch, actual value indication, 24 V</b><br/>With actual value temperature display<br/>Automatic controller calibration<br/>Switch contact opens when the set temperature is reached.<br/>With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>With fixing claws.<br/>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 24 V~<br/>Rated current: 1 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>60730-2-9, British Standard EN 60669-2-1</p> | <b>1096 UTA</b> | 2CKA001032A0489 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|  |                 |                 |      |
|--|-----------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted 1) 2) 3)</b><br/><b>Change-over contact, actual value indication</b><br/>With actual value temperature display<br/>Automatic controller calibration<br/>With fixing claws.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 5 A<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>60730-2-9, British Standard EN 60669-2-1</p> | <b>1097 UTA</b> | 2CKA001032A0490 | 1/10 |
|--|-----------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |                   |                 |      |
|---|-------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted 1) 2) 3)</b><br/><b>Change-over contact, setpoint indication, timer</b><br/>With change-over contact.<br/>Easy adjustment using menu and text-based display.<br/>4 switching times per day can be user-defined for each day of the week.<br/>With fixing claws.<br/>Automatic summer/wintertime switch-over<br/>Power reserve &gt; 10 hours.<br/>To fit cover plate 6435-xxx.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 10 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>60730-2-9</p> | <b>1098 U-101</b> | 2CKA001032A0508 | 1/10 |
|---|-------------------|-----------------|------|


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.



## Room thermostats


| Product   | Article-No.    | Order-No.       | Pack/Qty |
|---|----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><br/> <b>Remote sensor</b><br/>           With remote sensor and thermal feedback<br/>           For underfloor heating.<br/>           With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Remote sensor cable length: 4 m.<br/>           Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br/>           Adjusting range: +10 to +50° C.<br/>           Connecting cable: 1mm<sup>2</sup> to 2.5 mm<sup>2</sup><br/>           Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 16 A, cos φ 1<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1095 UF</b> | 2CKA001032A0497 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                    |                 |      |
|--|--------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><sup>2)</sup><br/> <b>Change-over contact, setpoint indication, timer, remote sensor</b><br/>           With change-over contact.<br/>           Easy adjustment using menu and text-based display.<br/>           4 switching times per day can be user-defined for each day of the week.<br/>           With fixing claws.<br/>           Automatic summer/wintertime switch-over<br/>           Remote sensor cable length: 4 m.<br/>           Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br/>           Power reserve &gt; 10 hours<br/>           To fit cover plate 6435-xxx.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 16 A<br/>           Temperature range (Device): 10 °C to 50 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9</p> | <b>1098 UF-101</b> | 2CKA001032A0509 | 1/10 |
|--|--------------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><sup>2)</sup> <sup>3)</sup><br/> <b>Heating/cooling</b><br/>           With separate connection (230 V~) for external switchover between heating or cooling.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Nominal current: 10 A heating<br/>           Nominal current: 5 A cooling<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1099 UHK</b> | 2CKA001032A0515 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|  |                   |                 |      |
|--|-------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><sup>2)</sup> <sup>3)</sup><br/> <b>Heating/cooling, sliding switch</b><br/>           With built-in sliding switch for switchover between cooling or heating.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Nominal current: 10 A heating<br/>           Nominal current: 5 A cooling<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1099 UHKEA</b> | 2CKA001032A0516 | 1/10 |
|--|-------------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Cover plate for room thermostat</b><br/>           For room thermostats 1094 U, 1097 U.</p> |                 |                 |          |
| anthracite  | <b>1794-81</b>  | 2CKA001710A3629 | 10       |
| ivory white   | <b>1794-82</b>  | 2CKA001710A3543 | 10       |
| studio white  | <b>1794-84</b>  | 2CKA001710A3544 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1794-884</b> | 2CKA001710A3884 | 10       |
| black matt <sup>1)</sup>  | <b>1794-885</b> | 2CKA001710A3907 | 10       |


<sup>1)</sup> Surface painted.




## Room thermostats

| Product   | Article-No.                      | Order-No.       | Pack/Qty           |
|---|----------------------------------|-----------------|--------------------|
|  <p><b>Cover plate for room thermostat</b><br/>With sliding switch for nightly room temperature reduction.<br/>to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.</p> | anthracite                       | <b>1795-81</b>  | 2CKA001710A3630 10 |
|   | ivory white                      | <b>1795-82</b>  | 2CKA001710A3568 10 |
|   | studio white                     | <b>1795-84</b>  | 2CKA001710A3569 10 |
|   | studio white, matt <sup>1)</sup> | <b>1795-884</b> | 2CKA001710A3886 10 |
|   | black matt <sup>1)</sup>         | <b>1795-885</b> | 2CKA001710A3909 10 |


<sup>1)</sup> Surface painted.

|   |                                  |                    |                    |
|---|----------------------------------|--------------------|--------------------|
|  <p><b>Cover plate for room thermostat</b><br/>For room thermostats 1094 UTA, 1097 UTA.</p> | anthracite                       | <b>1794 TA-81</b>  | 2CKA001710A3695 10 |
|   | ivory white                      | <b>1794 TA-82</b>  | 2CKA001710A3696 10 |
|   | studio white                     | <b>1794 TA-84</b>  | 2CKA001710A3698 10 |
|   | studio white, matt <sup>1)</sup> | <b>1794 TA-884</b> | 2CKA001710A3883 10 |
|   | black matt <sup>1)</sup>         | <b>1794 TA-885</b> | 2CKA001710A3906 10 |


<sup>1)</sup> Surface painted.

|  |                                  |                    |                    |
|--|----------------------------------|--------------------|--------------------|
|  <p><b>Cover plate for room thermostat</b><br/>With sliding switch for nightly room temperature reduction.<br/>For room thermostats 1095 UTA, 1096 UTA.</p> | anthracite                       | <b>1795 TA-81</b>  | 2CKA001710A3722 10 |
|  | ivory white                      | <b>1795 TA-82</b>  | 2CKA001710A3723 10 |
|  | studio white                     | <b>1795 TA-84</b>  | 2CKA001710A3725 10 |
|  | studio white, matt <sup>1)</sup> | <b>1795 TA-884</b> | 2CKA001710A3885 10 |
|  | black matt <sup>1)</sup>         | <b>1795 TA-885</b> | 2CKA001710A3908 10 |


<sup>1)</sup> Surface painted.

|   |                                  |                 |                    |
|---|----------------------------------|-----------------|--------------------|
|  <p><b>Cover plate</b><br/>For comfort timer control element 6455-101-500.<br/>For standard timer control element 6456-101.<br/>For room thermostats 1098 U-101 and 1098 UF-101.<br/>For short-time timer 6465 U-101.<br/>For Busch-CO2 sensor 1091 U-500.<br/>For blind compact timer 6422 U.</p> | anthracite                       | <b>6435-81</b>  | 2CKA006430A0303 10 |
|   | ivory white                      | <b>6435-82</b>  | 2CKA006430A0304 10 |
|   | studio white                     | <b>6435-84</b>  | 2CKA006430A0306 10 |
|   | studio white, matt <sup>1)</sup> | <b>6435-884</b> | 2CKA006430A0388 10 |
|   | black matt <sup>1)</sup>         | <b>6435-885</b> | 2CKA006430A0389 10 |

<sup>1)</sup> Surface painted.

| Product   | Article-No.                      | Order-No.          | Pack/Qty           |
|---|----------------------------------|--------------------|--------------------|
|  <p><b>Cover plate for room thermostat</b><br/>For room temperature controller 1099 UHK.</p> | anthracite                       | <b>1795 HK-81</b>  | 2CKA001710A4013 10 |
|   | ivory white                      | <b>1795 HK-82</b>  | 2CKA001710A4015 10 |
|   | studio white                     | <b>1795 HK-84</b>  | 2CKA001710A4017 10 |
|   | studio white, matt <sup>1)</sup> | <b>1795 HK-884</b> | 2CKA001710A4019 10 |
|   | black matt <sup>1)</sup>         | <b>1795 HK-885</b> | 2CKA001710A4020 10 |


<sup>1)</sup> Surface painted.

|   |                                  |                      |                    |
|---|----------------------------------|----------------------|--------------------|
|  <p><b>Cover plate for room thermostat</b><br/>For room temperature controller 1099 UHKEA.<br/>With sliding switch for switchover between cooling or heating.</p> | anthracite                       | <b>1795 HKEA-81</b>  | 2CKA001710A4045 10 |
|   | ivory white                      | <b>1795 HKEA-82</b>  | 2CKA001710A4047 10 |
|   | studio white                     | <b>1795 HKEA-84</b>  | 2CKA001710A4049 10 |
|   | studio white, matt <sup>1)</sup> | <b>1795 HKEA-884</b> | 2CKA001710A4051 10 |
|   | black matt <sup>1)</sup>         | <b>1795 HKEA-885</b> | 2CKA001710A4052 10 |

<sup>1)</sup> Surface painted.




LED light

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Info light unit <sup>1) 2)</sup></b><br/>           Size of information field 43 x 43 mm.<br/>           Long service life of the lighting element (LEDs).<br/>           Homogeneous backlighting of the information field.<br/>           Colour temperature 6,500 K (cold white)<br/>           Power consumption: &lt; 0.5 W<br/>           Rated voltage: 230 V~<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20</p> | <b>2062 U</b> | 2CKA001511A0115 | 1/10     |

<sup>1)</sup> Use relay inserts when switching through movement sensors or comfort switches.


<sup>2)</sup> For switching the LED flush mounted insert use switches without orientation light only.

|   | Article-No.     | Order-No.       | Pack/Qty        |   |
|---|-----------------|-----------------|-----------------|---|
|  <p><b>Cover plate <sup>1) 2)</sup></b><br/>           As cover for flush-mounted info light.<br/>           For insert 2062 U.<br/>           Size of information field 43 x 43 mm.<br/>           Protection class (Device): IP 20</p> | anthracite      | <b>1716-81</b>  | 2CKA001731A1921 | 1 |
|   | ivory white     | <b>1716-82</b>  | 2CKA001731A1922 | 1 |
| studio white  | <b>1716-84</b>  | 2CKA001731A1923 | 1               |   |
| studio white, matt <sup>3)</sup>  | <b>1716-884</b> | 2CKA001731A1978 | 1               |   |
| black matt <sup>3)</sup>  | <b>1716-885</b> | 2CKA001731A1980 | 1               |   |


<sup>1)</sup> Included with the cover are 46 different text labels and symbols.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Surface painted.


|  | Article-No.     | Order-No.       | Pack/Qty        |    |
|--|-----------------|-----------------|-----------------|----|
|  <p><b>Cover plate for indication lamp</b><br/>           For insert 2061/2661 U.<br/>           As cover for flush-mounted light signal.<br/>           Protection class (Device): IP 20</p> | anthracite      | <b>1756-81</b>  | 2CKA001753A0089 | 10 |
|  | ivory white     | <b>1756-82</b>  | 2CKA001753A0090 | 10 |
| studio white   | <b>1756-84</b>  | 2CKA001753A0092 | 10              |    |
| studio white, matt <sup>1)</sup>   | <b>1756-884</b> | 2CKA001753A0251 | 10              |    |
| black matt <sup>1)</sup>   | <b>1756-885</b> | 2CKA001753A0252 | 10              |    |


<sup>1)</sup> Surface painted.


|  | Article-No.       | Order-No.       | Pack/Qty        |    |
|--|-------------------|-----------------|-----------------|----|
|  <p><b>Cap for indication lamp</b><br/>           For indication lamps.<br/>           Protection class (Device): IP 20</p> | clear-transparent | <b>1565-11</b>  | 2CKA001565A0167 | 10 |
|  | Red               | <b>1565-12</b>  | 2CKA001565A0175 | 10 |
| green  | <b>1565-13</b>    | 2CKA001565A0183 | 10              |    |


WaveLINE inserts / control elements

| Product  | Article-No. | Order-No.       | Pack/Qty |
|--|-------------|-----------------|----------|
|  <p><b>RF remote control</b></p> <ul style="list-style-type: none"> <li>• Network-independent radio control.</li> <li>• For switching and dimming.</li> <li>• For controlling blinds and light scenes.</li> <li>• With 3 groups (A, B or C) with 5 pairs of channels.</li> <li>• There are 15 radio channels operated singly or up to 30 light scenes can be called.</li> </ul> | <b>6780</b> | 2CKA006780A0002 | 1        |

|   | Article-No.         | Order-No.       | Pack/Qty |
|---|---------------------|-----------------|----------|
|  <p><b>1-fach Aktor WaveLINE</b></p> <ul style="list-style-type: none"> <li>• For wireless switching of electrical loads.</li> <li>• Functions via radio control: ON/OFF, timer and light scene control.</li> <li>• Functions via the extension unit: ON/OFF, timer and sending a radio control telegram.</li> <li>• Operation via conventional push button (2020 US/2021/6 UK) possible.</li> </ul> | <b>6701-101-500</b> | 2CKA006700A0040 | 1        |


|   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>1-fach Aktor WaveLINE</b></p> <ul style="list-style-type: none"> <li>• For wireless switching of electrical loads.</li> <li>• For functions ON/OFF, timer and lightscene control.</li> <li>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.</li> <li>• For remote control WaveLINE 6780.</li> <li>• Switch-off delay: Adjustable between 10 s to 5 min.</li> </ul> | <b>6702-500</b> | 2CKA006700A0023 | 1        |


|  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>2-fach Aktor WaveLINE</b></p> <ul style="list-style-type: none"> <li>• For wireless switching of electrical loads.</li> <li>• For operation mode 2gang switch, 2 separate outputs.</li> <li>• For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).</li> <li>• For functions: ON/OFF and light scene control.</li> <li>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx</li> </ul> | <b>6703-500</b> | 2CKA006700A0024 | 1        |


|  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Dimm Aktor WaveLINE</b></p> <ul style="list-style-type: none"> <li>• For wireless switching and dimming of electrical loads.</li> <li>• For functions ON/OFF, dimming and lightscene control.</li> <li>• With soft ON/OFF function.</li> <li>• With selectable light value storage.</li> <li>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.</li> </ul> | <b>6704-500</b> | 2CKA006700A0025 | 1        |



## WaveLINE inserts / control elements

| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Serien/Jalousieaktor WaveL</b></p> <ul style="list-style-type: none"> <li>For wireless switching of electrical loads.</li> <li>For driving and adjusting blinds/shutters and awnings over radio.</li> <li>Functions via radio control: 2gang switch, blind switch and light scene control.</li> <li>Functions via extension unit: 2gang switch, blind switch and send radio telegram.</li> <li>Operation via conventional push button (2020 US/2021/6 UK) possible.</li> </ul> | <b>6705-101-500</b> | 2CKA006700A0042 | 1        |


|   |                 |                 |   |
|---|-----------------|-----------------|---|
|  <p><b>2-fach Binärein. WaveLINE</b></p> <ul style="list-style-type: none"> <li>Radio control telegrams are sent when the two extension units are activated with mains voltage (AC 230 V~).</li> <li>Operation via conventional push button (2020 US/2021/6 UK) possible.</li> <li>The 2gang binary input has 5 function modes:               <ol style="list-style-type: none"> <li>2-channel switching</li> <li>2-channel dimming</li> <li>1 channel blind</li> <li>Two-channel light scene control</li> <li>Channel 1: Switching ON<br/>Channel 2: Continuous switching ON/OFF</li> </ol> </li> </ul> | <b>6725-500</b> | 2CKA006720A0008 | 1 |
|---|-----------------|-----------------|---|

|  |                    |                 |      |
|--|--------------------|-----------------|------|
|  <p><b>Wall-mounted transmitter WaveLINE 1) 2) 4-channel</b></p> <p>4gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 4 radio channels can be operated or up to 8 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. Send frequency: 868 MHz. Free-field range: approx. 100 m.</p> <p>Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free.</p> <p>Automatic monitoring of battery life.</p> <p>Including fixing plate for mounting on smooth walls or on switch boxes.</p> <p>Control element: rocker switch left/right</p> <p>Display elements: LED to indicate the transmission</p> <p>Rated voltage: 3 V-</p> <p>Protection class (Device): IP 20</p> <p>Temperature range (Device): -5 °C to 45 °C</p> <p>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6733-82-500</b> | 2CKA006730A0034 | 1/10 |
|  | <b>6733-84-500</b> | 2CKA006730A0040 | 1/10 |

<sup>1)</sup> Battery included in delivery.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

## WaveLINE control elements

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Wall-mounted transmitter WaveLINE 1) 2) 1-channel</b></p> <p>1gang wall-mounted transmitter independent of mains power supply.</p> <p>With labelling field and labelling strip.</p> <p>For switching and dimming.</p> <p>For controlling blinds and light scenes.</p> <p>1 radio channel can be operated or up to 2 light scenes can be called up.</p> <p>For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.</p> <p>Compatible with WaveLINE KNX gateway TP-RF 6770.</p> <p>Send frequency: 868 MHz.</p> <p>Free-field range: approx. 100 m.</p> <p>Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free.</p> <p>Automatic monitoring of battery life.</p> <p>Including fixing plate for mounting on smooth walls or on switch boxes.</p> <p>Control element: rocker switch left/right</p> <p>Display elements: LED to indicate the transmission</p> <p>Rated voltage: 3 V-</p> <p>Protection class (Device): IP 20</p> <p>Temperature range (Device): -5 °C to 45 °C</p> <p>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6731-82-500</b> | 2CKA006730A0032 | 1/10     |
|  | <b>6731-84-500</b> | 2CKA006730A0038 | 1/10     |

<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).





|   |                    |                 |      |
|---|--------------------|-----------------|------|
|  <p><b>Wall-mounted transmitter WaveLINE 1) 2) 2-channel</b></p> <p>2gang wall-mounted transmitter independent of mains power supply.</p> <p>With labelling field and labelling strip.</p> <p>For switching and dimming.</p> <p>For controlling blinds and light scenes.</p> <p>2 radio channels can be operated or up to 4 light scenes can be called up.</p> <p>For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.</p> <p>Send frequency: 868 MHz.</p> <p>Free-field range: approx. 100 m.</p> <p>Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free.</p> <p>Automatic monitoring of battery life.</p> <p>Including fixing plate for mounting on smooth walls or on switch boxes.</p> <p>Control element: rocker switch left/right</p> <p>Display elements: LED to indicate the transmission</p> <p>Rated voltage: 3 V-</p> <p>Protection class (Device): IP 20</p> <p>Temperature range (Device): -5 °C to 45 °C</p> <p>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6732-82-500</b> | 2CKA006730A0033 | 1/10 |
|   | <b>6732-84-500</b> | 2CKA006730A0039 | 1/10 |



<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).




## ZigBee Light Link inserts / control elements

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>ZLL-Power supply insert</b></p> <ul style="list-style-type: none"> <li>• With electronic short-circuit protection.</li> <li>• With electronic overload protection.</li> <li>• For ZigBee Light Link control element 6735-xxx, 6736-xxx and 6737-xxx.</li> <li>• Without control cover.</li> <li>• Rated voltage: 230 V~, +10 % / -10 %</li> <li>• Secondary: 5 V-, +5 % / -5 %</li> </ul>  | <b>6710 U-500</b>  | 2CKA006710A0005 | 1        |
|  <p><b>ZLL-Relay insert</b></p> <ul style="list-style-type: none"> <li>• 3 wire connection (neutral conductor required).</li> <li>• For switching retrofit LED lamps (LEDi).</li> <li>• For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.</li> <li>• Without control cover.</li> </ul>   | <b>6711 U-500</b>  | 2CKA006710A0006 | 1        |
|  <p><b>ZLL-Dimmer insert</b></p> <ul style="list-style-type: none"> <li>• Touch dimmer.</li> <li>• For wireless switching and dimming of electrical loads.</li> <li>• 3 wire connection (neutral conductor required).</li> <li>• Optimised for dimming of retrofit LED lamps (LEDi).</li> <li>• For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.</li> </ul> | <b>6715 U-500</b>  | 2CKA006710A0007 | 1        |
|  <p><b>ZLL-Plug-in unit Switch</b></p> <ul style="list-style-type: none"> <li>• Plug device for switching electric loads up to 1,380 W/VA.</li> <li>• Control of thermal positioners for heating control possible.</li> <li>• Not for electrical heating devices.</li> <li>• Connected load can be activated/deactivated via micro switch.</li> <li>• Send/receive frequency: 2.4 GHz.</li> </ul>   | <b>6717-84-500</b> | 2CKA006710A0008 | 1        |


| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>ZigBee Light Link wall-mounted transmitter 1-channel</b></p> <p>1gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 2 light scenes. For dimming a light scene. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery) Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p>    |                    |                 |          |
| anthracite   | <b>6735/01-81</b>  | 2CKA006730A0079 | 1        |
| ivory white  | <b>6735/01-82</b>  | 2CKA006730A0080 | 1        |
| studio white   | <b>6735/01-84</b>  | 2CKA006730A0082 | 1/10     |
| studio white, matt <sup>1)</sup>   | <b>6735/01-884</b> | 2CKA006730A0118 | 1        |
| black matt <sup>1)</sup>   | <b>6735/01-885</b> | 2CKA006730A0119 | 1        |
| <sup>1)</sup> Surface painted.   |                    |                 |          |
|  <p><b>ZigBee Light Link wall-mounted transmitter 2-channel</b></p> <p>2gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 4 light scenes. For dimming 2 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery) Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> |                    |                 |          |
| anthracite   | <b>6736/01-81</b>  | 2CKA006730A0083 | 1        |
| ivory white  | <b>6736/01-82</b>  | 2CKA006730A0084 | 1        |
| studio white   | <b>6736/01-84</b>  | 2CKA006730A0086 | 1/10     |
| studio white, matt <sup>1)</sup>   | <b>6736/01-884</b> | 2CKA006730A0124 | 1        |
| black matt <sup>1)</sup>   | <b>6736/01-885</b> | 2CKA006730A0125 | 1        |
| <sup>1)</sup> Surface painted.   |                    |                 |          |




## WaveLINE control elements

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link wall-mounted transmitter<br/>4-channel</b>  |                 |          |
|   | 4gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components.<br>For saving and calling up 8 light scenes.<br>For dimming 4 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br>Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes.<br>Rated voltage: 3 V-<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |          |
| anthracite  | <b>6737/01-81</b>  | 2CKA006730A0087 | 1        |
| ivory white   | <b>6737/01-82</b>  | 2CKA006730A0088 | 1        |
| studio white  | <b>6737/01-84</b>  | 2CKA006730A0090 | 1/10     |
| black matt <sup>1)</sup>  | <b>6737/01-885</b>   | 2CKA006730A0131 | 1        |
| studio white, matt <sup>1)</sup>  | <b>6737/01-884</b>   | 2CKA006730A0130 | 1        |


<sup>1)</sup>Surface painted.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>ZigBee Light Link control element<br/>1gang</b>   |                 |      |
|   | For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 2 light scenes or dimming a light scene.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>Push-button function: Switching/dimming/light scenes. With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |      |
| anthracite  | <b>6735-81</b>   | 2CKA006730A0067 | 1    |
| ivory white   | <b>6735-82</b>   | 2CKA006730A0068 | 1    |
| studio white  | <b>6735-84</b>   | 2CKA006730A0070 | 1/10 |
| black matt <sup>1)</sup>  | <b>6735-885</b>  | 2CKA006730A0101 | 1    |
| studio white, matt <sup>1)</sup>  | <b>6735-884</b>  | 2CKA006730A0100 | 1    |

<sup>1)</sup>Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>2gang</b>   |                 |          |
|   | For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 4 light scenes or dimming 2 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |          |
| anthracite  | <b>6736-81</b>   | 2CKA006730A0071 | 1        |
| ivory white   | <b>6736-82</b>   | 2CKA006730A0072 | 1        |
| studio white  | <b>6736-84</b>   | 2CKA006730A0074 | 1/10     |
| studio white, matt <sup>1)</sup>  | <b>6736-884</b>  | 2CKA006730A0106 | 1        |
| black matt <sup>1)</sup>  | <b>6736-885</b>  | 2CKA006730A0107 | 1        |

<sup>1)</sup>Surface painted.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>ZigBee Light Link control element<br/>4gang</b>  |                 |      |
|   | For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 8 light scenes or dimming 4 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |      |
| anthracite  | <b>6737-81</b>  | 2CKA006730A0075 | 1    |
| ivory white   | <b>6737-82</b>  | 2CKA006730A0076 | 1    |
| studio white  | <b>6737-84</b>  | 2CKA006730A0078 | 1/10 |
| studio white, matt <sup>1)</sup>  | <b>6737-884</b>   | 2CKA006730A0112 | 1    |
| black matt <sup>1)</sup>  | <b>6737-885</b>   | 2CKA006730A0113 | 1    |


<sup>1)</sup>Surface painted.


  
**carat®**
**Busch-Infoline®**

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1) 2)</sup><br/>1gang, with labelling field</b><br>With operating knob.<br>For signal/cancel push-button 1520/1 UK.<br>For monitoring unit 1511 U.<br>For Busch-Leakage guard insert 1531 U.<br>With labelling field 61 x 20 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |          |
| studio white  | <b>1571 CN-84</b>  | 2CKA001582A0346 | 10       |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>2gang, with labelling field</b><br>With operating knob.<br>For signal push-button insert 1520/1 UKZ.<br>With labelling field 61 x 20 mm.<br>With exchangeable inlays in red and green for the individual designation of the operating knob.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1572 CN-84</b>   | 2CKA001582A0348 | 10 |

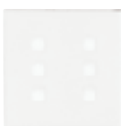
<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>with red and neutral light panel and labelling field</b><br>For Alarm Control Unit insert 1515 U-12.<br>For Busch-Alarm signal insert 1563 U-12.<br>For indication lamp insert 1564 U-1x.<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1573 CN-84</b>   | 2CKA001582A0350 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>6gang, illuminable, with labelling field</b><br>For signal panel insert 1566 U.<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1575 CN-84</b>   | 2CKA001582A0353 | 10 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>with labelling field</b><br>For power supply insert 1518 U.<br>For relay insert 1539 U.<br>For signal generator insert 1561 U-....<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1576 CN-84</b>  | 2CKA001582A0355 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

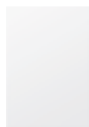
## Accessories

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Extension of claws <sup>1)</sup></b><br>For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes.<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2148</b>   | 2CKA002148A0120 | 100      |


<sup>1)</sup> Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.

|   |   |                 |         |
|---|---|-----------------|---------|
|  | <b>Braille symbol</b><br>self-adhesive (transparent) for cover 2506-xxx<br>Protection class (Device): IP 20 |                 |         |
|   | <b>light</b>  |                 |         |
|   | <b>2144 LI</b>  | 2CKA001714A0295 | 10/1000 |
|   | <b>bell</b>   |                 |         |
|   | <b>2144 KI</b>  | 2CKA001714A0296 | 10/1000 |
|   | <b>key</b>  |                 |         |
|   | <b>2144 TR</b>  | 2CKA001714A0297 | 10/1000 |

|   |   |                 |         |
|---|---|-----------------|---------|
|  | <b>Braille symbol<br/>socket outlet</b><br>self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx<br>Protection class (Device): IP 20 |                 |         |
|   | <b>2144 ST</b>  | 2CKA001714A0298 | 10/1000 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>DIN A 4 labelling sheet <sup>1)</sup><br/>plastic foil</b><br>Suitable for all to be labeled Busch-Jaeger devices.<br>For laser printer.<br>The text of the foil is printed via the Busch-Jaeger labeling service.<br>Dimensions: (L x W x D): 297 mm |                 |   |
| translucent   | <b>1799/02</b>   | 2CKA001799A0959 | 1 |
| transparent   | <b>1799/03</b>   | 2CKA001799A0960 | 1 |


<sup>1)</sup> 1 piece = 1 sheet.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>RC suppressor</b><br>For protection against the damage or destruction of electronic devices due to overvoltages.<br>For wiring network-interconnected inductivities (e.g., relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.<br>Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz |                 |    |
|   | <b>6899</b>  | 2CKA006899A0231 | 10 |








## Accessories

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Mounting set carat® flat 1) 2)</b><br/>For flat flush-mounted installation, stonework<br/>Suitable for cover frame carat®.<br/>Set consists of a flush-mounted box for brickwork 3040.<br/>With plastering moulding tool and positioning device.<br/>With integrated RFID-chip for easy detection.<br/>With vertically adjustable rotary ring.<br/>With Torx/slotted screws.<br/>With variable basement depth.<br/>Mounting boxes are combinable directly.<br/>With flex knockouts for cables or pipes.<br/>The boxes need to be plastered.<br/>Hole size : 82 mm<br/>Protection class (Device): IP 20</p> | <b>1gang</b>    |                 |          |
|  | <b>3048/11</b>  | 2CKA001740A0066 | 1/30     |
|  | <b>2gang</b>    |                 |          |
|  | <b>3048/21</b>  | 2CKA001740A0067 | 1        |
|  | <b>3gang</b>    |                 |          |
| <b>3048/31</b>   | 2CKA001740A0068 | 1               |          |
| <b>4gang</b>   |                 |                 |          |
| <b>3048/41</b>   | 2CKA001740A0069 | 1               |          |

<sup>1)</sup> RFID = Radio Frequency Identification

<sup>2)</sup> Not suitable for fixing claws.


|  |                 |                 |      |
|--|-----------------|-----------------|------|
|  <p><b>Mounting set carat® flat</b><br/>For flat flush-mounted installation, hollow wall<br/>Suitable for cover frame carat®.<br/>For double planking.<br/>Set consists of a flush-mounted box for cavity walls 3050.<br/>With positioning device and adapter rings.<br/>Suitable for drywalls and plasterboards for 9,5 mm, 10 mm and 12,5 mm.<br/>With Torx/slotted screws.<br/>Mounting boxes are combinable directly.<br/>With flex knockouts for cables or pipes.<br/>Fast installation via cable strap latches.<br/>A 74 mm diameter moulding cutter with countersink is needed.<br/>Hole size : 74 mm<br/>Protection class (Device): IP 20</p> | <b>1gang</b>    |                 |      |
|  | <b>3058/11</b>  | 2CKA001740A0077 | 1    |
|  | <b>2gang</b>    |                 |      |
|  | <b>3058/21</b>  | 2CKA001740A0078 | 1/20 |
|  | <b>3gang</b>    |                 |      |
| <b>3058/31</b>   | 2CKA001740A0079 | 1               |      |
| <b>4gang</b>   |                 |                 |      |
| <b>3058/41</b>   | 2CKA001740A0080 | 1               |      |

| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <p><b>Compensation rings for flush-mounted boxes</b><br/>For additional compensation for too deep mounted flush-mounted boxes.<br/>Adjustment height: 2,6 mm<br/>Protection class (Device): IP 20</p> | <b>3057</b> |                 |          |
|   |             | 2CKA001740A0081 | 10       |
|  <p><b>RFID-Detector 1)</b><br/>To recover of RFID-chips.<br/>Power supply: 9V alkaline cell (included in delivery).<br/>Protection class (Device): IP 20</p>  | <b>3049</b> |                 |          |
|   |             | 2CKA001740A0070 | 1        |

<sup>1)</sup> RFID = Radio Frequency Identification



## Cover frames

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup><br/>1gang frame</b><br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 107 mm x 107 mm x 11 mm |                 |          |
| white glass   | <b>1721-811</b>  | 2CKA001754A4442 | 1        |
| porcelain<br>anthracite <sup>2)</sup><br><sup>3) 4) 5)</sup>                      | <b>1721-815</b>  | 2CKA001754A4820 | 1        |
| bronze <sup>2) 3)</sup>   | <b>1721-821</b>  | 2CKA001754A4258 | 1        |
| gold <sup>6)</sup>  | <b>1721-823-101</b>  | 2CKA001754A4356 | 1        |
| glass black   | <b>1721-825</b>  | 2CKA001754A4322 | 1        |
| chrome  | <b>1721-826-101</b>  | 2CKA001754A4360 | 1        |
| stainless steel   | <b>1721-860</b>  | 2CKA001754A4254 | 1        |

<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.


<sup>2)</sup> Genuine material with an individual surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.

<sup>4)</sup> Genuine material with an open-pore surface.

<sup>5)</sup> Genuine material with reduced resistance against mechanical stress.

<sup>6)</sup> Gold plated 24 carat.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup><br/>3gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 249 mm x 107 mm x 11 mm |                 |          |
| white glass   | <b>1723-811</b>  | 2CKA001754A4444 | 1        |
| porcelain<br>anthracite <sup>2)</sup><br><sup>3) 4) 5)</sup>                      | <b>1723-815</b>  | 2CKA001754A4822 | 1        |
| bronze <sup>2) 3)</sup>   | <b>1723-821</b>  | 2CKA001754A4260 | 1        |
| gold <sup>6)</sup>  | <b>1723-823-101</b>  | 2CKA001754A4358 | 1        |
| glass black   | <b>1723-825</b>  | 2CKA001754A4324 | 1        |
| chrome  | <b>1723-826-101</b>  | 2CKA001754A4362 | 1        |
| stainless steel   | <b>1723-860</b>  | 2CKA001754A4256 | 1        |

<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.


<sup>2)</sup> Genuine material with an individual surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.

<sup>4)</sup> Genuine material with an open-pore surface.

<sup>5)</sup> Genuine material with reduced resistance against mechanical stress.

<sup>6)</sup> Gold plated 24 carat.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup><br/>2gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 178 mm x 107 mm x 11 mm |                 |          |
| white glass   | <b>1722-811</b>  | 2CKA001754A4443 | 1        |
| porcelain<br>anthracite <sup>2)</sup><br><sup>3) 4) 5)</sup>                        | <b>1721-815</b>  | 2CKA001754A4820 | 1        |
| bronze <sup>2) 3)</sup>   | <b>1722-821</b>  | 2CKA001754A4259 | 1        |
| gold <sup>6)</sup>  | <b>1722-823-101</b>  | 2CKA001754A4357 | 1        |
| glass black   | <b>1722-825</b>  | 2CKA001754A4323 | 1        |
| chrome  | <b>1722-826-101</b>  | 2CKA001754A4361 | 1        |
| stainless steel   | <b>1722-860</b>  | 2CKA001754A4255 | 1        |

<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.


<sup>2)</sup> Genuine material with an individual surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.

<sup>4)</sup> Genuine material with an open-pore surface.

<sup>5)</sup> Genuine material with reduced resistance against mechanical stress.

<sup>6)</sup> Gold plated 24 carat.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup><br/>4gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 320 mm x 107 mm x 11 mm |                 |          |
| white glass   | <b>1724-811</b>  | 2CKA001754A4445 | 1        |
| bronze <sup>2) 3)</sup>   | <b>1724-821</b>  | 2CKA001754A4261 | 1        |
| gold <sup>4)</sup>  | <b>1724-823-101</b>  | 2CKA001754A4359 | 1        |
| glass black   | <b>1724-825</b>  | 2CKA001754A4325 | 1        |
| chrome  | <b>1724-826-101</b>  | 2CKA001754A4363 | 1        |
| stainless steel   | <b>1724-860</b>  | 2CKA001754A4257 | 1        |

<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

<sup>2)</sup> Genuine material with an individual surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.

<sup>4)</sup> Gold plated 24 carat.



# Busch-dynasty®

## Opulence with a story.

It's like a painting with a stylish frame. Inspired by a real fairy tale, which takes you to a different world. Exclusive design, the finest material and perfect effect. The frames decorated with curved latticework. Polished and antique brass. Beauty and functionality come together to attain perfection. Something unique for your residence.



01 polished brass, decor, ivory white  
 02 polished brass, decor, anthracite  
 03 antique brass, decor, ivory white  
 04 antique brass, decor, anthracite  
 05 polished brass, ivory white

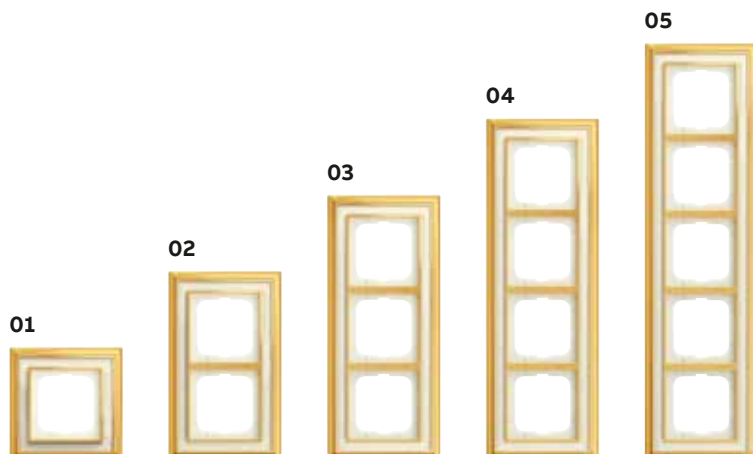
06 polished brass, anthracite  
 07 antique brass, ivory white  
 08 antique brass, anthracite  
 09 ivory white  
 10 anthracite

## Busch-dynasty®

Selected functions.



- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>01 Rocker switch 1gang</li> <li>02 Rotary dimmer</li> <li>03 SCHUKO® socket outlet with LED indicator light</li> <li>04 SCHUKO® USB socket outlet, 2x USB A</li> <li>05 Socket outlet with earthing pin</li> <li>06 Switched socket outlet BS standard</li> <li>07 Busch-iceLight®</li> <li>08 Busch-AudioWorld® Busch-Radio iNet</li> </ul> | <ul style="list-style-type: none"> <li>09 Loudspeaker connection box</li> <li>10 USB power adapter insert, USB A &amp; C</li> <li>11 RJ 45 connection socket</li> <li>12 Busch-Radio DAB+</li> <li>13 Intelligent card switch</li> <li>14 KNX sensor, for more KNX products see part 12 of the catalogue - Intelligent Building Solutions</li> </ul> |
|---|--|



1 to 5gang cover frame for horizontal or vertical installation

- 01 106 x 106 mm
- 02 106 x 177 mm
- 03 106 x 283 mm
- 04 106 x 389 mm
- 05 106 x 495 mm



For more information about light switch ranges visit ABB global web sites.

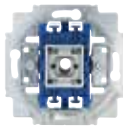
## Busch-dynasty®

### Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>1gang 2way</b>   |                 |          |
|   | <b>2000/6 US-500</b>  | 2CKA001012A2198 | 10/100   |
|   | <b>2gang 1way</b>   |                 |          |
|   | <b>2000/5 US-500</b>  | 2CKA001012A1150 | 10/100   |
|   | <b>DP, 1gang 2way <sup>2)</sup></b>   |                 |          |
|   | <b>2000/6/2 US</b>  | 2CKA001012A0954 | 10       |
|   | <b>1gang</b>  |                 |          |
|   | <b>2000/7 US-500</b>  | 2CKA001012A2199 | 10/100   |
|   | <b>DP, 1gang 1way</b>   |                 |          |
| <b>2000/2 US-500</b>  | 2CKA001012A2196   | 10/100          |          |
| <b>SP, 1gang 1way switch</b>  |   |                 |          |
| <b>2000/1 US-500</b>  | 2CKA001012A2059   | 10/100          |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> With screw-type terminals. Non-illuminable.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>Switch-off and two-way circuit 16 A</b>  |                 |        |
|   | <b>2400/6 US-500</b>  | 2CKA001012A2232 | 10/100 |
|   | <b>2gang switch 16 A</b>  |                 |        |
|   | <b>2400/5 US-500</b>  | 2CKA001012A2234 | 10     |
|   | <b>1gang intermediate 16 A</b>  |                 |        |
|   | <b>2400/7 US-500</b>  | 2CKA001012A2236 | 10     |

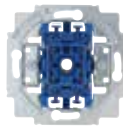
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>2gang 2way</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/6/6US-101-500</b>   | 2CKA001011A0928 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>Changeover/changeover circuit 16 A</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2400/6/6US-101-500</b>   | 2CKA001022A0663 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>DP, 1gang 1way</b><br>For switching high loads.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/2 US-101-500</b>  | 2CKA001012A2193 | 10/100 |

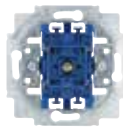
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Also for switching SCHUKO® socket outlets.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>3-pole, 1gang 1way switch</b><br>Rated voltage: 400 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2000/3 US</b>  | 2CKA001011A0816 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> With screw-type terminals. Non-illuminable.


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>1gang 2way <sup>2)</sup></b>  |                 |        |
|   | <b>2000/6 USGL-500</b>   | 2CKA001012A2194 | 10/100 |
|   | <b>2gang 1way</b>  |                 |        |
|   | <b>2000/5 USGL</b>   | 2CKA001012A1135 | 10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

# Busch-dynasty®

## Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism, control 1)<br/>2gang switch with N-clamp 16 A</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2400/5 USK-500</b>   | 2CKA001012A2238 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker Switch Mechanism, control 1) 2) 3)</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>1gang 2way with N-terminal</b>  |                 |        |
|   | <b>2000/6 USK-500</b>  | 2CKA001022A0659 | 10/100 |
|   | <b>DP, 1gang 1way</b>  |                 |        |
|   | <b>2000/2 UK</b>   | 2CKA001022A0656 | 10     |

<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

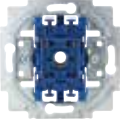
<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker Switch Mechanism, control 1) 2) 3)</b><br><b>Switch-off and two-way circuit with N-clamp 16 A</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2400/6 USK-500</b>   | 2CKA001022A0661 | 10 |

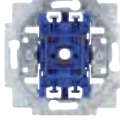
<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism 1)</b><br><b>SP, with normally open contact (operating current)</b><br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-500</b>  | 2CKA001413A0574 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-switch mechanism 1)</b><br><b>SP, with normally open contact (operating current)</b><br>With 2 independent signalling contacts.<br>Rated voltage: 250 V~<br>Inputs: 1<br>Outputs: 1<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2020 US-201</b>  | 2CKA001413A0483 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism 1) 2) 3)</b><br><b>SP, with normally open contact (operating current)</b><br>With illumination.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 USGL-500</b>  | 2CKA001413A1106 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.


<sup>3)</sup> For relay and touch dimmer applications.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism 1)</b><br>With one input terminal and 2 actuating covers.<br>Rated voltage: 250 V~<br>Inputs: 1<br>Outputs: 2x Normally open contact<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-205-500</b>  | 2CKA001413A1105 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Push-switch mechanism 1)</b><br><b>SP, 1gang 2way</b><br>Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-206-500</b>   | 2CKA001413A1104 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. |                 |        |
| anthracite  | <b>1786-81-500</b>   | 2CKA001751A3079 | 10/100 |
| ivory white   | <b>1786-82-500</b>   | 2CKA001751A3083 | 10/100 |


## Busch-dynasty®

### Rocker switches / push switches


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br>For flush-mounted switch 2g 1w, 2g push switch. |                 |          |
| anthracite  | <b>1785-81</b>   | 2CKA001751A2930 | 10       |
| ivory white   | <b>1785-82</b>   | 2CKA001751A2744 | 10/100   |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker</b><br>For flush-mounted switch 2g 1w, 2g push switch. |                 |    |
| anthracite  | <b>1785 K-81-500</b>   | 2CKA001751A3122 | 10 |
| ivory white   | <b>1785 K-82-500</b>   | 2CKA001751A3124 | 10 |


|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Rocker with red neon lens</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. |                 |    |
| anthracite   | <b>1789-81</b>  | 2CKA001751A2928 | 10 |
| ivory white  | <b>1789-82</b>  | 2CKA001751A2813 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker <sup>1)</sup> <sup>2)</sup> with labelling field</b><br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Size of labelling field: 51 x 10 mm. |                 |    |
| anthracite  | <b>1764 NLI-81</b>  | 2CKA001731A1552 | 10 |
| ivory white   | <b>1764 NLI-82</b>  | 2CKA001731A1876 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).  
<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker el. push-switch |                 |    |
| anthracite  | <b>2570-10-81</b>  | 2CKA001751A3261 | 10 |
| ivory white   | <b>2570-10-82</b>  | 2CKA001751A3263 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 2g el. push-switch |                 |    |
| anthracite  | <b>2570-20-81</b>   | 2CKA001751A3272 | 10 |
| ivory white   | <b>2570-20-82</b>   | 2CKA001751A3274 | 10 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 3g el. push-switch |                 |          |
| anthracite  | <b>2570-30-81</b>   | 2CKA001751A3283 | 10       |
| ivory white   | <b>2570-30-82</b>   | 2CKA001751A3285 | 10       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>El. push-switch insert |                 |    |
|   | <b>2051 U</b>   | 2CKA001413A1115 | 10 |

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch insert 2g |                 |    |
|  | <b>2052 U</b>   | 2CKA001413A1116 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch ins. 3g |                 |    |
|   | <b>2053 U</b>   | 2CKA001413A1117 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate</b><br>For card switch.<br>For insert 2025 U.<br>Suitable for cards sized 54 x 86 mm.<br>The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated. |                 |    |
| anthracite  | <b>1792-81</b>   | 2CKA001710A3639 | 10 |
| ivory white   | <b>1792-82</b>   | 2CKA001710A3640 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Card switch 10 A <sup>1)</sup> SP, with normally open contact (operating current)</b><br>Illuminable.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1 |                 |    |
|   | <b>2025 U</b>  | 2CKA001012A1713 | 10 |

**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.


**delivery form:** Adapter plate APBS to be ordered separate.


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)





## Busch-dynasty®


### Rocker switches / push switches

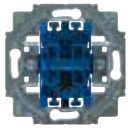
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate, card switch RFID |                 |          |
| anthracite  | 1792 RFID-81  | 2CKA001710A4130 | 10       |
| ivory white   | 1792 RFID-82  | 2CKA001710A4132 | 10       |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>With marking.<br>Card switch insert RFID |                 |          |
|   | <b>2025 RFID U</b>  | 2CKA001012A2242 | 10       |

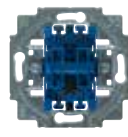
| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br>With marking.<br>For flush-mounted switch 2g 1w, 2g push switch.<br>With Marking " DO NOT DISTURB / MAKE UP ROOM" |                 |          |
| anthracite  | <b>1785/11-81</b>  | 2CKA001751A3205 | 10       |
| ivory white   | <b>1785/11-82</b>  | 2CKA001751A2991 | 10       |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>As cover for flush-mounted rocker control switch insert, DND/MUR.<br>DO NOT DISTURB<br>MAKE UP ROOM<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1785/11 K-81</b>  | 2CKA001751A3212 | 10       |
| ivory white   | <b>1785/11 K-82</b>  | 2CKA001751A3214 | 10       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker DND/MUR el. p.-swit |                 |          |
| anthracite  | <b>2058-24-81</b>  | 2CKA001751A3223 | 10       |
| ivory white   | <b>2058-24-82</b>  | 2CKA001751A3225 | 10       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker switch insert DND/MUR 1)</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2028 UK</b>   | 2CKA001012A2240 | 10/100   |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker switch insert DND/MUR 1)</b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2028/12 UK</b>   | 2CKA001012A2241 | 10/100   |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush Mounted Inserts</b><br>El. push-switch DND/MUR |                 |          |
|   | <b>2058 UK</b>  | 2CKA001413A1114 | 10/100   |

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>Bell push-switch DND/MUR 230 V 1)</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
| anthracite   | <b>2029 UC-81</b>  | 2CKA001751A3167 | 1        |
| ivory  | <b>2029 UC-82</b>  | 2CKA001751A3168 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete).


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Bell push-switch DND/MUR 24 V 1)</b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
| anthracite  | <b>2029/12 UC-81</b>   |                 | 1        |
| ivory   | <b>2029/12 UC-82</b>   | 2CKA001751A3236 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete).


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Bell push-switch DND/MUR |                 |          |
| anthracite  | <b>2059 UC-81</b>  | 2CKA001751A3243 | 1        |
| ivory   | <b>2059 UC-82</b>  | 2CKA001751A3245 | 1        |

## Busch-dynasty®

### Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Friends of Hue smart switch insert<br/>Wall-mounted transmitter, 2 / 4 channel.</b><br>For smart switch rockers 6735 BT-8xx and 6736 FoH-8xx. Smarter light switches for wireless remote control of Philips Hue lamps. For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear.<br>Can be mounted freely in the room with the enclosed adhesive tape and fixing plate.<br>Including fixing plate for mounting on smooth walls or on switch boxes. |                 |          |
|   | <b>6716 U-500</b>   | 2CKA006710A0014 | 1        |
| BT smart switch insert (SF)   | <b>6716 UBT</b>   | 2CKA006710A0015 | 1        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>1gang rocker for Friends of Hue and Bluetooth (Casambi)</b><br>Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. |                 |   |
| anthracite  | <b>6735 BT-81</b>  | 2CKA006730A0142 | 1 |
| beige   | <b>6735 BT-82</b>  | 2CKA006730A0143 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>2gang rocker for Friends of Hue and Bluetooth (Casambi)</b><br>Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. |                 |   |
| anthracite  | <b>6736 FoH-81</b>   | 2CKA006730A0133 | 1 |
| ivory white   | <b>6736 FoH-82</b>   | 2CKA006730A0134 | 1 |

<sup>1)</sup> Surface painted.


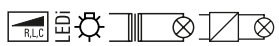
### Dimmers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> <sup>7)</sup> <sup>8)</sup> <sup>9)</sup><br/>Flush-mounted, LED, 2-100 W</b><br>With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br>Mix operator of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.<br>Low-noise level by MOSFET transistors.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>With adjustable minimum brightness.<br>Without cover plate.<br>Rated voltage: 230 V~, + 10% / - 10%<br>Rated frequency: 50 Hz/60 Hz<br>Nominal power: 2 - 100 W/VA (retrofit LED loads).<br>Nominal power: 10 - 250 W/VA (non-LED loads).<br>Protection class (Device): IP 20<br>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>6523 U-102-500</b>  | 2CKA006512A0335 | 1/10     |

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

# Busch-dynasty®


## Dimmers

| Product   | Article-No.            | Order-No.              | Pack/Qty    |
|---|------------------------|------------------------|-------------|
|  <p><b>Busch-rotary dimmer</b> <sup>1) 2) 3) 4) 5) 6) 7) 8) 9)</sup><br/> <b>UP, LED, 2-400 W</b><br/>           Very small installation depth: &lt; 20 mm<br/>           Without claws.<br/>           With rotary control, two-way switch and soft-catch.<br/>           2-wire connection (neutral conductor not required)<br/>           Optimised for dimming of retrofit LED lamps (LEDi).<br/>           For dimmable Retrofit-LEDs (LEDi).<br/>           For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br/>           For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br/>           Mix operation of LEDi with conventional loads possible.<br/>           With manually adjustable operating mode: trailing / leading edge control.<br/>           With adjustable minimum/maximum brightness.<br/>           Low-noise level by MOSFET transistors.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, + 10% / - 10%<br/>           Rated frequency: 50 Hz/60 Hz<br/>           Nominal power: 2 - 100 W/VA (leading edge control)<br/>           Nominal power: 2 - 400 W/VA (trailing edge control)<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6523 UR-103-500</b> | <b>2CKA006512A0345</b> | <b>1/10</b> |

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product  | Article-No.       | Order-No.              | Pack/Qty    |
|--|-------------------|------------------------|-------------|
|  <p><b>Busch-rotary dimmer</b> <sup>1) 2) 3) 4) 5) 6)</sup><br/> <b>UP, RL, 200-700 W</b><br/>           With rotary control, 2way On-Off switching and soft-catch.<br/>           Leading Edge control.<br/>           For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.<br/>           Short-circuit-proof, overload-protected.<br/>           With adjustable minimum brightness.<br/>           Without cover plate.<br/>           Without claws.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Rated power: 200 - 700 W/VA<br/>           IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6520 U-500</b> | <b>2CKA006520A0227</b> | <b>1/10</b> |


- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> Provided with terminal for net disconnection devices.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>6)</sup> Should be mounted in a separate wallbox.

|  |               |                        |          |
|--|---------------|------------------------|----------|
|  <p><b>Busch-rotary dimmer</b> <sup>1)</sup><br/> <b>Flush-mounted, DALI, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           Fool proof.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Max. current consumption: 15 mA.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2116 U</b> | <b>2CKA006599A3025</b> | <b>1</b> |
|--|---------------|------------------------|----------|


- <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## Busch-dynasty®


### Dimmers

| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, with internal power supply, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in active mode.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel connection: 111<br/>           Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2116/11 U</b> | 2CKA006599A3026 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI</b><br/>           For DALI broadcast service (via central telegram).<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           Fool proved.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Max. current consumption: 15 mA.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2117 U-500</b> | 2CKA006599A2987 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                      |                 |   |
|--|----------------------|-----------------|---|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI, with internal power supply</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in active mode.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel connection: 111<br/>           Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2117/11 U-500</b> | 2CKA006599A2988 | 1 |
|--|----------------------|-----------------|---|


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

# Busch-dynasty®

## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> with rotary knob, with indication lamp</b><br>Elevated knob.<br>For Busch-Dimmer®.<br>For inserts<br>2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/<br>6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U. |                 |          |
| anthracite  | <b>6540-81-102</b>  | 2CKA006599A2950 | 10       |
| ivory white   | <b>6540-82-102</b>  | 2CKA006599A2951 | 10/100   |


<sup>1)</sup> Replacement neon lamp, Art. No. 3855.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Control element <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with neon lamp</b><br>Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U. |                 |      |
| anthracite  | <b>6543-81-101</b>   | 2CKA006599A2881 | 1/10 |
| ivory white   | <b>6543-82-101</b>   | 2CKA006599A2831 | 1/10 |

<sup>1)</sup> Compatible with previous type 6543-xxx.

<sup>2)</sup> Touch-type Controller 6550 U-xxx non-illuminable.

<sup>3)</sup> Replacement neon lamp 3857.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> FM, LED, 3-240 VA</b><br>2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>64851 U-500</b>  | 2CKA006500A0013 | 1        |



<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Recommendation: Please use loads and types of one producer.


<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.


<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Control element, 1 gang flex</b><br>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |   |
|   | <b>64711-500</b>  | 2CKA006400A0099 | 1 |


## Busch-dynasty®


### Dimmers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62711-WL-500</b>  | 2CKA006200A0281 | 1        |

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Flex control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |   |
|  | <b>64721-500</b>  | 2CKA006400A0101 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Control element, 2 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |   |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Rocker 1gang, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units |                 |   |
| anthracite  | SRD-1-81  | 2CKA006220A0149 | 1 |
| ivory white   | SRD-1-82  | 2CKA006220A0520 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Rocker 2gang left, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units |                 |   |
| anthracite  | SRD-2-L-81   | 2CKA006220A0164 | 1 |
| ivory white   | SRD-2-L-82   | 2CKA006220A0525 | 1 |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker 2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units |                 |          |
| anthracite  | SRS-2-R-81   | 2CKA006220A0173 | 1        |
| ivory white   | SRS-2-R-82   | 2CKA006220A0528 | 1        |

## Busch-dynasty®

### Movement detectors

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Proximity switch</b><br>3 wire connection (neutral conductor required).<br>Relay insert with proximity sensor.<br>For contactless ON/OFF switching of electric loads, e.g. lights.<br>For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.<br>Switches when detecting an approach at < approx. 5 cm.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.<br>Rated current: 10 AX<br>Rated power: 2300 W/VA<br>Temperature range (Device): -25 °C to 55 °C<br>British Standard EN 60669-2-1  |                 |          |
|   | <b>6406 U</b>  | 2CKA006400A0034 | 1        |
|  | <b>Cover plate</b><br><b>Proximity switch</b><br>For proximity switch 6406 U.  |                 |          |
| anthracite  | <b>6476-81</b>   | 2CKA006470A0007 | 1/10     |
| ivory white   | <b>6476-82</b>   | 2CKA006470A0003 | 10       |
|  | <b>Relay insert flex, 1gang <sup>1)</sup></b><br>3 wire connection (neutral conductor required).<br>For switching lighting systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Comfort switch flex control element 64765-...<br>For Busch-Watchdog 180 flex sensors 6476x-...<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 1<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical. Rated power: 300 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps. Rated power: 2300 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 2300 VA<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |
|   | <b>64811 U-500</b>   | 2CKA006800A3042 | 1/10     |







<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Relay insert flex, 2gang <sup>1)</sup></b><br>3 wire connection (neutral conductor required).<br>For switching lighting systems.<br>For switching two independent load circuits.<br>For controlling light and ventilation systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Comfort switch flex control element 64765-...<br>For Busch-Watchdog 180 flex sensors 6476x-...<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 2<br>Outputs: 2x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical.<br>Rated power: 300 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br>Rated power: 1840 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 1150 VA<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |
|   | <b>64821 U-500</b>  | 2CKA006800A3045 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)







## Busch-dynasty®

### Movement detectors

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>e-contact insert flex, 1gang <sup>1)</sup> <sup>2)</sup></b><br>2-wire connection (neutral conductor not required)<br>Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA).<br>For switching lighting systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Watchdog 180 flex sensors 6476x-...<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 1<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical.<br>Rated power: 3 - 240 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br>Rated power: 10 - 240 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 3 - 240 VA<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |
|      | <b>64814 U-500</b>   | 2CKA006800A3048 | 1        |

<sup>1)</sup> Use only dimmable high-voltage LEDs.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|   | <b>LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup></b><br><b>FM, LED, 3-240 VA</b><br>2-wire connection (neutral conductor not required)<br>Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA).<br>Touch dimmer for switching lighting systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Optimised for dimming of retrofit LED lamps (LEDi).<br>For dimmable Retrofit-LEDs (LEDi).<br>For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br>Mix operator of LEDi with conventional loads possible.<br>With manually adjustable operating mode: trailing / leading edge control.<br>With adjustable minimum brightness.<br>With light-level memory and minimum brightness memory.<br>Low-noise level by MOSFET transistors.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Without control cover.<br>For control element flex, 1gang, 64711.<br>For control element flex, 2gang, 64721.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Rated power: 3-240 VA (LEDi)<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 1<br>Outputs: 1x dimming channel<br>Suitable for: 230 V LEDi, typical (leading edge control)<br>Rated power: 3 - 100 VA<br>Suitable for: 230 V LEDi, typical (trailing edge control)<br>Rated power: 3 - 240 W<br>Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.<br>Rated power: 10 - 240 VA<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|      | <b>64851 U-500</b>   | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.

<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Recommendation: Please use loads and types of one producer.


<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.





## Busch-dynasty®

### Movement detectors

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>3 wire connection (neutral conductor required).<br/>For the extension of the Busch-Comfort switch or presence detector installations.<br/>For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover.<br/>For control element flex, 1gang, wireless, 62711-WL.<br/>For control element flex, 2gang, wireless, 62721-WL.<br/>For Busch-Watchdog 180 flex sensors 6476x-... .<br/>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts.<br/>Rated voltage: 230 V~, +10 % / -10 %, Rated frequency: 50 Hz<br/>Control/Signal outputs: 1, electronic output, potential-bound<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>Mounting depth: 25 mm</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                     |                 |   |
|--|---------------------|-----------------|---|
|  <p><b>Comfort switch flex sensor</b><br/>Movement detector push-button switch combination.<br/>For switching lighting systems that depend on brightness and movement. Push switch function possible at all times. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. Compatible with all free@home flexTronics inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C.</p> | <b>64765-81-500</b> | 2CKA006800A2883 | - |
|  | <b>64765-82-500</b> | 2CKA006800A2835 | - |

| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Busch-Watchdog 180 flex, basic sensor <sup>1)</sup> <sup>2)</sup> with select-lens</b><br/>Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness.<br/>Compatible with all free@home flex inserts.<br/>Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U.<br/>For e-contact insert flex, 1gang, 64814 U.<br/>For series relay insert flex, 2gang, 64821 U.<br/>For LED touch dimmer insert flex, 1gang, 64851 U.<br/>For extension insert flex, 64891 U. Mounting height: 22 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/>Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m. Detection angle: 180 °<br/>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> | <b>64761-81-500</b> | 2CKA006800A2921 | 1        |
|  | <b>64761-82-500</b> | 2CKA006800A2923 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.


|   |                     |                 |   |
|---|---------------------|-----------------|---|
|  <p><b>Busch-Watchdog 180 flex, comfort sensor <sup>1)</sup> <sup>2)</sup> with select-lens</b><br/>Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With continuous light/continuous Off function. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br/>Detection angle: 180 °. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m. Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> | <b>64762-81-500</b> | 2CKA006800A2958 | 1 |
|   | <b>64762-82-500</b> | 2CKA006800A2960 | 1 |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

## Busch-dynasty®




### Movement detectors

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with multi-lens</b><br>Movement detector sensor with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>For detection down to the floor.<br>For detection in stairwells.<br>With 4 detection levels.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Multi-lens: suitable also for mounting heights of 2.20 m.<br>Extension of the detection range by means of master/slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 54 sectors with 224 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 31 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br>Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 45 mm |                 |          |
| anthracite  | <b>64764-81-500</b>   | 2CKA006800A2995 | 1        |
| ivory white   | <b>64764-82-500</b>   | 2CKA006800A2997 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.


<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

### Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Key Switch Insert <sup>1) 2) 3)</sup> breaking circuit, 1-pole</b><br>For profile semi-cylindrical lock.<br>In switched-on and switched-off status the key can be pulled out in the central position, respectively.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2733 USL-101</b>  | 2CKA001101A0914 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.  |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>  | not applicable   |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.   |                 |          |
| <sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)   |  |                 |          |
| <sup>2)</sup> Use the cylindrical lock according to the enclosed drawing.   |  |                 |          |
| <sup>3)</sup> See profile semi-cylindrical lock.  |  |                 |          |
|    | <b>Blind switch insert <sup>1) 2)</sup> SP, switch</b><br>With interlock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1  |                 |          |
|   | <b>2000/4 US-500</b>   | 2CKA001012A2197 | 10/100   |
|   | <b>2020/4 US-500</b>   | 2CKA001413A1103 | 10/100   |
| <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) |  |                 |          |
| <sup>2)</sup> These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.  |  |                 |          |
|    | <b>Blind switch insert <sup>1) 2)</sup> DP</b><br>With rotary knob/switch and push switch.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1  |                 |          |
|   | <b>2712 U</b>  | 2CKA001101A0534 | 10       |
|   | <b>SP, N, E</b>  |                 |          |
|   | <b>2713 U</b>  | 2CKA001101A0542 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.  |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>  | not applicable   |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.   |                 |          |
| <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) |  |                 |          |
| <sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.  |  |                 |          |
| <sup>3)</sup> Also suitable for controlling direct voltage drives.  |  |                 |          |

## Busch-dynasty®


### Blind control / timers

| Product  | Article-No.             | Order-No.       | Pack/Qty |
|--|-------------------------|-----------------|----------|
|  <p><b>Blind switch insert <sup>1) 2)</sup></b><br/>           With rotary knob/push button.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 20<br/>           IEC60669-1, British Standard EN 60669-1</p> | <b>DP <sup>3)</sup></b> |                 |          |
|  | <b>2722 U</b>           | 2CKA001101A0559 | 10       |
| <b>SP, N, E</b>  |                         |                 |          |
| <b>2723 U</b>  | 2CKA001101A0567         | 10              |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Also suitable for controlling direct voltage drives.

|   |                         |                 |    |
|---|-------------------------|-----------------|----|
|  <p><b>Blind switch/push-switch <sup>1) 2) 3) 4)</sup></b><br/>           For profile semi-cylindrical lock/switch and push-switch.<br/>           Delivered without cylindrical lock.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 100 W<br/>           Protection class (Device): IP 20<br/>           IEC60669-1, British Standard EN 60669-1</p> | <b>DP <sup>5)</sup></b> |                 |    |
|   | <b>2712 USL-101</b>     | 2CKA001101A0872 | 10 |
| <b>SP, N, E</b>   |                         |                 |    |
| <b>2713 USL-101</b>   | 2CKA001101A0880         | 10              |    |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>4)</sup> See semi-cylindrical lock.

<sup>5)</sup> Also suitable for controlling direct voltage drives.

|  |                         |                 |    |
|--|-------------------------|-----------------|----|
|  <p><b>Blind switch insert <sup>1) 2) 3) 4)</sup></b><br/>           For profile semi-cylindrical lock/push-button.<br/>           Delivered without cylindrical lock.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 20<br/>           British Standard EN 60669-1, IEC60669-1</p> | <b>DP <sup>5)</sup></b> |                 |    |
|  | <b>2722 USL-101</b>     | 2CKA001101A0898 | 10 |
| <b>SP, N, E</b>  |                         |                 |    |
| <b>2723 USL-101</b>  | 2CKA001101A0906         | 10              |    |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)


<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>4)</sup> See semi-cylindrical lock.


<sup>5)</sup> Also suitable for controlling direct voltage drives.

| Product  | Article-No.                                  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <p><b>DIN profile-semi cylindrical lock</b><br/>           Acc. to German Standard DIN 18252.<br/>           Total length 40 mm<br/>           for blind switches and push switches<br/>           For inserts 2712/2713/2722/2723/2733 USL-101 and<br/>           2712/2733 SLW-5x.<br/>           Protection class (Device): IP 20</p> | <b>different lock mechanism, with 3 keys</b> |                 |          |
|  | <b>0520 PZ-VS</b>                            | 2CKA000470A0013 | 1/100    |
| <b>lock mechanism, with 3 keys</b>   |  |                 |          |
| <b>0521 PZ-GS</b>  | 2CKA000470A0021                              | 1/100           |          |

|   |                   |      |  |
|---|-------------------|------|--|
|  <p><b>Blind compact timer</b><br/>           Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br/>           Without extension unit input.<br/>           Running time: 3 min<br/>           N-busbar connection is required.<br/>           For manual and time-controlled switching of blinds and roller blinds.<br/>           Memory function for the simple storage of switching times.<br/>           The controlled devices can be manually operated at any time.<br/>           Simple setting via display with with segment display and background illumination.<br/>           Factory pre-set switching times, individual adaptations are possible.<br/>           2 switching times per day can be freely adjusted for each day of the week.<br/>           Automatic switchover from summer time to winter time (switch-off function).<br/>           Switching times and programs are safely stored in the event of a mains power failure.<br/>           Power reserve for time and date &gt; 10 years.<br/>           Simple toggling between manual/automatic/vacation modes.<br/>           See the associated cover plates 6435-xx.<br/>           Programming possible only with control element attached and energized.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Outputs: 2x Normally open contact<br/>           Rated current: 3 A, cos φ 0.5<br/>           Rated power: 690 VA<br/>           Temperature range (Device): 0 °C to 45 °C</p> | <b>6422 U-500</b> |      |  |
|   | 2CKA006410A0410   | 1/10 |  |

## Busch-dynasty®

### Blind control / timers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Basic blind insert <sup>1) 2)</sup><br/>2-wire blind insert</b><br>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br>Suitable for operation without neutral conductor.<br>Without an extension input.<br>For control cover 6430-xx-xxx.<br>For standard timer control element 6456-101.<br>Running time: 3 min. Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Outputs: 2x Normally open contact<br>Rated current: 3 A, cos φ 0.5<br>Rated power: 690 VA<br>Temperature range (Device): 0 °C to 35 °C |                 |          |
|   | <b>6418 U-500</b>  | 2CKA006410A0376 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.  |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.   |                 |          |


<sup>1)</sup> N-conductor connection required for operation with control cover 6430-7x, illuminated.

<sup>2)</sup> N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Busch-Blind control II switch insert <sup>1)</sup></b><br>Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off.<br>With two 230 V multi-way input terminals (Up/Down) for group control. With operating mode switch for the following modes: normal, louvre, base station, position.<br>With party function (disables the local control unit) in combination with Busch-Blind control II control cover 6430-xx-xxx, 6066-xx-xxx.<br>Wind alarm, cleaning functions can be accommodated via extension input.<br>For control cover 6430-xx-xxx.<br>For IR control element 6066-xx-xxx.<br>For comfort timer control element 6455-101-500.<br>Running time: 3 min<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Outputs: 2x Normally open contact<br>Rated current: 3 A, cos φ 0.5<br>Rated power: 690 VA<br>Control/Signal outputs: 2<br>Temperature range (Device): 0 °C to 35 °C |                 |      |
|   | <b>6411 U-500-101</b>  | 2CKA006410A0378 | 1/10 |


<sup>1)</sup> Compatible with types 6411 U/x.


|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Brightness sensor</b><br>For insert 6411U/S-101.<br>With 2 m connecting cable.<br>Measuring range: 15-50,000 lux. |                 |      |
|   | <b>6414-101</b>  | 2CKA006410A0389 | 1/10 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Sun sensor</b><br>For insert 6411U/S-101.<br>Measuring range: 5-50,000 lux. |                 |   |
|   | <b>6482</b>  | 2CKA006410A0203 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Short-time timer insert <sup>1)</sup><br/>countdown timer</b><br>For time-programmed switching of electrical consumers.<br>With control cover, without cover plate.<br>Minimum timer time: 1 second.<br>Maximum timer time: 9:59:59 hours.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Outputs: 1x Normally open contact<br>Rated current: 10 A, cos φ 1<br>Rated power: 2300 VA<br>Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>6465 U-101-500</b>   | 2CKA006410A0393 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>Cover frames:</b>  | 1gang frame 1721 BS-2xG<br>or Dual Box frame 1722 BSDB-2xG.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>  | not applicable  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker with marking</b><br>As cover for flush-mounted blind control switch/push switch.<br>For inserts 2000/4 and 2020/4 US. |                 |    |
| anthracite  | <b>1785 JA-81</b>   | 2CKA001751A2934 | 10 |
| ivory white   | <b>1785 JA-82</b>   | 2CKA001751A2748 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate with rotary control, with marking</b><br>As cover for flush-mounted blind control switch/push switch.<br>For inserts 2712 U, 2713 U and 2722 U, 2723 U. |                 |    |
| anthracite  | <b>1740-81</b>   | 2CKA001710A3623 | 10 |
| ivory white   | <b>1740-82</b>   | 2CKA001710A3154 | 10 |


|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Control element</b><br>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br>For basic blind insert 6418 U.<br>For Busch-Universal 2gang 1way insert 6402 U. |                 |      |
| anthracite  | <b>6430-81-102</b>   | 2CKA006430A0326 | 1/10 |
| ivory white   | <b>6430-82-102</b>   | 2CKA006430A0327 | 1/10 |

## Busch-dynasty®

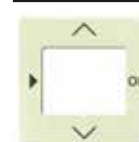
### Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Standard timer control element <sup>1)</sup></b><br>For manual and time-controlled switching of blinds and roller blinds.<br>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.<br>Simple setting via high-resolution display with background illumination.<br>With preset switching times/date/time.<br>Factory-set switching times can be individually adjusted.<br>Automatic switchover from summer time to winter time (switch-off function).<br>Switching times/programme are safely stored in the event of a mains power failure.<br>Power reserve for time and date > 10 years.<br>Simple toggling between manual/automatic/vacation modes.<br>Programming possible only with control element attached and energized.<br>2 switching times per day can be user-defined for each day of the week.<br>Astro switching times and switching times can be combined.<br>For basic blind insert 6418 U.<br>Temperature range (Device): 0 °C to 35 °C |                 |          |
|   | <b>6456-101</b>  | 2CKA006410A0398 | 1/10     |

<sup>1)</sup> See respective cover plates 6435-xx.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Comfort timer control element <sup>1)</sup></b><br>For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.<br>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.<br>Simple setting via high-resolution display with background illumination.<br>With preset switching times/date/time.<br>Factory-set switching times can be individually adjusted.<br>Automatic switchover from summer time to winter time (switch-off function).<br>Switching times/programme are safely stored in the event of a mains power failure.<br>Power reserve for time and date > 10 years.<br>Simple toggling between manual/automatic/vacation modes.<br>Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function.<br>Freely adjustable temperature and brightness-dependent sun protection function.<br>Freely adjustable twilight function.<br>User-adjustable running times for blinds and air conditioning.<br>Programming possible only with control element attached and energized.<br>6 switching times per day can be user-defined for each day of the week.<br>Astro switching times and switching times can be combined.<br>When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.<br>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br>For Busch-Universal relay switch insert 6401 U-102.<br>For Busch-Universal master dimmer insert 6593 U.<br>For LED dimmer insert 6524 U and 6526 U..<br>For Busch-Memory touch-type controller 6550 U-101.<br>Temperature range (Device): 0 °C to 35 °C |                 |          |
|   | <b>6455-101-500</b>   | 2CKA006410A0399 | 1/10     |

<sup>1)</sup> See respective cover plates 6435-xx.




#### Cover plate

For comfort timer control element 6455-101-500.  
For standard timer control element 6456-101.  
For room thermostats 1098 U-101 and 1098 UF-101.  
For short-time timer 6465 U-101.

|             |                |                 |    |
|-------------|----------------|-----------------|----|
| anthracite  | <b>6435-81</b> | 2CKA006430A0303 | 10 |
| ivory white | <b>6435-82</b> | 2CKA006430A0304 | 10 |


## Busch-dynasty®

### Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |          |
| anthracite  | <b>20 EUCKS-81</b>  | 2CKA002013A5265 | 10       |
| ivory white   | <b>20 EUCKS-82</b>  | 2CKA002013A5244 | 10/100   |
| antique brass<br>anthracite <sup>2)</sup>   | <b>20 EUCKS-845-500</b>   | 2CKA002013A5401 | 10       |
| antique brass<br>ivory white <sup>2)</sup>  | <b>20 EUCKS-848-500</b>   | 2CKA002013A5398 | 10/100   |

<sup>1)</sup> Increased shock protection .


<sup>2)</sup> Real metal surface refined by hand.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |        |
| antique brass<br>anthracite <sup>2)</sup>  | <b>23 EUCKS-845-507</b>  | 2CKA002011A6247 | 10     |
| antique brass<br>ivory white <sup>2)</sup>   | <b>23 EUCKS-848-507</b>  | 2CKA002011A6245 | 10     |
| anthracite <sup>3)</sup>   | <b>2300 EUCEB-81</b>   | 2CKA002013A5448 | 10     |
| ivory white <sup>3)</sup>  | <b>2300 EUCEB-82</b>   | 2CKA002013A5449 | 10/100 |


<sup>1)</sup> Increased shock protection .


<sup>2)</sup> Real metal surface refined by hand.


<sup>3)</sup> With screw-type terminals

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>SCHUKO® socket outlet steplight® <sup>1)</sup> With night orientation light</b><br>with separate connection cables for switch contact.<br>with LED,<br>Shuttered.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |   |
| ivory white   | <b>20 EUCEBLI-82</b>   | 2CKA002013A5292 | 1 |

<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>13 A Switched socket outlet</b><br>1gang<br>With screw-type terminals.<br>SP switched<br>Without claws.<br>Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.<br>Rated voltage: 250 V~<br>Rated current: 13 ABS 1363: part2 |                 |        |
| anthracite  | <b>2190 EUC-81</b>   | 2CKA002190A0216 | 10/100 |
| ivory white   | <b>2190 EUC-82</b>   | 2CKA002190A0213 | 10/100 |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet with hinged lid</b><br>With screwless terminals.<br>DP (2 P + E)<br>Hinged lid notches when opened.<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |          |
| ivory white   | <b>20 EUK-82</b>   | 2CKA002018A1465 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |    |
| anthracite  | <b>23 EUCEB-81</b>   | 2CKA002013A5474 | 10 |
| ivory white   | <b>23 EUCEB-82</b>   | 2CKA002013A5475 | 10 |
| antique brass<br>anthracite <sup>3)</sup>   | <b>23 EUCEB-845-500</b>  | 2CKA002013A5481 | 10 |
| antique brass<br>ivory white <sup>3)</sup>  | <b>23 EUCEB-848-500</b>  | 2CKA002013A5482 | 10 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> With screw-type terminal for rigid and flexible wires

<sup>3)</sup> Real metal surface refined by hand.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>SCHUKO® USB socket outlet, 2gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> shuttered</b><br>For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Rated voltage: 230 V~, +10 % / --10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: SCHUKO® socket outlet<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A. Output voltage: 5 V-<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A. Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |      |
| anthracite  | <b>20 EUCEB2USB-81-500</b>   | 2CKA002011A6268 | 1/10 |
| ivory white   | <b>20 EUCEB2USB-82-500</b>   | 2CKA002011A6270 | 1/10 |
| antique brass<br>anthracite <sup>5)</sup>   | <b>20 EUCEB2USB-845-500</b>  | 2CKA002011A6281 | 1/10 |
| antique brass<br>ivory white <sup>5)</sup>  | <b>20 EUCEB2USB-848-500</b>  | 2CKA002011A6282 | 1/10 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.






<sup>3)</sup> No data transfer.







<sup>4)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.

<sup>5)</sup> Surface painted.

## Busch-dynasty®

### Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Blind insert, 1 gang, 2 way flex</b><br>3 wire connection (neutral conductor required). For the control of roller shutters, blind and awning motors with mechanical or electronic limit switch shut-off. Group formation via extension input possible. Operation also via conventional push buttons (2020 US non-illuminated/2021/6 UK) possible. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL.  |                 |          |
|   | <b>64831 U-500</b>   | 2CKA006400A0096 | 1        |
|    | <b>Extension insert flex</b><br>3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts.   |                 |          |
|   | <b>64891 U-500</b>   | 2CKA006800A3051 | 1        |
|  | <b>Control element, 1 gang flex</b><br>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.  |                 |          |
|   | <b>64711-500</b>   | 2CKA006400A0099 | 1        |
|  | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62711-WL-500</b>  | 2CKA006200A0281 | 1        |
|  | <b>Control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.   |                 |          |
|   | <b>64721-500</b>   | 2CKA006400A0101 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1        |
|   | <b>Weather Station</b><br>For recording and transmitting of brightness, temperature, wind speed and rain. Weather data can be linked with actuators to automatically control functions. Weather data can be visualized in the free@home web interface and the free@home app. Remote operation via the Bluetooth and smartphone/tablet app.  |                 |          |
|   | <b>WS-1-WL.1</b>  | 2CKA006200A0297 | 1        |
|  | <b>Standard Inputs</b><br>WS-1/A1.1 Mast adapter weather station  |                 |          |
|   | <b>WS-1/A1.1</b>  | 2CKA006200A0848 | 1        |
|  | <b>Rocker 1gang, with "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| anthracite  | SRB-1-81  | 2CKA006220A0143 | 1        |
| ivory white   | SRB-1-82  | 2CKA006220A0518 | 1        |
|  | <b>Rocker 2gang left/right, "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| anthracite  | SRB-2-81  | 2CKA006220A0158 | 1        |
| ivory white   | SRB-2-82  | 2CKA006220A0523 | 1        |
|  | <b>Rocker 2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| anthracite  | SRS-2-R-81  | 2CKA006220A0173 | 1        |
| ivory white   | SRS-2-R-82  | 2CKA006220A0528 | 1        |

## Busch-dynasty®

### Socket outlets

| Product   | Article-No.                             | Order-No.                  | Pack/Qty        |      |
|---|---|----------------------------|-----------------|------|
|  <p><b>USB socket outlet earthing pin, 2gang <sup>1)</sup> <sup>2)</sup> shuttered</b><br/>           For connecting electric loads.<br/>           DP (2 P + E)<br/>           With screwless terminals.<br/>           For supply and support of mobile devices via USB-cable.<br/>           With two USB type A outputs.<br/>           Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br/>           Support of loading protocol on the USB-A connection:<br/>           Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Suitable for the countries: Belgium, Poland, Czech Republic.<br/>           Rated voltage: 230 V~, +10 % / --10 %<br/>           Secondary: 5 V-, +5 % / -5 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 2x USB charging interface<br/>           Suitable for: Earth pin socket<br/>           Rated current: 16 A<br/>           Suitable for: In case one output is used:<br/>           Rated current: 2.4 A<br/>           Suitable for: In case two output are used:<br/>           Rated current: 1.2 A<br/>           Output voltage: 5 V-<br/>           Rated power: 12 W<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br/>           Mounting depth: 39.5 mm</p> |   |                            |                 |      |
|   | anthracite                              | <b>20 MUCB2USB-81-500</b>  | 2CKA002011A6290 | 1    |
|   | ivory white                             | <b>20 MUCB2USB-82-500</b>  | 2CKA002017A1889 | 1/10 |
|   | antique brass anthracite <sup>4)</sup>  | <b>20 MUCB2USB-845-500</b> | 2CKA002017A1895 | 1/10 |
|   | antique brass ivory white <sup>4)</sup> | <b>20 MUCB2USB-848-500</b> | 2CKA002017A1896 | 1/10 |


<sup>1)</sup> Socket outlet with integrated child protection. Replaces the usual term "...with child protection".

<sup>2)</sup> No data transfer.

<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.


<sup>4)</sup> Surface painted.


### Data communication

| Product   | Article-No.            | Order-No.       | Pack/Qty |
|---|------------------------|-----------------|----------|
|  <p><b>WLAN access point, flush-mounted <sup>1)</sup> <sup>2)</sup> power supply from mains power</b><br/>           Operation as WLAN access point for the connection of WLAN terminal devices to the LAN.<br/>           Operation as WLAN repeater for extending the transmission range of a WLAN.<br/>           Operation as WLAN adapter for integrating Ethernet terminal devices into a WLAN.<br/>           Supports WLAN standards IEEE 802.11b/g/n with 2.4 GHz; integrated WLAN antenna.<br/>           Backward connection of an Ethernet cable via screw terminals (10/100 Mbit/s).<br/>           Front-side Ethernet connection via a RJ45 socket (10/100 Mbit/s).<br/>           The three connections (WLAN, Ethernet/screw terminals and Ethernet/RJ45) can be used in parallel via the integrated switch.<br/>           Power supply via 2-pole connecting terminal.<br/>           Nominal voltage: 100 - 240 V~<br/>           For mounting in commercially available deep flush-mounted and hollow-wall boxes.<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Dimensions: (L x W x D): 80 mm</p> |                        |                 |          |
|   | <b>8186/31-101-500</b> | 2CKA008100A0359 | 1        |


<sup>1)</sup> Suitable for cover plate 1803-xxx.

<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

|  |                    |                 |   |
|--|--------------------|-----------------|---|
|  <p><b>Reset magnet</b><br/>           For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.<br/>           Protection class (Device): IP 20</p> |                    |                 |   |
|  | <b>8186/11-500</b> | 2CKA008100A0361 | 1 |

|   |                 |                 |        |
|---|-----------------|-----------------|--------|
|  <p><b>Universal data connection unit, cat. 3 <sup>1)</sup> 1gang</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> |                 |                 |        |
|   | <b>0213-500</b> | 2CKA000230A1549 | 10/100 |

<sup>1)</sup> Suitable for cover plate 1803-xxx.

|   |             |                 |        |
|---|-------------|-----------------|--------|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2gang internally parallel connected</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> |             |                 |        |
|   | <b>0214</b> | 2CKA000230A0235 | 10/100 |

**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.



**neon indicator:** not applicable

<sup>1)</sup> Suitable for cover plate 1803-02-xxx.




# Busch-dynasty®


## Data communication

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>Universal data connection box with down-leading outlet <sup>1)</sup></b><br><b>2 x outlets, 8/8-pole</b><br>With down-leading outlet.<br>For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br>Design according to IEC 60 603-7-2:2007.<br>Screw contacts<br>With claw.<br>Protection class (Device): IP 20  |                 |          |
|  | <b>0215</b>   | 2CKA000230A0243 | 10       |
| <b>Mounting boxes:</b>   | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>   | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>   | not applicable  |                 |          |
| <sup>1)</sup> Suitable for cover plate 1803-02-xxx.                                |   |                 |          |
|  | <b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup></b><br><b>1gang</b><br>With down-leading outlet and LSA self-cutting clamps.<br>RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br>Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br>Terminal marking A and B according to TIA/EIA-568-B.2.<br>Typ according to EN 60 603-7-51:2011-01.<br>Shielding according to DIN EN 55022, Class B.<br>Up to 500 MHz on all pairs of wires.<br>Suitable for 10-Gigabit Ethernet.<br>Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.<br>Flex cable entries from all sides without buckles.<br>Earthing of housing via 6,3 mm blade terminal at the back possible.<br>Re-embedded proofed.<br>Suitable for Mix-and-Match operation.<br>Suitable for RJ 11, RJ 12 und RJ 45.<br>For data cables with a diameter of 6 -10 mm.<br>For wires of AWG 24-22.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without claws.<br>Mounting depth: 31 mm.<br>Protection class (Device): IP 20 |                 |          |
|  | <b>0218/11-101</b>  | 2CKA000230A0409 | 1/10     |


<sup>1)</sup> Suitable for cover plate 1803-xxx.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup></b><br><b>2 x outlets, 8/8-pole</b><br>With down-leading outlet and LSA self-cutting clamps.<br>RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br>Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br>Terminal marking A and B according to TIA/EIA-568-B.2.<br>Typ according to EN 60 603-7-51:2011-01.<br>Shielding according to DIN EN 55022, Class B.<br>Up to 500 MHz on all pairs of wires.<br>Suitable for 10-Gigabit Ethernet.<br>Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.<br>Flex cable entries from all sides without buckles.<br>Earthing of housing via 6,3 mm blade terminal at the back possible.<br>Re-embedded proofed.<br>Suitable for Mix-and-Match operation.<br>Suitable for RJ 11, RJ 12 und RJ 45.<br>For data cables with a diameter of 6 -10 mm.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>For wires of AWG 24-22.<br>Without claws.<br>Mounting depth: 31 mm.<br>Protection class (Device): IP 20 |                 |          |
|   | <b>0218/12-101</b>  | 2CKA000230A0411 | 1/10     |

<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Universal data connection box 8(6)/ telephone unit 6F+N - connection box <sup>1)</sup></b><br><b>2 x 6-pole</b><br>with straight outlet,<br>with screw contacts,<br>Universal data-connection boxes: RJ 11/12,<br>ISDN capable Cat. 3 in acc. with IEC 603-7/German Standard DIN EN 60603-7,<br>Telecommunication outlet (telephone unit ): for 1 telephone, 1 auxiliary device or 1 data transmission unit,<br>With claw.<br>Protection class (Device): IP 20 |                 |        |
| white   | <b>UAE 8(6)TAE 6 F+N</b>  | 2CKA000230A0381 | 10/100 |


<sup>1)</sup> Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Satellite co-axial outlets</b><br><b>2 connectors/dead-end feeder</b><br>Broadband technology 5-2.400 MHz<br>For DVB-T, satellite and broad-band cable systems.<br>For analogue and digital transmission.<br>With claw.<br>Minimal installation depth, class A.<br>Protection class (Device): IP 20 |                 |        |
|   | <b>0230-101</b>  | 2CKA000230A0250 | 10/100 |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Antenna socket insert Radio/TV</b><br><b>2 connectors/loop through type</b><br>Broadband technology 5-2.400 MHz<br>For DVB-T, satellite and broad-band cable systems.<br>For analogue and digital transmission.<br>With claw.<br>Minimal installation depth, class A.<br>Protection class (Device): IP 20 |                 |        |
|   | <b>0231-101</b>  | 2CKA000230A0268 | 10/100 |

## Busch-dynasty®

### Data communication


| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder</b><br/>Broadband technology 47-2.150 MHz.<br/>SAT connection designed as screwable F-male plug with remote feed via F-bush<br/>For DVB-T and broadband-cable-systems.<br/>For analogue and digital transmission.<br/>With claw.<br/>Minimal installation depth, class A.<br/>Protection class (Device): IP 20</p> | <b>0232-101-500</b> | 2CKA000230A0463 | 10/100   |

|  |             |                 |        |
|--|-------------|-----------------|--------|
|  <p><b>Terminating resistor 75 Ohm</b><br/>Protection class (Device): IP 20</p> | <b>0239</b> | 2CKA000230A0201 | 10/100 |
|--|-------------|-----------------|--------|

|  |                 |                 |        |
|--|-----------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with green insert</b><br/>For 2 modular jack inserts.<br/>For systems: CommScope (AVAYA / AT&amp;T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.<br/>With R&amp;M adapter R310694 suitable for R&amp;M connection modules R305111, R305112, R305113 and R305114.<br/>Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1810-500</b> | 2CKA001753A9974 | 10/100 |
|--|-----------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

|   |                 |                 |        |
|---|-----------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with red insert</b><br/>For 2 modular jack inserts.<br/>Suitable for Art. Nos. 0210, 0211 and 0219-101.<br/>For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas &amp; Betts<br/>For Telegärtner AMJ/UMJ connection modules/ couplings.<br/>For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk.<br/>Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1812-500</b> | 2CKA001753A9972 | 10/100 |
|---|-----------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with black insert</b><br/>For MTRJ or 2 modular jack inserts.<br/>For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.<br/>For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.<br/>Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1814-500</b> | 2CKA001753A9973 | 10/100   |


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

|   |             |                 |        |
|---|-------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with blue insert</b><br/>For 2 modular jack inserts.<br/>For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III.<br/>Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1816</b> | 2CKA001710A3100 | 10/100 |
|---|-------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

|  |             |                 |        |
|--|-------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with orange base</b><br/>For 2 modular jack inserts.<br/>For system: LexCom 150 and LexCom 250.<br/>Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1819</b> | 2CKA001753A8056 | 10/100 |
|--|-------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

|   |             |                 |        |
|---|-------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with grey base</b><br/>For 2 modular jack inserts.<br/>For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.<br/>Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1820</b> | 2CKA001753A8057 | 10/100 |
|---|-------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.


<sup>2)</sup> For further information, please refer on the Internet.

|  |                |                 |      |
|--|----------------|-----------------|------|
|  <p><b>Flush-mounted assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For flush-mounted installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p> | <b>0219/12</b> | 2CKA000230A0395 | 1/10 |
|--|----------------|-----------------|------|


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## Data communication


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Channel assembly adapter</b><br>For the accommodation of one or two universal modules 0219.<br>For channel and under-floor installation.<br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>Protection class (Device): IP 20 |                 |          |
|   | <b>0219/13</b>  | 2CKA000230A0396 | 1/10     |


|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Universal module, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br>For installation in installation adapter 0219/12 or 0219/13.<br>Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB.<br>RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br>Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br>Cat. 6A according to ISO/IEC 11801: 2011-06.<br>Terminal marking A and B according to TIA/EIA-568-B.2.<br>Typ according to EN 60 603-7-51:2011-01.<br>Shielding according to DIN EN 55022, Class B.<br>Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.<br>Bend-radius optimised cable feed (30°).<br>Earthing of housing via 6,3 mm blade terminal at the back possible.<br>Re-embedded proofed.<br>Suitable for Mix-and-Match operation.<br>For 8-pole plug RJ 45 only.<br>Housing made from diecast zinc.<br>With integrated dust-protection cap (can be removed if necessary).<br>With insulation displacement connection<br>For data cables with a diameter of 6 -10 mm.<br>For wires of AWG 24-22.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Protection class (Device): IP 20 |                 |      |
|   | <b>0219-101</b>   | 2CKA000230A0413 | 1/10 |


<sup>1)</sup> With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)</b><br>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br>For conductor cross-sections of 0.12 mm <sup>2</sup> (AWG 26) to 0.35 mm <sup>2</sup> (AWG 22).<br>Protection class (Device): IP 20 |                 |    |
|   | <b>0210</b>  | 2CKA000225A0078 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)</b><br>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br>For conductor cross-sections of 0.12 mm <sup>2</sup> (AWG 26) to 0.35 mm <sup>2</sup> (AWG 22).<br>Protection class (Device): IP 20 |                 |    |
|   | <b>0211</b>  | 2CKA000225A0086 | 10 |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Built-in jack</b><br>For potential balancing jack cover plate and installation in cover plates.<br>For devices of 19 mm diameter.<br>Protection class (Device): IP 20 |                 |          |
|   | <b>0471-0-0037</b>   | 2CKA000471A0037 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Potential balancing plug</b><br>Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.<br>For potential balancing jack cover plate (connection up to 6 mm <sup>2</sup> crimped or soldered)<br>Protection class (Device): IP 20 |                 |    |
|   | <b>0299-0-0032</b>   | 2CKA000299A0032 | 10 |

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Blank plate with metal mounting plate</b> |                 |    |
| anthracite   | <b>1742-81</b>                               | 2CKA001710A3612 | 10 |
| ivory white  | <b>1742-82</b>                               | 2CKA001710A3143 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup></b><br>As cover for flex outlet, for cords up to 10.3 mm diameter.<br>With strain relief (without terminal block). |                 |    |
| anthracite  | <b>1749-81</b>  | 2CKA001710A3614 | 10 |
| ivory white   | <b>1749-82</b>  | 2CKA001710A3145 | 10 |


<sup>1)</sup> Cover plate can also be used individually as cover for telephone connector boxes (VDo).

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1)</sup></b><br>As cover for universal data connection boxes.<br>Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br>For WLAN access points 8186/31 and 8186/41.<br>Brand-Rex (WAEGV 8 EKR/EK).<br>BTR ( universal data connecting unit design and IAE design).<br>Telegärtner (AMJ 45, UMJ 45).<br>With down-leading outlet.<br>With labelling field.<br>Size of labelling field: 60 x 9 mm. |                 |    |
| anthracite  | <b>1803-81</b>   | 2CKA001710A3616 | 10 |
| ivory white   | <b>1803-82</b>   | 2CKA001710A3147 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


## Busch-dynasty®

### Data communication

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup><br/>2gang</b>  |                 |          |
|   | As cover for universal data connection boxes.<br>Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br>Brand-Rex (WAEGV 8/8 EKR/EK).<br>AMP (NETCONNECT 5E).<br>BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).<br>cti (cti-wire 2.8 Cat.6).<br>Telegärtner (AMJ 45, UMJ 45).<br>With down-leading outlet.<br>With labelling field.<br>Size of labelling field: 60 x 9 mm. |                 |          |
| anthracite  | <b>1803-02-81</b>   | 2CKA001710A3615 | 10       |
| ivory white   | <b>1803-02-82</b>   | 2CKA001710A3146 | 10       |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>Cover plate</b>  |                 |        |
|  | For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>For loudspeaker connection box.<br>USB power adapter insert 6472 U-500-101.<br>USB power adapter insert 6475 U-101-500.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). |                 |        |
| anthracite   | <b>1766-81</b>  | 2CKA001710A3613 | 10     |
| ivory white  | <b>1766-82</b>  | 2CKA001710A3144 | 10/100 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>as cover for standard Radio/TV/SAT socket outlets</b>         |                 |    |
|   | With 2 connectors<br>Acc. to German Standard DIN 45330.<br>Radio/TV/SAT.<br>With M3 fixing screw. |                 |    |
| anthracite  | <b>1743-81</b>  | 2CKA001724A4252 | 10 |
| ivory white   | <b>1743-82</b>  | 2CKA001724A2758 | 10 |


<sup>1)</sup> Third opening can be knocked out.

<sup>2)</sup> See inserts for satellite coaxial socket outlets.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup><br/>with labelling field</b>   |                 |    |
|   | For modular jack with slide entrance.<br>To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820.<br>Size of labelling field: 60 x 9 mm. |                 |    |
| anthracite  | <b>1800-81</b>  | 2CKA001710A3627 | 10 |
| ivory white   | <b>1800-82</b>  | 2CKA001710A3158 | 10 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Intermediate ring</b>   |                 |    |
|   | For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range. |                 |    |
| ivory white   | <b>1747 SI-82</b>  | 2CKA001710A3862 | 10 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Intermediate ring with hinged lid <sup>1)</sup><br/>Busch-balance® SI</b>  |                 |          |
|   | For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>With sealing ring.<br>With hinged lid.<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 63 mm x 63 mm x 20 mm |                 |          |
| anthracite  | <b>2518-WD-81</b>   | 2CKA001719A0217 | 10       |
| ivory white   | <b>2518-WD-82</b>   | 2CKA001719A0218 | 10       |

<sup>1)</sup> Combinable only with covers for flush-mounted inserts



|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate<br/>with hinged lid</b>   |                 |    |
|   | For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. |                 |    |
| anthracite  | <b>1746-81</b>   | 2CKA001710A3618 | 10 |
| ivory white   | <b>1746-82</b>   | 2CKA001710A3149 | 10 |

## Busch-dynasty®

### Multimedia / communication adapters

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio DAB+ <sup>1)</sup></b><br/> DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br/> With high-resolution colour display for showing additional information.<br/> Reception frequency: 87.50 MHz - 108.00 MHz.<br/> Receive frequency (DAB+): 174 MHz – 240 MHz.<br/> With external AUX input/output, reversible.<br/> For mono/stereo operation.<br/> 8 radio stations storable.<br/> With time and date display.<br/> With individual alarm and snooze function.<br/> With automatic switch-off function (automatic sleep mode).<br/> With extension input to remote-controlled ON/OFF switches.<br/> With integrated antenna.<br/> With additional connection for external antenna.<br/> Permitted speaker impedance: 4 - 8 Ohm<br/> Can be installed as 1gang and in multiple combinations.<br/> Control element: 4-button operation via floating rocker<br/> Display elements: ICU graphic display with 280 DPI.<br/> Rated voltage: 230 V~, +10 % / -10 %<br/> Rated frequency: 50 Hz - 60 Hz<br/> Control/Signal outputs: 2, Loudspeaker output, impedance 4 Ohm<br/> Rated power: 2 W (RMS)</p> <p>Protection class (Device): IP 20<br/> Temperature range (Device): 5 °C to 40 °C<br/> Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/> Mounting depth: 32 mm</p> | <b>8215 U-101-500</b> | 2CKA008200A0276 | 1/10     |




<sup>1)</sup>No claw. Screw-fixing via keyholes.

| Product  | Article-No.           | Order-No.       | Pack/Qty |
|--|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio BTconnect DAB+ <sup>1)</sup></b><br/> <b>With Bluetooth interface for music replay.</b><br/> DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br/> With high-resolution colour display for showing additional information.<br/> With Bluetooth interface for music replay of mobile devices.<br/> Connection of external Bluetooth loudspeakers possible.<br/> Reception frequency: 87.50 MHz - 108.00 MHz.<br/> Receive frequency (DAB+): 174 MHz – 240 MHz.<br/> With external AUX input/output, reversible.<br/> For mono/stereo operation.<br/> 8 radio stations storable.<br/> With time and date display.<br/> With individual alarm and snooze function.<br/> With automatic switch-off function (automatic sleep mode).<br/> With extension input to remote-controlled ON/OFF switches.<br/> With integrated antenna.<br/> With additional connection for external antenna.<br/> Permitted speaker impedance: 4 - 8 Ohm<br/> Can be installed as 1gang and in multiple combinations.<br/> Bluetooth specification: 4.2.<br/> Bluetooth profiles supported: A2DP<br/> Number of stored Bluetooth connections: max. 8<br/> Control element: 4-button operation via floating rocker<br/> Display elements: ICU graphic display with 280 DPI.<br/> Rated voltage: 230 V~, +10 % / -10 %<br/> Rated frequency: 50 Hz - 60 Hz<br/> Rated power: 2 W (RMS)</p> <p>Protection class (Device): IP 20<br/> Temperature range (Device): 5 °C to 40 °C<br/> Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/> Mounting depth: 32 mm</p> <p> <b>Bluetooth™</b></p> | <b>8217 U-101-500</b> | 2CKA008200A0279 | 1/10     |

<sup>1)</sup>No claw. Screw-fixing via keyholes.

## Busch-dynasty®

### Multimedia / communication adapters




| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-Radio iNet<sup>1) 2) 3) 4)</sup></b><br/>           WLAN Internet radio alarm clock for flush-mounted installation.<br/>           For the reception of national and international radio stations via Internet.<br/>           Radio station search possible via various genres.<br/>           With high resolution graphic display and background illumination.<br/>           With external AUX input.<br/>           Integrated web-server for configuration and control.<br/>           Remote operation with smartphone via browser surface.<br/>           UPnP replay function. It is controlled via smartphone.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With alarm function.<br/>           With short-time timer.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated WLAN antenna.<br/>           WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).<br/>           WLAN safety: WPA / WPA2.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm<br/>           Mounting depth: 33 mm</p> <p><b>APP</b></p> | <b>8216 U-500</b> | 2CKA008200A0153 | 1/10     |
|  <p><b>Loudspeaker insert<sup>1)</sup></b><br/> <b>5 cm (2")</b><br/>           With flat plug connector.<br/>           With broadband characteristics.<br/>           Rated output: 2 W (RMS)<br/>           Incl. speaker connection cable.<br/>           Frequency response: 200 - 20,000 Hz<br/>           Impedance: 4 Ohm<br/>           Protection class (Device): IP 20, SELV<br/>           Mounting depth: 32 mm</p>  | <b>8223 U-500</b> | 2CKA008200A0183 | 1/10     |
|  <p><b>Flush Mounted Inserts Flush-mounted installation boxes and inserts</b><br/>           Multi media connector ins.</p>   | <b>8231 U</b>     | 2CKA008200A0223 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.

<sup>2)</sup> Matching loudspeaker insert 8223 U.

<sup>3)</sup> Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

<sup>4)</sup> To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Busch-powerDock Insert<sup>1) 2) 3) 4)</sup></b><br/>           For charging and supplying mobile terminal devices.<br/>           With quick charging function for devices compatible with quick-charge™.<br/>           Makes possible fast charging of the mobile terminal device.<br/>           Rated voltage: 100 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Suitable for: Apple terminal device<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with USB-C connection<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge™ function.<br/>           Rated current: 2 A<br/>           Output voltage: 9 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm<br/>           Mounting depth: 32 mm</p> | <b>6473 U-500</b>  | 2CKA006400A0039 | 1/10     |
|  <p><b>Busch-powerDock Charging cradle with Apple lightning connection<sup>1)</sup></b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with lightning connection.<br/>           For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.<br/>           For iPhone 8 Plus, iPhone 8.<br/>           For iPhone 7 Plus, iPhone 7.<br/>           For iPhone SE.<br/>           For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.<br/>           For iPhone 5s, iPhone 5c, iPhone 5.<br/>           For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).<br/>           Suitable for use with protective covers certified by Apple.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p>   | <b>6473-500</b>    | 2CKA006400A0081 | 1/10     |
|  <p><b>Busch-powerDock Charging cradle with USB-C connection</b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with USB-C connection.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p>  | <b>6473/11-500</b> | 2CKA006400A0083 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.

<sup>2)</sup> The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.


<sup>3)</sup> In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

<sup>4)</sup> In these cases the quick-charging function of the terminal device is not enabled.

<sup>1)</sup> Not released for use with the iPad.

## Busch-dynasty®


### Multimedia / communication adapters

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>With USB-A &amp; USB-C interface</b><br/>For supply and support of mobile devices via USB-cable. With USB type A and USB type C female connector. To support two devices at the same time. Supports automatic negotiating of optimum charging parameters for the shortest charging times. Support of loading protocol on the USB-A connection: Apple MFI with 2.4 A and BC 1.2 with 1.5 A. Support of the additional quick-charge protocols: USB-PD and quick-charge 3.0 &amp; 4.0. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 220 - 230 V AC<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 2x USB charging interface<br/>Suitable for: Only USB-A bus occupied:<br/>Rated current: 3000 mA<br/>Output voltage: 5 V-<br/>Suitable for: Only USB-C bus occupied:<br/>Rated power: 18 W</p> <p>Suitable for: USB-A and USB-C bus occupied. Total:<br/>Rated current: 3250 mA<br/>Output voltage: 5 V-<br/>Protection class (Device): IP 20, SELV<br/>Temperature range (Device): 0 °C to 35 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm<br/>Mounting depth: 32 mm</p> | <b>6475 U-500</b> | 2CKA006400A0399 | 1        |


<sup>1)</sup> No claw. Screw-fixing via keyholes.

<sup>2)</sup> No data transfer.


<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.

|  |                    |                 |   |
|--|--------------------|-----------------|---|
|  <p><b>HDMI connection unit <sup>1)</sup><br/>with screw-type terminals and strain relief</b><br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.<br/>HDMI-type A, 3D-compatible.<br/>Fully HD ready (1920 x 1080 pixel).<br/>For 20-wire HDMI-cables via screw-type terminals.<br/>For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>Without cover plate.<br/>Without claws.<br/>Protection class (Device): IP 20<br/>Mounting depth: 34 mm</p> | <b>0261/31-500</b> | 2CKA000230A0430 | 1 |
|  | <b>0261/33-500</b> | 2CKA000230A0432 | 1 |
| <b>0261/32-500</b>   | 2CKA000230A0431    | 1               |   |


<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>VGA connection unit <sup>1)</sup><br/>with screw-type terminals and strain relief</b><br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>To link analogue video data between PCs and laptops to monitors or digital projectors etc.<br/>VGA-type: D-type, 15-pole.<br/>Fully HD ready (1920 x 1080 pixel).<br/>For 15-wire VGA-cables via screw-type terminals.<br/>For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>Without cover plate.<br/>Without claws.<br/>Protection class (Device): IP 20<br/>Mounting depth: 34 mm</p> | <b>0261/21-500</b> | 2CKA000230A0424 | 1        |
|   | <b>0261/23-500</b> | 2CKA000230A0426 | 1        |
| <b>0261/22-500</b>  | 2CKA000230A0425    | 1               |          |

<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.


|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>USB connection unit <sup>1)</sup><br/>with screw-type terminals and strain relief</b><br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc.<br/>USB-type A, USB 2.0 compatible.<br/>For 5-wire USB- cables via screw-type terminals.<br/>For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>Without cover plate.<br/>Without claws.<br/>Protection class (Device): IP 20<br/>Mounting depth: 34 mm</p> | <b>0261/11-500</b> | 2CKA000230A0418 | 1 |
|   | <b>0261/13-500</b> | 2CKA000230A0420 | 1 |
| <b>0261/12-500</b>  | 2CKA000230A0419    | 1               |   |


<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. USB cable lengths.


|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>Communication adapter<br/>for BNC-F Duct-jacks</b><br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>To support 1 or 2 jacks.<br/>For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>Without cover plate.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>0262/11-500</b> | 2CKA000230A0436 | 1 |
|   | <b>0262/13-500</b> | 2CKA000230A0438 | 1 |
| <b>0262/12-500</b>  | 2CKA000230A0437    | 1               |   |


## Busch-dynasty®


### Multimedia / communication adapters


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>F duct-jack for communication adapter</b><br>For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver.<br>With screw-type terminals.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Protection class (Device): IP 20 |                 |          |
| metal clad  | <b>0262-500</b>  | 2CKA000230A0440 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Communication adapter for Cinch-jacks</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To support 1 or 2 jacks.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20 |                 |   |
| white   | <b>0263/11-500</b>  | 2CKA000230A0444 | 1 |
| grey  | <b>0263/13-500</b>  | 2CKA000230A0446 | 1 |
| alpine white  | <b>0263/12-500</b>  | 2CKA000230A0445 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked white: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| alpine white  | <b>0263/04-500</b>   | 2CKA000230A0451 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked black: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| black   | <b>0263/05-500</b>   | 2CKA000230A0452 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked red: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| Red   | <b>0263/06-500</b>   | 2CKA000230A0453 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cinch-jacks for communication adapter</b><br>For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.<br>Marked yellow: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| yellow  | <b>0263/07-500</b>  | 2CKA000230A0454 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Communication adapter for Mini-jacks 3,5mm.</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To support 1 or 2 jacks.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0264/11-500</b>  | 2CKA000230A0458 | 1        |
| grey  | <b>0264/13-500</b>  | 2CKA000230A0460 | 1        |
| alpine white  | <b>0264/12-500</b>  | 2CKA000230A0459 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Mini-jack 3,5 mm for communication adapter</b><br>For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones.<br>Audio-band 20Hz - 20kHz.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| chrome gloss  | <b>0264-500</b>  | 2CKA000230A0462 | 1 |

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |        |
| white   | <b>0248/02-101</b>  | 2CKA000230A0402 | 10/100 |

<sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.

|   |   |  |  |
|---|---|--|--|
|  | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |  |  |
|---|---|--|--|

<sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>0248/05-101</b>  | 2CKA000230A0404 | 10/100 |

<sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.





## Busch-dynasty®

### Multimedia / communication adapters


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cover plate</b><br>For Busch-Radio DAB+ 8215 U-101.<br>For Busch-Radio BTconnect DAB+ 8217 U-101.<br>For Busch-Radio iNet 8216 U.  |                 |          |
| anthracite  | <b>8252-81-101-500</b>  | 2CKA008200A0249 | 10       |
| ivory white   | <b>8252-82-101-500</b>  | 2CKA008200A0251 | 10       |
|    | <b>Cover plate</b><br>For loudspeaker insert 8223 U.  |                 |          |
| anthracite  | <b>8253-81</b>  | 2CKA008200A0078 | 1/10     |
| ivory white   | <b>8253-82</b>  | 2CKA008200A0079 | 1/10     |
|   | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>FC-plate media connector.   |                 |          |
| anthracite  | <b>8256-81</b>  | 2CKA008200A0227 | 1/10     |
| ivory white   | <b>8256-82</b>  | 2CKA008200A0229 | 1/10     |
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>For loudspeaker connection box.<br>USB power adapter insert 6475 U-101-500.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). |                 |          |
| anthracite  | <b>1766-81</b>  | 2CKA001710A3613 | 10       |
| ivory white   | <b>1766-82</b>  | 2CKA001710A3144 | 10/100   |
|  | <b>Cover plate for Busch-powerDock</b><br>For Busch-powerDock charging cradle.  |                 |          |
| anthracite  | <b>6477-81</b>  | 2CKA006400A0056 | 10       |
| ivory white   | <b>6477-82</b>  | 2CKA006400A0057 | 10       |

### Room thermostats

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|   | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1   |                 |          |
|  | <b>1094 U-500</b>  | 2CKA001032A0512 | 1/10     |
| <b>Mounting boxes:</b>   | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>   | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |
| <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)<br><sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.<br><sup>3)</sup> Switching temperature difference: ± 0.5 K. |  |                 |          |
|   | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br><b>Slide switch</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |          |
|  | <b>1095 U-500</b>  | 2CKA001032A0514 | 1/10     |
| <b>Mounting boxes:</b>   | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>   | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |
| <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)<br><sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.<br><sup>3)</sup> Switching temperature difference: ± 0.5 K. |  |                 |          |

## Busch-dynasty®


### Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Sliding switch, 24 V</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 24 V~<br>Rated current: 1 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1096 U</b>   | 2CKA001032A0485 | 1        |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>1gang 2way</b><br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1097 U-500</b>   | 2CKA001032A0513 | 1/10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |      |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |      |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1094 UTA</b>  | 2CKA001032A0487 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Sliding switch, actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 UTA</b>   | 2CKA001032A0488 | 1/10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

# Busch-dynasty®

## Room thermostats

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



**Room thermostat, flush-mounted<sup>1) 2) 3)</sup>**  
**Sliding switch, actual value indication, 24 V**  
 With actual value temperature display  
 Automatic controller calibration  
 Switch contact opens when the set temperature is reached.  
 With built-in slide switch and control lamp for nightly reduction of 4 K.  
 With fixing claws.  
 Separate terminal to activate nighttime mode and reduction of room temperature by 4K.  
 Class of temperature controller 1  
 Contribution to space heating energy efficiency 1,0%.  
 Rated voltage: 24 V~  
 Rated current: 1 A  
 Temperature range (Device): 5 °C to 30 °C  
 Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1

**1096 UTA**                      2CKA001032A0489    1/10

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.



**Room thermostat, flush-mounted<sup>1) 2) 3)</sup>**  
**Change-over contact, actual value indication**  
 With actual value temperature display  
 Automatic controller calibration  
 With fixing claws.  
 Class of temperature controller 1  
 Contribution to space heating energy efficiency 1,0%.  
 Rated voltage: 230 V~  
 Rated current: 5 A  
 Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1

**1097 UTA**                      2CKA001032A0490    1/10

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.



**Room thermostat, flush-mounted<sup>1) 2) 3)</sup>**  
**Change-over contact, setpoint indication, timer**  
 With change-over contact.  
 Easy adjustment using menu and text-based display.  
 4 switching times per day can be user-defined for each day of the week.  
 With fixing claws.  
 Automatic summer/wintertime switch-over  
 Power reserve > 10 hours.  
 To fit cover plate 6435-xxx.  
 Class of temperature controller 1  
 Contribution to space heating energy efficiency 1,0%.  
 Rated voltage: 230 V~  
 Rated current: 10 A  
 Temperature range (Device): 5 °C to 30 °C  
 Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9

**1098 U-101**                      2CKA001032A0508    1/10

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



**Room thermostat, flush-mounted<sup>1)</sup>**  
**Remote sensor**  
 With remote sensor and thermal feedback  
 For underfloor heating.  
 With built-in slide switch and control lamp for nightly reduction of 4 K.  
 Switch contact opens when the set temperature is reached.  
 With fixing claws.  
 Remote sensor cable length: 4 m.  
 Sensor =NTC, 10 kilo-ohm at 25 degrees C.  
 Adjusting range: +10 to +50° C.  
 Connecting cable: 1mm<sup>2</sup> to 2.5 mm<sup>2</sup>  
 Separate terminal to activate nighttime mode and reduction of room temperature by 4K.  
 Class of temperature controller 1  
 Contribution to space heating energy efficiency 1,0%.  
 Rated voltage: 230 V~  
 Rated current: 16 A, cos φ 1  
 Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1

**1095 UF**                      2CKA001032A0497    1/10

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



**Room thermostat, flush-mounted<sup>1) 2) 3)</sup>**  
**1gang 2way**  
 With fixing claws.  
 Class of temperature controller 1  
 Contribution to space heating energy efficiency 1,0%.  
 Rated voltage: 230 V~  
 Rated current: 5 A  
 Temperature range (Device): 5 °C to 30 °C  
 Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1

**1097 U-500**                      2CKA001032A0513    1/10

**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.


## Busch-dynasty®


### Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted <sup>1) 2)</sup><br/>Change-over contact, setpoint indication, timer, remote sensor</b><br>With change-over contact.<br>Easy adjustment using menu and text-based display.<br>4 switching times per day can be user-defined for each day of the week.<br>With fixing claws.<br>Automatic summer/wintertime switch-over<br>Remote sensor cable length: 4 m.<br>Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br>Power reserve > 10 hours<br>To fit cover plate 6435-xxx.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Temperature range (Device): 10 °C to 50 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9 |                 |          |
|   | <b>1098 UF-101</b>  | 2CKA001032A0509 | 1/10     |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

|   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for room thermostat</b><br>For room thermostats 1094 U/UF, 1097 U/UF. |                 |          |
| anthracite  | <b>1794-81</b>   | 2CKA001710A3629 | 10       |
| ivory white   | <b>1794-82</b>   | 2CKA001710A3543 | 10       |


|   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for room thermostat</b><br>With sliding switch for nightly room temperature reduction.<br>to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF. |                 |          |
| anthracite  | <b>1795-81</b>   | 2CKA001710A3630 | 10       |
| ivory white   | <b>1795-82</b>   | 2CKA001710A3568 | 10       |

### LED light

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Info light unit <sup>1) 2)</sup></b><br>Size of information field 43 x 43 mm.<br>Long service life of the lighting element (LEDs).<br>Homogeneous backlighting of the information field.<br>Colour temperature 6,500 K (cold white)<br>Power consumption: < 0.5 W<br>Rated voltage: 230 V~<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2062 U</b>   | 2CKA001511A0115 | 1/10     |


<sup>1)</sup> Use relay inserts when switching through movement sensors or comfort switches.


<sup>2)</sup> For switching the LED flush mounted insert use switches without orientation light only.

|   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1) 2)</sup></b><br>As cover for flush-mounted info light.<br>For insert 2062 U.<br>Size of information field 43 x 43 mm. |                 |          |
| anthracite  | <b>1716-81</b>   | 2CKA001731A1921 | 1        |
| ivory white   | <b>1716-82</b>   | 2CKA001731A1922 | 1        |

<sup>1)</sup> Included with the cover are 46 different text labels and symbols.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for indication lamp</b><br>For insert 2061/2661 U.<br>As cover for flush-mounted light signal.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1756-81</b>  | 2CKA001753A0089 | 10       |
| ivory white   | <b>1756-82</b>  | 2CKA001753A0090 | 10       |

|   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cap for indication lamp</b><br>For indication lamps.<br>Protection class (Device): IP 20 |                 |          |
| clear-transparent   | <b>1565-11</b>  | 2CKA001565A0167 | 10       |
| Red   | <b>1565-12</b>  | 2CKA001565A0175 | 10       |
| green   | <b>1565-13</b>  | 2CKA001565A0183 | 10       |

## Busch-dynasty®




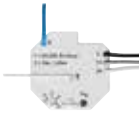

### WaveLINE control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Wall-mounted transmitter WaveLINE <sup>1)</sup> <sup>2)</sup><br/>2-channel</b><br>2gang wall-mounted transmitter independent of mains power supply.<br>With labelling field and labelling strip.<br>For switching and dimming.<br>For controlling blinds and light scenes.<br>2 radio channels can be operated or up to 4 light scenes can be called up.<br>For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.<br>For LED display WaveLINE 6730-xxx.<br>Compatible with WaveLINE KNX gateway TP-RF 6770.<br>Send frequency: 868 MHz.<br>Free-field range: approx. 100 m.<br>Power supply: lithium button cell battery Type CR2032.<br>Battery service life: typically 5 years, therefore practically maintenance-free.<br>Automatic monitoring of battery life.<br>Including fixing plate for mounting on smooth walls or on switch boxes.<br>Control element: rocker switch left/right<br>Display elements: LED to indicate the transmission<br>Rated voltage: 3 V-<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm |                 |          |
| ivory white   | <b>6732-82-500</b>  | 2CKA006730A0033 | 1/10     |

<sup>1)</sup> Battery included in delivery.

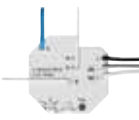

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


### WaveLINE inserts / control elements

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>RF remote control</b><br>• Network-independent radio control.<br>• For switching and dimming.<br>• For controlling blinds and light scenes.<br>• With 3 groups (A, B or C) with 5 pairs of channels.<br>• There are 15 radio channels operated singly or up to 30 light scenes can be called.   |                 |          |
|   | <b>6780</b>  | 2CKA006780A0002 | 1        |
|    | <b>1-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• Functions via radio control: ON/OFF, timer and light scene control.<br>• Functions via the extension unit: ON/OFF, timer and sending a radio control telegram.<br>• Operation via conventional push button (2020 US/2021/6 UK) possible.  |                 |          |
|   | <b>6701-101-500</b>  | 2CKA006700A0040 | 1        |
|   | <b>1-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• For functions ON/OFF, timer and lightscene control.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.<br>• For remote control WaveLINE 6780.<br>• Switch-off delay: Adjustable between 10 s to 5 min.   |                 |          |
|   | <b>6702-500</b>  | 2CKA006700A0023 | 1        |
|  | <b>2-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• For operation mode 2gang switch, 2 separate outputs.<br>• For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).<br>• For functions: ON/OFF and light scene control.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx |                 |          |
|   | <b>6703-500</b>  | 2CKA006700A0024 | 1        |
|  | <b>Dimm Aktor WaveLINE</b><br>• For wireless switching and dimming of electrical loads.<br>• For functions ON/OFF, dimming and lightscene control.<br>• With soft ON/OFF function.<br>• With selectable light value storage.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.   |                 |          |
|   | <b>6704-500</b>  | 2CKA006700A0025 | 1        |

## Busch-dynasty®


### ZigBee Light Link inserts / control elements


| Product   | Article-No.         | Order-No.       | Pack/Qty |
|---|---------------------|-----------------|----------|
|  <p><b>Serien/Jalousieaktor WaveL</b></p> <ul style="list-style-type: none"> <li>For wireless switching of electrical loads.</li> <li>For driving and adjusting blinds/shutters and awnings over radio.</li> <li>Functions via radio control: 2gang switch, blind switch and light scene control.</li> <li>Functions via extension unit: 2gang switch, blind switch and send radio control telegram.</li> <li>Operation via conventional push button (2020 US/2021/6 UK) possible.</li> </ul>  | <b>6705-101-500</b> | 2CKA006700A0042 | 1        |
|  <p><b>2-fach Binärein. WaveLINE</b></p> <ul style="list-style-type: none"> <li>Radio control telegrams are sent when the two extension units are activated with mains voltage (AC 230 V~).</li> <li>Operation via conventional push button (2020 US/2021/6 UK) possible.</li> <li>The 2gang binary input has 5 function modes:           <ol style="list-style-type: none"> <li>2-channel switching</li> <li>2-channel dimming</li> <li>1 channel blind</li> <li>Two-channel light scene control</li> <li>Channel 1: Switching ON<br/>Channel 2: Continuous switching ON/OFF</li> </ol> </li> </ul> | <b>6725-500</b>     | 2CKA006720A0008 | 1        |


| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Wall-mounted transmitter WaveLINE 1) 2) 4-channel</b></p> <p>4gang wall-mounted transmitter independent of mains power supply.<br/>With labelling field and labelling strip.<br/>For switching and dimming.<br/>For controlling blinds and light scenes.<br/>4 radio channels can be operated or up to 8 light scenes can be called up.<br/>For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.<br/>Send frequency: 868 MHz.<br/>Free-field range: approx. 100 m.<br/>Power supply: lithium button cell battery Type CR2032.<br/>Battery service life: typically 5 years, therefore practically maintenance-free.<br/>Automatic monitoring of battery life.<br/>Including fixing plate for mounting on smooth walls or on switch boxes.<br/>Control element: rocker switch left/right<br/>Display elements: LED to indicate the transmission<br/>Rated voltage: 3 V-<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6733-82-500</b> | 2CKA006730A0034 | 1/10     |


<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>ZLL-Power supply insert</b></p> <ul style="list-style-type: none"> <li>With electronic short-circuit protection.</li> <li>With electronic overload protection.</li> <li>For ZigBee Light Link control element 6735-xxx, 6736-xxx and 6737-xxx.</li> <li>Without control cover.</li> <li>Rated voltage: 230 V~, +10 % / -10 %</li> <li>Secondary: 5 V-, +5 % / -5 %</li> </ul> | <b>6710 U-500</b> | 2CKA006710A0005 | 1 |
|---|-------------------|-----------------|---|


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>ZLL-Relay insert</b></p> <ul style="list-style-type: none"> <li>3 wire connection (neutral conductor required).</li> <li>For switching retrofit LED lamps (LEDi).</li> <li>For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.</li> <li>Without control cover.</li> </ul> | <b>6711 U-500</b> | 2CKA006710A0006 | 1 |
|--|-------------------|-----------------|---|


|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>ZLL-Dimmer insert</b></p> <ul style="list-style-type: none"> <li>Touch dimmer.</li> <li>For wireless switching and dimming of electrical loads.</li> <li>3 wire connection (neutral conductor required).</li> <li>Optimised for dimming of retrofit LED lamps (LEDi).</li> <li>For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.</li> </ul> | <b>6715 U-500</b> | 2CKA006710A0007 | 1 |
|---|-------------------|-----------------|---|


|  |                    |                 |   |
|--|--------------------|-----------------|---|
|  <p><b>ZLL-Plug-in unit Switch</b></p> <ul style="list-style-type: none"> <li>Plug device for switching electric loads up to 1,380 W/VA.</li> <li>Control of thermal positioners for heating control possible.</li> <li>Not for electrical heating devices.</li> <li>Connected load can be activated/deactivated via micro switch.</li> <li>Send/receive frequency: 2.4 GHz.</li> </ul> | <b>6717-84-500</b> | 2CKA006710A0008 | 1 |
|--|--------------------|-----------------|---|


## Busch-dynasty®

### WaveLINE control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ZigBee Light Link wall-mounted transmitter 1-channel</b>   |                 |          |
|   | <p>1gang wall-mounted transmitter independent of mains power supply.<br/>           For the wireless remote control of other ZigBee Light Link radio components.<br/>           For saving and calling up 2 light scenes.<br/>           For dimming a light scene.<br/>           For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br/>           With labelling field.<br/>           Without enclosed labelling sheet.<br/>           Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>.<br/>           Send/receive frequency: 2.4 GHz.<br/>           Free-field range: approx. 100 m.<br/>           Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br/>           Battery service life: typically 3 years.<br/>           Automatic monitoring of battery life.<br/>           Including fixing plate for mounting on smooth walls or on switch boxes.<br/>           Rated voltage: 3 V-<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> |                 |          |
| anthracite  | <b>6735/01-81</b>   | 2CKA006730A0079 | 1        |
| ivory white   | <b>6735/01-82</b>   | 2CKA006730A0080 | 1        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>ZigBee Light Link wall-mounted transmitter 2-channel</b>  |                 |   |
|   | <p>2gang wall-mounted transmitter independent of mains power supply.<br/>           For the wireless remote control of other ZigBee Light Link radio components.<br/>           For saving and calling up 4 light scenes.<br/>           For dimming 2 light scenes.<br/>           For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br/>           With labelling field.<br/>           Without enclosed labelling sheet.<br/>           Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>.<br/>           Send/receive frequency: 2.4 GHz.<br/>           Free-field range: approx. 100 m.<br/>           Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br/>           Battery service life: typically 3 years.<br/>           Automatic monitoring of battery life.<br/>           Including fixing plate for mounting on smooth walls or on switch boxes.<br/>           Rated voltage: 3 V-<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> |                 |   |
| anthracite  | <b>6736/01-81</b>  | 2CKA006730A0083 | 1 |
| ivory white   | <b>6736/01-82</b>  | 2CKA006730A0084 | 1 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link wall-mounted transmitter 4-channel</b>  |                 |          |
|   | <p>4gang wall-mounted transmitter independent of mains power supply.<br/>           For the wireless remote control of other ZigBee Light Link radio components.<br/>           For saving and calling up 8 light scenes.<br/>           For dimming 4 light scenes.<br/>           For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br/>           With labelling field.<br/>           Without enclosed labelling sheet.<br/>           Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>.<br/>           Send/receive frequency: 2.4 GHz.<br/>           Free-field range: approx. 100 m.<br/>           Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br/>           Battery service life: typically 3 years.<br/>           Automatic monitoring of battery life.<br/>           Including fixing plate for mounting on smooth walls or on switch boxes.<br/>           Rated voltage: 3 V-<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> |                 |          |
| anthracite  | <b>6737/01-81</b>  | 2CKA006730A0087 | 1        |
| ivory white   | <b>6737/01-82</b>  | 2CKA006730A0088 | 1        |


|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Wall-mounted transmitter WaveLINE<sup>1)</sup> 1-channel</b>   |                 |      |
|   | <p>1gang wall-mounted transmitter independent of mains power supply.<br/>           With labelling field and labelling strip.<br/>           For switching and dimming.<br/>           For controlling blinds and light scenes.<br/>           1 radio channel can be operated or up to 2 light scenes can be called up.<br/>           For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.<br/>           For LED display WaveLINE 6730-xxx.<br/>           Compatible with WaveLINE KNX gateway TP-RF 6770.<br/>           Send frequency: 868 MHz.<br/>           Free-field range: approx. 100 m.<br/>           Power supply: lithium button cell battery Type CR2032.<br/>           Battery service life: typically 5 years, therefore practically maintenance-free.<br/>           Automatic monitoring of battery life.<br/>           Including fixing plate for mounting on smooth walls or on switch boxes.<br/>           Control element: rocker switch left/right<br/>           Display elements: LED to indicate the transmission<br/>           Rated voltage: 3 V-<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> |                 |      |
| ivory white   | <b>6731-82-500</b>  | 2CKA006730A0032 | 1/10 |


<sup>1)</sup> Battery included in delivery.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

## Busch-dynasty®

### WaveLINE control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ZigBee Light Link control element 1gang</b><br>For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U. In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes. In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 2 light scenes or dimming a light scene. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. Push-button function: Switching/dimming/light scenes. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> . Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |          |
| anthracite  | <b>6735-81</b>  | 2CKA006730A0067 | 1        |
| ivory white   | <b>6735-82</b>  | 2CKA006730A0068 | 1        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>ZigBee Light Link control element 2gang</b><br>For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U. In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes. In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 4 light scenes or dimming 2 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> . Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |   |
| anthracite  | <b>6736-81</b>   | 2CKA006730A0071 | 1 |
| ivory white   | <b>6736-82</b>   | 2CKA006730A0072 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>ZigBee Light Link control element 4gang</b><br>For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U. In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes. In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 8 light scenes or dimming 4 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> . Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |   |
| anthracite  | <b>6737-81</b>   | 2CKA006730A0075 | 1 |
| ivory white   | <b>6737-82</b>   | 2CKA006730A0076 | 1 |

### KNX control elements

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Control element, 1/2gang <sup>1) 2)</sup> multi-function/colour concept</b><br>For ABB i-bus® KNX 6120/12-101, 6120/13. With labelling field. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Push switch function: switching / dimming / blind / sending values / scenes etc. Transparent labelling sheet with standard symbols included in delivery. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: rocker switch left/right. Display elements: Two LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm |                 |          |
| anthracite  | <b>6125/02-81-500</b>  | 2CKA006115A0216 | 1        |
| ivory white   | <b>6125/02-82-500</b>  | 2CKA006115A0217 | 1        |

<sup>1)</sup> For software and description please check the current Online-Catalogue.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Control element, 2/4gang <sup>1) 2)</sup> multi-function/colour concept</b><br>For ABB i-bus® KNX 6120/12-101, 6120/13. With labelling field. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Push switch function: switching / dimming / blind / sending values / scenes etc. Transparent labelling sheet with standard symbols included in delivery. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: rocker switch left/right. Display elements: Two LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm |                 |   |
| anthracite  | <b>6126/02-81-500</b>  | 2CKA006116A0206 | 1 |
| ivory white   | <b>6126/02-82-500</b>  | 2CKA006116A0207 | 1 |


<sup>1)</sup> For software and description please check the current Online-Catalogue.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).




## Busch-dynasty®

### KNX control elements

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Control element, 4/8gang <sup>1)</sup> <sup>2)</sup> multi-function/colour concept</b><br>For ABB i-bus® KNX 6120/12-101, 6120/13.<br>With labelling field.<br>Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green.<br>Push switch function: switching / dimming / blind / sending values / scenes etc.<br>Transparent labelling sheet with standard symbols included in delivery.<br>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br>Control element: rocker switch left/right<br>Display elements: Two LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm |                 |          |
| anthracite  | <b>6127/02-81-500</b>  | 2CKA006117A0232 | 1        |
| ivory white   | <b>6127/02-82-500</b>  | 2CKA006117A0233 | 1        |

<sup>1)</sup> For software and description please check the current Online-Catalogue.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |   |  |  |
|---|---|--|--|
|  | <b>Busch-Watchdog 180 flush-mounted standard sensor <sup>1)</sup></b><br>For ABB i-bus® KNX 6120/12-101, 6120/13.<br>Movement detector with up to 4 channels.<br>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br>Detection range: frontal: 6 m, lateral: 6 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 150 Lux<br>Mounting height: 1.1 m<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 18 mm<br>Position for installation: vertical |  |  |
|---|---|--|--|

#### with select-lens <sup>2)</sup> <sup>3)</sup>


|             |                       |                 |   |
|-------------|-----------------------|-----------------|---|
| anthracite  | <b>6122/01-81-500</b> | 2CKA006132A0272 | 1 |
| ivory white | <b>6122/01-82-500</b> | 2CKA006132A0273 | 1 |

#### with integrated bus coupler

|             |                       |                 |   |
|-------------|-----------------------|-----------------|---|
| anthracite  | <b>6122/10-81-500</b> | 2CKA006132A0376 | 1 |
| ivory white | <b>6122/10-82-500</b> | 2CKA006132A0377 | 1 |


<sup>1)</sup> For software and description please check the current Online-Catalogue.

<sup>2)</sup> For compatible cover frames, see the following ranges: carat®, pure stainless steel, solo®, Busch-axcent® or future® linear. <sup>3)</sup>Phase-out type


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for room temperature controller or room temperature controller with CO2/moisture</b><br>As cover for room temperature controller with/without CO2/moisture sensor (6109/18 and 6109/28).<br>Protection class (Device): none |                 |          |
| anthracite  | <b>6109/03-81-500</b>  | 2CKA006155A0060 | 10       |
| ivory white   | <b>6109/03-82-500</b>  | 2CKA006155A0061 | 10       |


## Busch-dynasty®


### Accessories

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Extension of claws <sup>1)</sup></b><br>For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes.<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2148</b>   | 2CKA002148A0120 | 100      |


<sup>1)</sup> Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Braille symbol</b><br>self-adhesive (transparent) for cover 2506-xxx<br>Protection class (Device): IP 20 |                 |          |
|   | <b>light</b>  |                 |          |
|   | <b>2144 LI</b>  | 2CKA001714A0295 | 10/1000  |
|   | <b>bell</b>   |                 |          |
|   | <b>2144 KI</b>  | 2CKA001714A0296 | 10/1000  |
|   | <b>key</b>  |                 |          |
|   | <b>2144 TR</b>  | 2CKA001714A0297 | 10/1000  |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Braille symbol socket outlet</b><br>self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2144 ST</b>  | 2CKA001714A0298 | 10/1000  |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>DIN A 4 labelling sheet <sup>1)</sup></b><br><b>plastic foil</b><br>Suitable for all to be labeled Busch-Jaeger devices.<br>For laser printer.<br>The text of the foil is printed via the Busch-Jaeger labeling service.<br>Dimensions: (L x W x D): 297 mm |                 |          |
| translucent   | <b>1799/02</b>   | 2CKA001799A0959 | 1        |
| transparent   | <b>1799/03</b>   | 2CKA001799A0960 | 1        |

<sup>1)</sup> 1 piece = 1 sheet.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>RC suppressor</b><br>For protection against the damage or destruction of electronic devices due to overvoltages.<br>For wiring network-interconnected inductivities (e.g., relay, protection, fluorescent lamps, transformers, etc.).<br>Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.<br>Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz |                 |          |
|   | <b>6899</b>   | 2CKA006899A0231 | 10       |


### Cover frames

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|  | <b>Cover frame 1gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 106 mm x 106 mm x 12 mm |           |          |

|  |                     |                 |    |
|--|---------------------|-----------------|----|
| anthracite                                     | <b>1721-831-500</b> | 2CKA001754A4605 | 10 |
| ivory white                                    | <b>1721-832-500</b> | 2CKA001754A4600 | 10 |
| polished brass decor anthracite <sup>1)</sup>  | <b>1721-833-500</b> | 2CKA001754A4575 | 1  |
| polished brass decor anthracite <sup>1)</sup>  | <b>1721-835-500</b> | 2CKA001754A4565 | 1  |
| polished brass decor ivory white <sup>1)</sup> | <b>1721-836-500</b> | 2CKA001754A4570 | 1  |
| polished brass decor ivory white <sup>1)</sup> | <b>1721-838-500</b> | 2CKA001754A4560 | 1  |
| antique brass decor anthracite <sup>2)</sup>   | <b>1721-843-500</b> | 2CKA001754A4595 | 1  |
| antique brass decor anthracite <sup>2)</sup>   | <b>1721-845-500</b> | 2CKA001754A4585 | 1  |
| antique brass decor ivory white <sup>2)</sup>  | <b>1721-846-500</b> | 2CKA001754A4590 | 1  |
| antique brass decor ivory white <sup>2)</sup>  | <b>1721-848-500</b> | 2CKA001754A4580 | 1  |

<sup>1)</sup> Real metal surface.

<sup>2)</sup> Real metal surface refined by hand.

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|  | <b>Cover frame 2gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 177 mm x 106 mm x 12 mm |           |          |


|  |                     |                 |    |
|--|---------------------|-----------------|----|
| anthracite                                     | <b>1722-831-500</b> | 2CKA001754A4606 | 10 |
| ivory white                                    | <b>1722-832-500</b> | 2CKA001754A4601 | 10 |
| polished brass decor anthracite <sup>1)</sup>  | <b>1722-833-500</b> | 2CKA001754A4576 | 1  |
| polished brass decor anthracite <sup>1)</sup>  | <b>1722-835-500</b> | 2CKA001754A4566 | 1  |
| polished brass decor ivory white <sup>1)</sup> | <b>1722-836-500</b> | 2CKA001754A4571 | 1  |
| polished brass decor ivory white <sup>1)</sup> | <b>1722-838-500</b> | 2CKA001754A4561 | 1  |
| antique brass decor anthracite <sup>2)</sup>   | <b>1722-843-500</b> | 2CKA001754A4596 | 1  |
| antique brass decor anthracite <sup>2)</sup>   | <b>1722-845-500</b> | 2CKA001754A4586 | 1  |
| antique brass decor ivory white <sup>2)</sup>  | <b>1722-846-500</b> | 2CKA001754A4591 | 1  |
| antique brass decor ivory white <sup>2)</sup>  | <b>1722-848-500</b> | 2CKA001754A4581 | 1  |

<sup>1)</sup> Real metal surface.

<sup>2)</sup> Real metal surface refined by hand.


# Busch-dynasty®

## Cover frames

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame<br/>3gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 248 mm x 106 mm x 12 mm |                 |          |
| anthracite  | <b>1723-831-500</b>  | 2CKA001754A4607 | 5        |
| ivory white   | <b>1723-832-500</b>  | 2CKA001754A4602 | 5        |
| polished brass<br>decor anthra-<br>cite <sup>1)</sup>                             | <b>1723-833-500</b>  | 2CKA001754A4577 | 1        |
| polished brass<br>anthracite <sup>1)</sup>  | <b>1723-835-500</b>  | 2CKA001754A4567 | 1        |
| polished brass<br>decor ivory<br>white <sup>1)</sup>                              | <b>1723-836-500</b>  | 2CKA001754A4572 | 1        |
| polished brass<br>ivory white <sup>1)</sup>                                       | <b>1723-838-500</b>  | 2CKA001754A4562 | 1        |
| antique brass<br>decor anthra-<br>cite <sup>2)</sup>                              | <b>1723-843-500</b>  | 2CKA001754A4597 | 1        |
| antique brass<br>anthracite <sup>2)</sup>   | <b>1723-845-500</b>  | 2CKA001754A4587 | 1        |
| antique brass<br>decor ivory<br>white <sup>2)</sup>                               | <b>1723-846-500</b>  | 2CKA001754A4592 | 1        |
| antique brass<br>ivory white <sup>2)</sup>  | <b>1723-848-500</b>  | 2CKA001754A4582 | 1        |


<sup>1)</sup> Real metal surface.

<sup>2)</sup> Real metal surface refined by hand.

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover frame<br/>4gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 319 mm x 106 mm x 12 mm |                 |   |
| anthracite  | <b>1724-831-500</b>  | 2CKA001754A4608 | 1 |
| ivory white   | <b>1724-832-500</b>  | 2CKA001754A4603 | 1 |
| polished brass<br>decor anthra-<br>cite <sup>1)</sup>                               | <b>1724-833-500</b>  | 2CKA001754A4578 | 1 |
| polished brass<br>anthracite <sup>1)</sup>  | <b>1724-835-500</b>  | 2CKA001754A4568 | 1 |
| polished brass<br>decor ivory<br>white <sup>1)</sup>                                | <b>1724-836-500</b>  | 2CKA001754A4573 | 1 |
| polished brass<br>ivory white <sup>1)</sup>   | <b>1724-838-500</b>  | 2CKA001754A4563 | 1 |
| antique brass<br>decor anthra-<br>cite <sup>2)</sup>                                | <b>1724-843-500</b>  | 2CKA001754A4598 | 1 |
| antique brass<br>anthracite <sup>2)</sup>   | <b>1724-845-500</b>  | 2CKA001754A4588 | 1 |
| antique brass<br>decor ivory<br>white <sup>2)</sup>                                 | <b>1724-846-500</b>  | 2CKA001754A4593 | 1 |
| antique brass<br>ivory white <sup>2)</sup>  | <b>1724-848-500</b>  | 2CKA001754A4583 | 1 |

<sup>1)</sup> Real metal surface.

<sup>2)</sup> Real metal surface refined by hand.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame<br/>5gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 390 mm x 106 mm x 12 mm |                 |          |
| anthracite  | <b>1725-831-500</b>  | 2CKA001754A4609 | 1        |
| ivory white   | <b>1725-832-500</b>  | 2CKA001754A4604 | 1        |
| polished brass<br>decor anthra-<br>cite <sup>1)</sup>                             | <b>1725-833-500</b>  | 2CKA001754A4579 | 1        |
| polished brass<br>anthracite <sup>1)</sup>  | <b>1725-835-500</b>  | 2CKA001754A4569 | 1        |
| polished brass<br>decor ivory<br>white <sup>1)</sup>                              | <b>1725-836-500</b>  | 2CKA001754A4574 | 1        |
| polished brass<br>ivory white <sup>1)</sup>                                       | <b>1725-838-500</b>  | 2CKA001754A4564 | 1        |
| antique brass<br>decor anthra-<br>cite <sup>2)</sup>                              | <b>1725-843-500</b>  | 2CKA001754A4599 | 1        |
| antique brass<br>anthracite <sup>2)</sup>   | <b>1725-845-500</b>  | 2CKA001754A4589 | 1        |
| antique brass<br>decor ivory<br>white <sup>2)</sup>                               | <b>1725-846-500</b>  | 2CKA001754A4594 | 1        |
| antique brass<br>ivory white <sup>2)</sup>  | <b>1725-848-500</b>  | 2CKA001754A4584 | 1        |

<sup>1)</sup> Real metal surface.

<sup>2)</sup> Real metal surface refined by hand.

# pure stainless steel

## Lasts a lifetime.

Fascinatingly bold straight lines in a time proof material. It is pure stainless steel. Fingerprints? It is impossible, thanks to the unique finishing. An accord of aesthetics, functions and durability. Absolute quality. Pure stainless steel is simply permanent.



- 01 Switch/push-switch
  - 02 2gang-1way/2way switch
  - 03 Busch-Blind control switch
  - 04 Busch-Comfort switch
  - 05 20A double pole switch  
with marking and indicator
- Colour: stainless steel

### Materials

The series is surface-coated in a special manufacturing process. This means that fingerprints or other greasy spots are reduced to a minimum (anti-fingerprint).

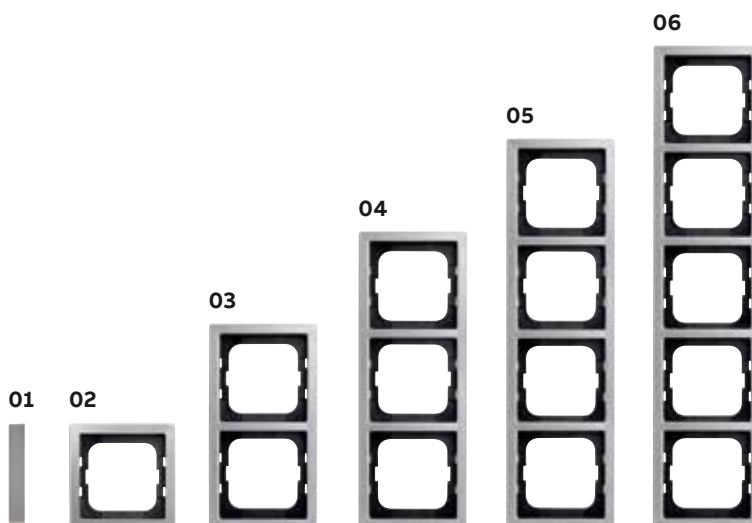


## pure stainless steel

Selected functions.



- |    |  |    |   |
|----|--|----|---|
| 01 | Rocker switch 1gang  | 12 | Busch-Blind control switch with semi-cylindrical lock   |
| 02 | Rocker switch 2gang  | 13 | Busch-Blind comfort switch  |
| 03 | Busch Universal Rotary Dimmer                                      | 14 | Comfort timer   |
| 04 | Touch dimmer   | 15 | Room thermostat with display  |
| 05 | Busch-Comfort switch   | 16 | Busch-Radio iNet  |
| 06 | Busch-steplight®   | 17 | Loudspeaker insert  |
| 07 | Busch-Protector® SCHUKO® socket outlet with overvoltage protection | 18 | Antenna socket for radio/TV/satellite   |
| 08 | SCHUKO® USB socket outlet, 2x USB A                                | 19 | Universal data connection box   |
| 09 | Socket outlet with earthing pin                                    | 20 | Stereo loudspeaker connecting box   |
| 10 | Switched socket outlet BS standard                                 | 21 | KNX sensor, for more KNX products see part 12 of the catalogue - Intelligent Building Solutions |
| 11 | Blind switch with rotary knob                                      |    |   |



1 to 5gang cover frame for horizontal and vertical installation.


- |    |                          |
|----|--------------------------|
| 01 | Side view, 11 mm x 80 mm |
| 02 | 80 mm x 80 mm            |
| 03 | 80 mm x 151 mm           |
| 04 | 80 mm x 222 mm           |
| 05 | 80 mm x 293 mm           |
| 06 | 80 mm x 364 mm           |



For more information about light switch ranges visit ABB global web sites.


## pure stainless steel

### Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>1gang 2way</b>   |                 |          |
|   | <b>2000/6 US-500</b>  | 2CKA001012A2198 | 10/100   |
|   | <b>2gang 1way</b>   |                 |          |
|   | <b>2000/5 US-500</b>  | 2CKA001012A1150 | 10/100   |
|   | <b>DP, 1gang 2way <sup>2)</sup></b>   |                 |          |
|   | <b>2000/6/2 US</b>  | 2CKA001012A0954 | 10       |
|   | <b>1gang</b>  |                 |          |
|   | <b>2000/7 US-500</b>  | 2CKA001012A2199 | 10/100   |
|   | <b>DP, 1gang 1way</b>   |                 |          |
| <b>2000/2 US-500</b>  | 2CKA001012A2196   | 10/100          |          |
| <b>SP, 1gang 1way switch</b>  |   |                 |          |
| <b>2000/1 US-500</b>  | 2CKA001012A2059   | 10/100          |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> With screw-type terminals. Non-illuminable.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>Switch-off and two-way circuit 16 A</b>  |                 |        |
|   | <b>2400/6 US-500</b>  | 2CKA001012A2232 | 10/100 |
|   | <b>2gang switch 16 A</b>  |                 |        |
|   | <b>2400/5 US-500</b>  | 2CKA001012A2234 | 10     |
|   | <b>1gang intermediate 16 A</b>  |                 |        |
| <b>2400/7 US-500</b>  | 2CKA001012A2236   | 10              |        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>2gang 2way</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/6/6US-101-500</b>   | 2CKA001011A0928 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>Changeover/changeover circuit 16 A</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2400/6/6US-101-500</b>   | 2CKA001022A0663 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>DP, 1gang 1way</b><br>For switching high loads.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/2 US-101-500</b>  | 2CKA001012A2193 | 10/100 |

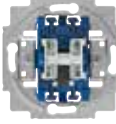
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Also for switching SCHUKO® socket outlets.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>3-pole, 1gang 1way switch</b><br>Rated voltage: 400 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2000/3 US</b>  | 2CKA001011A0816 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)




<sup>2)</sup> With screw-type terminals. Non-illuminable.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker Switch Mechanism, control <sup>1)</sup></b><br><b>2gang switch with N-clamp 16 A</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2400/5 USK-500</b>  | 2CKA001012A2238 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## pure stainless steel

### Rocker switches / push switches

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <p><b>Rocker Switch Mechanism <sup>1)</sup></b><br/>With neon lamp.<br/>Rated voltage: 250 V~<br/>Rated current: 10 AX<br/>Suitable for: LEDi / CFLi<br/>Rated power: 100 W<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p>   | <b>1gang 2way <sup>2)</sup></b>  |                 |          |
|  | <b>2000/6 USGL-500</b>   | 2CKA001012A2194 | 10/100   |
|  | <b>2gang 1way</b>  |                 |          |
|  | <b>2000/5 USGL</b>   | 2CKA001012A1135 | 10       |
|  <p><b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/>With neon lamp.<br/>Rated voltage: 250 V~<br/>Rated current: 10 AX<br/>Suitable for: LEDi / CFLi<br/>Rated power: 100 W<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p>   | <b>1gang 2way with N-terminal</b>  |                 |          |
|  | <b>2000/6 USK-500</b>  | 2CKA001022A0659 | 10/100   |
|  | <b>DP, 1gang 1way</b>  |                 |          |
|  | <b>2000/2 UK</b>   | 2CKA001022A0656 | 10       |
|  <p><b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>Switch-off and two-way circuit with N-clamp 16 A</b><br/>With neon lamp.<br/>Rated voltage: 250 V~<br/>Rated current: 16 AX<br/>Suitable for: LEDi / CFLi<br/>Rated power: 200 W<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p> | <b>2400/6 USK-500</b>  |                 |          |
|  |  | 2CKA001022A0661 | 10       |
|  | <b>Push-switch mechanism <sup>1)</sup><br/>SP, with normally open contact (operating current)</b><br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|  | <b>2020 US-500</b>   | 2CKA001413A0574 | 10/100   |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)




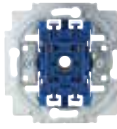

<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)








<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.







<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.                         | Order-No. | Pack/Qty |
|--|-------------------------------------|-----------|----------|
|  <p><b>Push-switch mechanism <sup>1)</sup><br/>SP, with normally open contact (operating current)</b><br/>With 2 independent signalling contacts.<br/>Rated voltage: 250 V~<br/>Inputs: 1<br/>Outputs: 1<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p>                           | <b>2020 US-201</b>                  |           |          |
|  | 2CKA001413A0483                     | 10        |          |
| <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p>   |                                     |           |          |
|  <p><b>Push-switch mechanism <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>SP, with normally open contact (operating current)</b><br/>With illumination.<br/>With N terminal.<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p>                            | <b>2020 USGL-500</b>                |           |          |
|  | 2CKA001413A1106                     | 10/100    |          |
| <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p>   |                                     |           |          |
| <p><sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.</p>   |                                     |           |          |
| <p><sup>3)</sup> For relay and touch dimmer applications.</p>  |                                     |           |          |
|  <p><b>Push-switch mechanism <sup>1)</sup></b><br/>With one input terminal and 2 actuating covers.<br/>Rated voltage: 250 V~<br/>Inputs: 1<br/>Outputs: 2x Normally open contact<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p>   | <b>2020 US-205-500</b>              |           |          |
|  | 2CKA001413A1105                     | 10/100    |          |
| <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p>   |                                     |           |          |
|  <p><b>Push-switch mechanism <sup>1)</sup><br/>SP, 1gang 2way</b><br/>Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).<br/>With N terminal.<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p> | <b>2020 US-206-500</b>              |           |          |
|  | 2CKA001413A1104                     | 10/100    |          |
| <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p>   |                                     |           |          |
|  <p><b>Rocker</b><br/>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br/>Material stainless steel.<br/>Anti fingerprint.<br/>Protection class (Device): IP 20</p>  | <b>stainless steel 1786-866-500</b> |           |          |
|  | 2CKA001751A3077                     | 10/100    |          |

## pure stainless steel

### Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Rocker</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1785-866-500</b>  | 2CKA001751A3087 | 10/100   |
|    | <b>Rocker</b><br>As a cover for flush-mounted control 2gang switch.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>1785 K-866</b>  | 2CKA001751A3132 | 10       |
|   | <b>Rocker with small transparent lens</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1789 N-866</b>  | 2CKA001751A3152 | 10/100   |
|  | <b>Rocker with small red spherical cap</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>1789-866</b>  | 2CKA001751A2957 | 10/100   |
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Plug< icon.<br>As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O"<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>1789 ST-866</b>   | 2CKA001751A3162 | 10/100   |
|  | <b>Switch rocker with marking light</b><br>With >Light< icon.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Material stainless steel.<br>Anti fingerprint. Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>2520 LI-866</b>   | 2CKA001751A3191 | 10/100   |
|  | <b>Switch rocker with marking key</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Material stainless steel. Anti fingerprint.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>2520 TR-866</b>   | 2CKA001751A3200 | 10/100   |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Switch rocker with marking bell</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>2520 KI-866</b>  | 2CKA001751A3181 | 10/100   |
|    | <b>Switch rocker with marking with small transparent lens</b><br>With >Light< icon.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20    |                 |          |
| stainless steel   | <b>1789 LI-866</b>  | 2CKA001751A2958 | 10       |
|   | <b>Switch rocker with marking with small transparent lens</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>1789 KI-866</b>  | 2CKA001751A2959 | 10       |
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1789 TR-866</b>  | 2CKA001751A2960 | 10       |
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With imprint >0< and >1<.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20                          |                 |          |
| stainless steel   | <b>1788-866</b>   | 2CKA001751A2961 | 10       |
|  | <b>Rocker <sup>1)</sup> <sup>2)</sup> with labelling field</b><br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Surface painted.<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>1764 NLI-866</b>   | 2CKA001731A1953 | 10       |







<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).




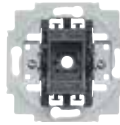


<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.



## pure stainless steel


### Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Rocker <sup>1)</sup> <sup>2)</sup> with labelling field</b><br>With >Bell< icon.<br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Surface painted.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1764 NLI/KI-866</b>  | 2CKA001731A4003 | 10/100   |
| <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> .<br><sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts. |   |                 |          |
|    | <b>Switch rocker with marking with small red spherical cap</b><br>With >Heating< imprint.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>1789 H-866</b>   | 2CKA001751A2963 | 10       |
|    | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker el. push-switch.   |                 |          |
| stainless steel   | <b>2570-10-866</b>  | 2CKA001751A3265 | 10       |
|    | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 2g el. push-switch.  |                 |          |
| stainless steel   | <b>2570-20-866</b>  | 2CKA001751A3276 | 10       |
|    | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 3g el. push-switch.  |                 |          |
| stainless steel   | <b>2570-30-866</b>  | 2CKA001751A3287 | 10       |
|    | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>El. push-switch insert.  |                 |          |
| black   | <b>2051 U</b>   | 2CKA001413A1115 | 10       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Flush Mounted Inserts Black</b><br>El. push-switch insert 2g.   |                 |          |
| black   | <b>2052 U</b>  | 2CKA001413A1116 | 10       |
|    | <b>Flush Mounted Inserts Black</b><br>El. push-switch ins. 3g.   |                 |          |
| black   | <b>2053 U</b>  | 2CKA001413A1117 | 10       |
|   | <b>Cover plate</b><br>For card switch. For insert 2025 U.<br>Suitable for cards sized 54 x 86 mm.<br>The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20      |                 |          |
| stainless steel   | <b>1792-866</b>  | 2CKA001710A3757 | 10       |
|    | <b>Card switch 10 A <sup>1)</sup> SP, with normally open contact (operating current)</b><br>Illuminable.<br>With N terminal.<br>Rated voltage: 250 V~, Rated current: 10 A<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W, Protection class (Device): IP 20<br>20IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2025 U</b>  | 2CKA001012A1713 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.   |                 |          |
| <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) |  |                 |          |
|    | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate, card switch RFID.   |                 |          |
| stainless steel   | <b>1792 RFID-866</b>   | 2CKA001710A4134 | 10       |
|    | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>Card switch insert RFID.  |                 |          |
| stainless steel   | <b>2025 RFID U</b>   | 2CKA001012A2242 | 10       |

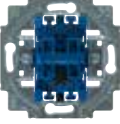
## pure stainless steel

### Rocker switches / push switches

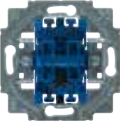
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>DO NOT DISTURB<br>Material stainless steel.<br>Anti fingerprint. Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>1786/11-866</b>  | 2CKA001751A3002 | 10       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br>DO NOT DISTURB<br>MAKE UP ROOM<br>Material stainless steel.<br>Anti fingerprint. Protection class (Device): IP 20 |                 |    |
| stainless steel   | <b>1785/11-866</b>  | 2CKA001751A2996 | 10 |


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Switch rocker with marking</b><br>As cover for flush-mounted rocker control switch insert, DND/MUR.<br>DO NOT DISTURB<br>MAKE UP ROOM<br>Protection class (Device): IP 20 |                 |    |
| stainless steel  | <b>1785/11 K-866</b>   | 2CKA001751A3216 | 10 |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker switch insert DND/MUR 1)</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2028 UK</b>   | 2CKA001012A2240 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker switch insert DND/MUR 1)</b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2028/12 UK</b>   | 2CKA001012A2241 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Flush Mounted Inserts</b><br>El. push-switch DND/MUR |                 |        |
|   | <b>2058 UK</b>  | 2CKA001413A1114 | 10/100 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Bell push-switch DND/MUR 230 V 1) 2)</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
| stainless steel   | <b>2029 UC-866</b>  | 2CKA001751A3171 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Bell push-switch DND/MUR 24 V 1) 2)</b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |   |
| stainless steel   | <b>2029/12 UC-866</b>   | 2CKA001751A3238 | 1 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Surface painted.


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker DND/MUR el. p.-swit |                 |   |
| stainless steel   | <b>2058-24-866</b>   | 2CKA001751A3227 | 1 |

## pure stainless steel


### Rocker switches / push switches


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Pull switch <sup>1)</sup><br/>SP, with normally open contact (operating current)</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |          |
|   | <b>2020/01 US</b>  | 2CKA001413A1077 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Pull switch <sup>1)</sup><br/>SP, break contact</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
|   | <b>2020/10 US</b>   | 2CKA001413A1076 | 10 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker<br/>open for red pull switch neon indicator</b><br>For pull switch 2020/xx US.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20 |                 |    |
| stainless steel   | <b>1720-866</b>  | 2CKA001731A1954 | 10 |

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup><br/>SP, with zero position</b><br>With zero position.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2710 U</b>   | 2CKA001101A0918 | 1/10 |


<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.


<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.


|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup><br/>SP, without zero position</b><br>Without zero position.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2710/1 U</b>   | 2CKA001101A0919 | 1/10 |

<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.

<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate<br/>with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch.<br>With zero position.<br>For insert 2710 U.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20 |                 |    |
| stainless steel   | <b>2542 DR/01-866</b>   | 2CKA001710A3758 | 10 |




| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate<br/>with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch.<br>Without zero position.<br>For insert 2710/1 U.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>2542 DR/02-866</b>  | 2CKA001710A3759 | 10       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup><br/>for pull switch 2610/6 UC-xx, 2610/6 UJ-xx</b><br>With screw-type terminal<br>Surface painted.<br>Protection class (Device): IP 20 |                 |    |
| stainless steel   | <b>1796-866</b>   | 2CKA001753A0312 | 10 |


<sup>1)</sup> Exchanging the available cover/cover plate.

## pure stainless steel

### Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Friends of Hue smart switch insert<br/>Wall-mounted transmitter, 2 / 4 channel.</b><br>For smart switch rockers 6735 BT-8xx and 6736 FoH-8xx. Smarter light switches for wireless remote control of Philips Hue lamps. For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear.<br>Can be mounted freely in the room with the enclosed adhesive tape and fixing plate.<br>Including fixing plate for mounting on smooth walls or on switch boxes. |                 |          |
|   | <b>6716 U-500</b>   | 2CKA006710A0014 | 1        |
| BT smart switch set white   | <b>6716/01 UJ-84-500</b>  | 2CKA006730A0156 | 1        |
| BT smart switch set black   | <b>6716/01 UJ-885-500</b>   | 2CKA006730A0157 | 1        |
| BT smart switch insert (SF)   | <b>6716 UBT</b>   | 2CKA006710A0015 | 1        |
|  | <b>1gang rocker for Friends of Hue and Bluetooth (Casambi).</b><br>Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear.   |                 |          |
| stainless steel   | <b>6735 BT-866</b>  | 2CKA006730A0148 | 1        |
|  | <b>Rocker <sup>1)</sup></b><br>For Friends of Hue smart switch insert 6716 U-500. Combinable with the Busch-Jaeger switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.   |                 |          |
| stainless steel   | <b>6736 FoH-866</b>   | 2CKA006730A0139 | 1        |

<sup>1)</sup> Surface painted.



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-rotary dimmer <sup>1) 2) 3) 4) 5) 6) 7) 8) 9)</sup><br/>Flush-mounted, LED, 2-100 W</b><br>With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br>Mix operator of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.<br>Low-noise level by MOSFET transistors.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>With adjustable minimum brightness.<br>Without cover plate.<br>Rated voltage: 230 V~, + 10% / - 10%<br>Rated frequency: 50 Hz/60 Hz<br>Nominal power: 2 - 100 W/VA (retrofit LED loads).<br>Nominal power: 10 - 250 W/VA (non-LED loads).<br>Protection class (Device): IP 20<br>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>6523 U-102-500</b>   | 2CKA006512A0335 | 1/10     |




- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

## pure stainless steel

### Dimmers

| Product   | Article-No.            | Order-No.              | Pack/Qty    |
|---|------------------------|------------------------|-------------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> <sup>7)</sup> <sup>8)</sup> <sup>9)</sup></b><br/> <b>UP, LED, 2-400 W</b><br/>           Very small installation depth: &lt; 20 mm<br/>           Without claws.<br/>           With rotary control, two-way switch and soft-catch.<br/>           2-wire connection (neutral conductor not required)<br/>           Optimised for dimming of retrofit LED lamps (LEDi).<br/>           For dimmable Retrofit-LEDs (LEDi).<br/>           For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br/>           For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br/>           Mix operation of LEDi with conventional loads possible.<br/>           With manually adjustable operating mode: trailing / leading edge control.<br/>           With adjustable minimum/maximum brightness.<br/>           Low-noise level by MOSFET transistors.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, + 10% / - 10%<br/>           Rated frequency: 50 Hz/60 Hz<br/>           Nominal power: 2 - 100 W/VA (leading edge control)<br/>           Nominal power: 2 - 400 W/VA (trailing edge control)<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6523 UR-103-500</b> | <b>2CKA006512A0345</b> | <b>1/10</b> |


- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.           | Order-No.              | Pack/Qty    |
|---|-----------------------|------------------------|-------------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br/> <b>UP, RL, 200-700 W</b><br/>           With rotary control, 2way On-Off switching and soft-catch.<br/>           Leading Edge control.<br/>           For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.<br/>           Short-circuit-proof, overload-protected.<br/>           With adjustable minimum brightness.<br/>           Without cover plate.<br/>           Without claws.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Rated power: 200 - 700 W/VA<br/>           IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6520 U-500</b>     | <b>2CKA006520A0227</b> | <b>1/10</b> |
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/> <b>flush mounted, 1-10V</b><br/>           With rotary control.<br/>           For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.<br/>           For LED control via control gears<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 700 W/VA<br/>           IEC 60669-2-1, British Standard EN 60669-2-1</p>   | <b>2112 U-101-500</b> | <b>2CKA006599A2873</b> | <b>1/10</b> |


- <sup>1)</sup> Non-illuminable.  
<sup>2)</sup> Use cover plates 2115 J-.../2115-.../6540-....  
<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>4)</sup> Making-current limiters have to be provided in case of too high making currents.

## pure stainless steel

### Dimmers

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           Fool proof.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Max. current consumption: 15 mA.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2116 U</b> | 2CKA006599A3025 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, with internal power supply, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in active mode.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel connection: 111<br/>           Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2116/11 U</b> | 2CKA006599A3026 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## pure stainless steel


### Dimmers

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup><br/>flush mounted, DALI</b><br/>For DALI broadcast service (via central telegram).<br/>For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>With rotary control and ON/OFF push operation.<br/>Fool proved.<br/>Brightness power-on level and background brightness level adjustable, buffered.<br/>With integrated LED illumination for orientation.<br/>Color of orientation light adjustable (18 presets and OFF).<br/>Up to 5 potentiometers are connectable in parallel.<br/>Max. current consumption: 15 mA.<br/>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.<br/>Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>Without cover plate.<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>2117 U-500</b> | 2CKA006599A2987 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                      |                 |   |
|--|----------------------|-----------------|---|
|  <p><b>Busch-rotary dimmer <sup>1)</sup><br/>flush mounted, DALI, with internal power supply</b><br/>For DALI broadcast service (via central telegram).<br/>With integrated DALI power adaptor.<br/>For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>With rotary control and ON/OFF push operation.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Brightness power-on level and background brightness level adjustable, buffered.<br/>With integrated LED illumination for orientation.<br/>Color of orientation light adjustable (18 presets and OFF).<br/>Up to 5 potentiometers are connectable in parallel.<br/>Up to 3 potentiometers are connectable in parallel in active mode.<br/>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>DALI-voltage: 15,5 V=<br/>Rated current: max. 75 mA<br/>Power consumption: &lt; 2,5 W<br/>Number of DALI-units:<br/>37 in case of one active power-potentiometer<br/>in case of three active power-potentiometer in parallel connection: 111<br/>Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>Passive mode: the potentiometer is suitable as additional operation point.<br/>Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>Without cover plate.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>2117/11 U-500</b> | 2CKA006599A2988 | 1 |
|--|----------------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.         | Order-No.       | Pack/Qty |
|---|---------------------|-----------------|----------|
|  <p><b>Cover plate <sup>1)</sup><br/>with rotary knob, with indication lamp</b><br/>Elevated knob.<br/>With transparent luminous ring.<br/>For Busch-Dimmer®.<br/>For inserts<br/>2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/<br/>6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.<br/>Material stainless steel.<br/>Anti fingerprint.</p> | <b>6540-866-102</b> | 2CKA006599A2959 | 10/100   |


<sup>1)</sup> Replacement neon lamp, Art. No. 3855.

|   |                     |                 |      |
|---|---------------------|-----------------|------|
|  <p><b>Control element <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>with neon lamp</b><br/>Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U.<br/>Surface painted.</p> | <b>6543-866-101</b> | 2CKA006599A2926 | 1/10 |
|---|---------------------|-----------------|------|

<sup>1)</sup> Compatible with previous type 6543-xxx.

<sup>2)</sup> Touch-type Controller 6550 U-xxx non-illuminable.


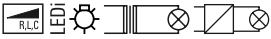

<sup>3)</sup> Replacement neon lamp 3857.

|  |                 |                 |    |
|--|-----------------|-----------------|----|
|  <p><b>Cover plate <sup>1)</sup><br/>for cooling element</b><br/>For Busch-Universal master dimmer power module 6594 U.<br/>For KNX room temperature controller object 6109/08.</p> | <b>6541-866</b> | 2CKA006599A2924 | 10 |
|--|-----------------|-----------------|----|

<sup>1)</sup> Surface painted.

## pure stainless steel

### Dimmers

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1) 2) 3) 4) 5) 6)</sup> FM, LED, 3-240 VA</b><br/>2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |
|  <p><b>Control element, 1 gang flex</b><br/>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p>  | <b>64711-500</b>   | 2CKA006400A0099 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.







<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Recommendation: Please use loads and types of one producer.

<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.                 | Order-No.       | Pack/Qty |
|---|-----------------------------|-----------------|----------|
|  <p><b>Control element, 1 gang, flex wireless</b><br/>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p>  | <b>62711-WL-500</b>         | 2CKA006200A0281 | 1        |
|  <p><b>Flex control element, 2 gang flex</b><br/>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p>  | <b>64721-500</b>            | 2CKA006400A0101 | 1        |
|  <p><b>Control element, 2 gang, flex wireless</b><br/>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>62721-WL-500</b>         | 2CKA006200A0283 | 1        |
|  <p><b>Rocker 1gang, with "Dimmer" icon</b><br/>As cover for ABB-free@home® sensor units and sensor/actuator units</p>   | stainless steel SRD-1-866   | 2CKA006220A0537 | 1        |
|  <p><b>Rocker 2gang left, with "Dimmer" icon</b><br/>As cover for ABB-free@home® sensor units and sensor/actuator units</p>  | stainless steel SRD-2-L-866 | 2CKA006220A0542 | 1        |
|  <p><b>Rocker 2gang right, with "Scene" icon</b><br/>As cover for ABB-free@home® sensor units and sensor/actuator units</p>  | stainless steel SRS-2-R-866 | 2CKA006220A0545 | 1        |




## pure stainless steel

### Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Proximity switch</b><br>3 wire connection (neutral conductor required).<br>Relay insert with proximity sensor.<br>For contactless ON/OFF switching of electric loads, e.g. lights.<br>For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.<br>Switches when detecting an approach at < approx. 5 cm.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.<br>Rated current: 10 AX<br>Rated power: 2300 W/VA<br>Temperature range (Device): -25 °C to 55 °C<br>British Standard EN 60669-2-1   |                 |          |
|   | <b>6406 U</b>   | 2CKA006400A0034 | 1        |
|  | <b>Cover plate <sup>1)</sup></b><br><b>Proximity switch</b><br>For proximity switch 6406 U.   |                 |          |
| stainless steel   | <b>6476-866</b>   | 2CKA006470A0009 | 10       |
| <sup>1)</sup> Surface painted.  |   |                 |          |
|  | <b>Relay insert flex, 1gang <sup>1)</sup></b><br>3 wire connection (neutral conductor required).<br>For switching lighting systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Comfort switch flex control element 64765-... . For Busch-Watchdog 180 flex sensors 6476x-.... For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x Normally open contact, potential-bound. Suitable for: 230 V- LEDi, typical.<br>Rated power: 300 VA. Suitable for: 230 V incandescent lamps/230 V halogen lamps.<br>Rated power: 2300 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 2300 VA<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |
|   | <b>64811 U-500</b>  | 2CKA006800A3042 | 1/10     |



<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Relay insert flex, 2gang <sup>1)</sup></b><br>3 wire connection (neutral conductor required).<br>For switching lighting systems.<br>For switching two independent load circuits.<br>For controlling light and ventilation systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Comfort switch flex control element 64765-... .<br>For Busch-Watchdog 180 flex sensors 6476x-... .<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 2<br>Outputs: 2x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical.<br>Rated power: 300 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br>Rated power: 1840 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 1150 VA<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |
|   | <b>64821 U-500</b>  | 2CKA006800A3045 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



## pure stainless steel

### Movement detectors

| Product   | Article-No.  | Order-No.       | Pack/Qty |  |
|---|--|-----------------|----------|--|
|    | <b>e-contact insert flex, 1gang <sup>1)</sup> <sup>2)</sup></b><br>2-wire connection (neutral conductor not required)<br>Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA).<br>For switching lighting systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Watchdog 180 flex sensors 6476x-...<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 1<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical.<br>Rated power: 3 - 240 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br>Rated power: 10 - 240 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 3 - 240 VA<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |  |
|  | <b>64814 U-500</b>   | 2CKA006800A3048 | 1        |  |

<sup>1)</sup> Use only dimmable high-voltage LEDs.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.   | Order-No.       | Pack/Qty |  |
|--|---|-----------------|----------|--|
|     | <b>LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br><b>FM, LED, 3-240 VA</b><br>2-wire connection (neutral conductor not required)<br>Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA).<br>Touch dimmer for switching lighting systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Optimised for dimming of retrofit LED lamps (LEDi).<br>For dimmable Retrofit-LEDs (LEDi).<br>For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br>Mix operation of LEDi with conventional loads possible.<br>With manually adjustable operating mode: trailing / leading edge control.<br>With adjustable minimum brightness.<br>With light-level memory and minimum brightness memory.<br>Low-noise level by MOSFET transistors.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Without control cover.<br>For control element flex, 1gang, 64711.<br>For control element flex, 2gang, 64721.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Rated power: 3-240 VA (LEDi)<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 1<br>Outputs: 1x dimming channel<br>Suitable for: 230 V LEDi, typical (leading edge control)<br>Rated power: 3 - 100 VA<br>Suitable for: 230 V LEDi, typical (trailing edge control)<br>Rated power: 3 - 240 W<br>Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.<br>Rated power: 10 - 240 VA<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |  |
|  | <b>64851 U-500</b>  | 2CKA006500A0013 | 1        |  |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.

<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>4)</sup> Recommendation: Please use loads and types of one producer.

<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.


<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.


## pure stainless steel

### Movement detectors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm Mounting depth: 25 mm</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |                      |                 |   |
|---|----------------------|-----------------|---|
|  <p><b>Comfort switch flex sensor</b><br/>Movement detector push-button switch combination. For switching lighting systems that depend on brightness and movement. Push switch function possible at all times. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. Compatible with all free@home flexTronics inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C.</p> | <b>64765-866-500</b> | 2CKA006800A2898 | - |
|---|----------------------|-----------------|---|

| Product  | Article-No.          | Order-No.       | Pack/Qty |
|--|----------------------|-----------------|----------|
|  <p><b>Busch-Watchdog 180 flex, basic sensor <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with select-lens</b><br/>Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m Detection angle: 180 ° Brightness limit value: 5 Lux - 500 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> | <b>64761-866-500</b> | 2CKA006800A2936 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

|  |                      |                 |   |
|--|----------------------|-----------------|---|
|  <p><b>Busch-Watchdog 180 flex, comfort sensor <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with select-lens</b><br/>Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With continuous light/continuous Off function. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m Detection angle: 180 ° Brightness limit value: 5 Lux - 500 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> | <b>64762-866-500</b> | 2CKA006800A2973 | 1 |
|--|----------------------|-----------------|---|


<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

## pure stainless steel

### Movement detectors




| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with multi-lens</b>   |                 |          |
|   | Movement detector sensor with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>For detection down to the floor.<br>For detection in stairwells.<br>With 4 detection levels.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Multi-lens: suitable also for mounting heights of 2.20 m.<br>Extension of the detection range by means of master/slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 54 sectors with 224 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 31 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br>Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 45 mm |                 |          |
| stainless steel   | <b>64764-866-500</b>   | 2CKA006800A3010 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.


<sup>3)</sup> Surface painted.

### Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Key Switch Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> breaking circuit, 1-pole</b>   |                 |          |
|   | For profile semi-cylindrical lock.<br>In switched-on and switched-off status the key can be pulled out in the central position, respectively.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2733 USL-101</b>   | 2CKA001101A0914 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>  | not applicable  |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.  |                 |          |
|   | <sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)   |                 |          |
|   | <sup>2)</sup> Use the cylindrical lock according to the enclosed drawing.   |                 |          |
|   | <sup>3)</sup> See profile semi-cylindrical lock.  |                 |          |
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup> SP, switch</b>   |                 |          |
|   | With interlock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1   |                 |          |
|   | <b>2000/4 US-500</b>  | 2CKA001012A2197 | 10/100   |
|   | <b>2020/4 US-500</b>  | 2CKA001413A1103 | 10/100   |
|   | <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)   |                 |          |
|   | <sup>2)</sup> These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.  |                 |          |
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup> DP <sup>3)</sup></b>   |                 |          |
|   | With rotary knob/switch and push switch.<br>Rated voltage: 250 V~, Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1, British Standard EN 60669-1  |                 |          |
|   | <b>2712 U</b>   | 2CKA001101A0534 | 10       |
|   | <b>SP, N, E</b>   |                 |          |
|   | <b>2713 U</b>   | 2CKA001101A0542 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.   |                 |          |
| <b>neon indicator:</b>  | not applicable  |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.  |                 |          |
|   | <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)   |                 |          |
|   | <sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.  |                 |          |
|   | <sup>3)</sup> Also suitable for controlling direct voltage drives.  |                 |          |

## pure stainless steel


### Blind control / timers

| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br/>With rotary knob/push button.<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC60669-1, British Standard EN 60669-1</p> <p><b>DP <sup>3)</sup></b></p> | <b>2722 U</b>   | 2CKA001101A0559 | 10       |
|   | <b>SP, N, E</b> |                 |          |
|   | <b>2723 U</b>   | 2CKA001101A0567 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Also suitable for controlling direct voltage drives.

|   |                     |                 |    |
|---|---------------------|-----------------|----|
|  <p><b>Blind switch/push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>For profile semi-cylindrical lock/switch and push-switch.<br/>Delivered without cylindrical lock.<br/>Rated voltage: 250 V~<br/>Rated current: 10 AX<br/>Suitable for: LEDi / CFLi<br/>Rated power: 100 W<br/>Protection class (Device): IP 20<br/>IEC60669-1, British Standard EN 60669-1</p> <p><b>DP <sup>5)</sup></b></p> | <b>2712 USL-101</b> | 2CKA001101A0872 | 10 |
|   | <b>SP, N, E</b>     |                 |    |
|   | <b>2713 USL-101</b> | 2CKA001101A0880 | 10 |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>4)</sup> See semi-cylindrical lock.

<sup>5)</sup> Also suitable for controlling direct voltage drives.

|  |                     |                 |    |
|--|---------------------|-----------------|----|
|  <p><b>Blind switch insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>For profile semi-cylindrical lock/push-button.<br/>Delivered without cylindrical lock.<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>British Standard EN 60669-1, IEC60669-1</p> <p><b>DP <sup>5)</sup></b></p> | <b>2722 USL-101</b> | 2CKA001101A0898 | 10 |
|  | <b>SP, N, E</b>     |                 |    |
|  | <b>2723 USL-101</b> | 2CKA001101A0906 | 10 |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)


<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>4)</sup> See semi-cylindrical lock.





<sup>5)</sup> Also suitable for controlling direct voltage drives.






| Product  | Article-No.                        | Order-No.       | Pack/Qty |
|--|------------------------------------|-----------------|----------|
|  <p><b>DIN profile-semi cylindrical lock</b><br/>Acc. to German Standard DIN 18252.<br/>Total length 40 mm<br/>for blind switches and push switches<br/>For inserts 2712/2713/2722/2723/2733 USL-101 and 2712/2733 SLW-5x.<br/>Protection class (Device): IP 20</p> <p><b>different lock mechanism, with 3 keys</b></p> | <b>0520 PZ-VS</b>                  | 2CKA000470A0013 | 1/100    |
|  | <b>lock mechanism, with 3 keys</b> |                 |          |
|  | <b>0521 PZ-GS</b>                  | 2CKA000470A0021 | 1/100    |

|   |                   |                 |      |
|---|-------------------|-----------------|------|
|  <p><b>Blind compact timer</b><br/>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br/>Without extension unit input.<br/>Running time: 3 min<br/>N-busbar connection is required.<br/>For manual and time-controlled switching of blinds and roller blinds.<br/>Memory function for the simple storage of switching times.<br/>The controlled devices can be manually operated at any time.<br/>Simple setting via display with with segment display and background illumination.<br/>Factory pre-set switching times, individual adaptations are possible.<br/>2 switching times per day can be freely adjusted for each day of the week.<br/>Automatic switchover from summer time to winter time (switch-off function).<br/>Switching times and programs are safely stored in the event of a mains power failure.<br/>Power reserve for time and date &gt; 10 years.<br/>Simple toggling between manual/automatic/vacation modes.<br/>See the associated cover plates 6435-xx.<br/>Programming possible only with control element attached and energized.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 45 °C</p> | <b>6422 U-500</b> | 2CKA006410A0410 | 1/10 |
|---|-------------------|-----------------|------|

## pure stainless steel


### Blind control / timers

| Product  | Article-No. | Order-No. | Pack/Qty |
|--|-------------|-----------|----------|
|  <p><b>Basic blind insert <sup>1)</sup> <sup>2)</sup></b><br/> <b>2-wire blind insert</b><br/>           Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off. Suitable for operation without neutral conductor. Without an extension input. For control cover 6430-xx-xxx. For standard timer control element 6456-101. Running time: 3 min<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Outputs: 2x Normally open contact<br/>           Rated current: 3 A, cos φ 0.5<br/>           Rated power: 690 VA<br/>           Temperature range (Device): 0 °C to 35 °C</p> <p><b>6418 U-500</b>      2CKA006410A0376      1/10</p> <p><b>Mounting boxes:</b> 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.</p> <p><b>2gang product combinations:</b> 2gang combination with adapter plate APBS in Dual Box only.</p> <p><sup>1)</sup> N-conductor connection required for operation with control cover 6430-7x, illuminated.<br/> <sup>2)</sup> N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.</p> |             |           |          |
|  <p><b>Busch-Blind control II switch insert <sup>1)</sup></b><br/>           Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off. With two 230 V multi-way input terminals (Up/Down) for group control. With operating mode switch for the following modes: normal, louvre, base station, position. With party function (disables the local control unit) in combination with Busch-Blind control II control cover 6430-xx-xxx, 6066-xx-xxx. Wind alarm, cleaning functions can be accommodated via extension input. For control cover 6430-xx-xxx. For IR control element 6066-xx-xxx. For comfort timer control element 6455-101-500.<br/>           Running time: 3 min<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Outputs: 2x Normally open contact<br/>           Rated current: 3 A, cos φ 0.5<br/>           Rated power: 690 VA</p> <p>Control/Signal outputs: 2<br/>           Temperature range (Device): 0 °C to 35 °C</p> <p><b>6411 U-500-101</b>      2CKA006410A0378      1/10</p> <p><sup>1)</sup> Compatible with types 6411 U/x.</p>   |             |           |          |
|  <p><b>Brightness sensor</b><br/>           For insert 6411U/S-101.<br/>           With 2 m connecting cable.<br/>           Measuring range: 15-50,000 lux.</p> <p><b>6414-101</b>      2CKA006410A0389      1/10</p>  |             |           |          |
|  <p><b>Sun sensor</b><br/>           For insert 6411U/S-101.<br/>           Measuring range: 5-50,000 lux.</p> <p><b>6482</b>      2CKA006410A0203      1</p>   |             |           |          |


| Product  | Article-No. | Order-No. | Pack/Qty |
|--|-------------|-----------|----------|
|  <p><b>Busch-Short-time timer insert <sup>1)</sup></b><br/> <b>countdown timer</b><br/>           For time-programmed switching of electrical consumers. With control cover, without cover plate. Minimum timer time: 1 second. Maximum timer time: 9:59:59 hours.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Outputs: 1x Normally open contact<br/>           Rated current: 10 A, cos φ 1<br/>           Rated power: 2300 VA<br/>           Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p> <p><b>6465 U-101-500</b>      2CKA006410A0393      1/10</p> <p><b>Mounting boxes:</b> 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.</p> <p><b>Cover frames:</b> 1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.</p> <p><b>2gang product combinations:</b> 2gang combination with adapter plate APBS in Dual Box only.</p> <p><b>neon indicator:</b> not applicable</p> <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p> |             |           |          |
|  <p><b>Rocker with marking</b><br/>           As cover for flush-mounted blind control switch/push switch.<br/>           For inserts 2000/4 and 2020/4 US.<br/>           Material stainless steel.<br/>           Anti fingerprint.<br/>           Protection class (Device): IP 20</p> <p>stainless steel      <b>1785 JA-866</b>      2CKA001751A2964      10</p>   |             |           |          |
|  <p><b>Cover plate with rotary control, with marking</b><br/>           As cover for flush-mounted blind control switch/push switch. For inserts 2712 U, 2713 U and 2722 U, 2723 U.<br/>           Material stainless steel.<br/>           Anti fingerprint.<br/>           Protection class (Device): IP 20</p> <p>stainless steel      <b>1740-866</b>      2CKA001710A3748      10</p>  |             |           |          |
|  <p><b>Cover plate <sup>1)</sup> with labelling field</b><br/>           With marking.<br/>           For half-cylindrical type switches and blind control switch/push-switch. For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.<br/>           Surface painted.<br/>           Protection class (Device): IP 20</p> <p>stainless steel      <b>1755 SL/PZ-866-101</b>      2CKA001710A3749      10</p> <p><sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a>.</p>  |             |           |          |
|  <p><b>Control element</b><br/>           For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br/>           For basic blind insert 6418 U.<br/>           For Busch-Universal 2gang 1way insert 6402 U.<br/>           Surface painted.</p> <p>stainless steel      <b>6430-866-102</b>      2CKA006430A0343      1/10</p>   |             |           |          |

## pure stainless steel


### Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Standard timer control element <sup>1)</sup></b><br>For manual and time-controlled switching of blinds and roller blinds.<br>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.<br>Simple setting via high-resolution display with background illumination.<br>With preset switching times/date/time.<br>Factory-set switching times can be individually adjusted.<br>Automatic switchover from summer time to winter time (switch-off function).<br>Switching times/programme are safely stored in the event of a mains power failure.<br>Power reserve for time and date > 10 years.<br>Simple toggling between manual/automatic/vacation modes.<br>Programming possible only with control element attached and energized.<br>2 switching times per day can be user-defined for each day of the week.<br>Astro switching times and switching times can be combined.<br>For basic blind insert 6418 U.<br>Temperature range (Device): 0 °C to 35 °C |                 |          |
|   | <b>6456-101</b>  | 2CKA006410A0398 | 1/10     |

<sup>1)</sup> See respective cover plates 6435-xx.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Comfort timer control element <sup>1)</sup></b><br>For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.<br>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.<br>Simple setting via high-resolution display with background illumination.<br>With preset switching times/date/time.<br>Factory-set switching times can be individually adjusted.<br>Automatic switchover from summer time to winter time (switch-off function).<br>Switching times/programme are safely stored in the event of a mains power failure.<br>Power reserve for time and date > 10 years.<br>Simple toggling between manual/automatic/vacation modes.<br>Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function.<br>Freely adjustable temperature and brightness-dependent sun protection function.<br>Freely adjustable twilight function.<br>User-adjustable running times for blinds and air conditioning.<br>Programming possible only with control element attached and energized.<br>6 switching times per day can be user-defined for each day of the week.<br>Astro switching times and switching times can be combined.<br>When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.<br>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br>For Busch-Universal relay switch insert 6401 U-102.<br>For Busch-Universal master dimmer insert 6593 U.<br>For LED dimmer insert 6524 U and 6526 U..<br>For Busch-Memory touch-type controller 6550 U-101.<br>Temperature range (Device): 0 °C to 35 °C |                 |          |
|   | <b>6455-101-500</b>   | 2CKA006410A0399 | 1/10     |

<sup>1)</sup> See respective cover plates 6435-xx.


|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Time switch mechanism 16 A <sup>1) 2)</sup></b><br><b>DP, break contact for staircases, exterior lighting, fans, etc.</b><br>Running time: 15 min<br>For time-programmed switching of electrical consumers.<br>Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird.<br>Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated current: 16 A, cos φ 0.25<br>Protection class (Device): IP 20 |                 |      |
|   | <b>1070 U</b>   | 2CKA001043A0025 | 1/10 |

<sup>1)</sup> For screw-fixing only

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


## pure stainless steel


### Blind control / timers


| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>Time switch mechanism 16 A <sup>1)</sup> <sup>2)</sup></b><br/> <b>DP, break contact for staircases, exterior lighting, fans, etc.</b><br/>           Running time: 120 min<br/>           For time-programmed switching of electrical consumers.<br/>           Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird.<br/>           Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated current: 16 A, cos φ 0.25<br/>           Protection class (Device): IP 20</p> | <b>1071 U</b> | 2CKA001043A0124 | 1        |

<sup>1)</sup> For screw-fixing only


<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |                     |                 |    |
|---|---------------------|-----------------|----|
|  <p><b>Cover plate with rotary knob, with marking</b><br/>           For Busch-Timer insert 1070 U.<br/>           Running time: 15 min<br/>           Surface painted.<br/>           Protection class (Device): IP 20</p> | <b>1770-866-103</b> | 2CKA001753A0259 | 10 |
|---|---------------------|-----------------|----|


|   |                     |                 |    |
|---|---------------------|-----------------|----|
|  <p><b>Cover plate with rotary knob, with marking</b><br/>           For Busch-Timer insert 1071 U.<br/>           Running time: 120 min<br/>           Surface painted.<br/>           Protection class (Device): IP 20</p> | <b>1771-866-103</b> | 2CKA001753A0302 | 10 |
|---|---------------------|-----------------|----|


|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Cover plate <sup>1)</sup></b><br/>           For comfort timer control element 6455-101-500.<br/>           For standard timer control element 6456-101.<br/>           For room thermostats 1098 U-101 and 1098 UF-101.<br/>           For short-time timer 6465 U-101.<br/>           For Busch-CO2 sensor 1091 U-500.<br/>           For blind compact timer 6422 U.<br/>           Surface painted.</p> | <b>6435-866</b> | 2CKA006430A0344 | 10 |
|---|-----------------|-----------------|----|


<sup>1)</sup> Surface painted.

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Blind insert, 1 gang, 2 way flex</b><br/>           3 wire connection (neutral conductor required). For the control of roller shutters, blind and awning motors with mechanical or electronic limit switch shut-off. Group formation via extension input possible. Operation also via conventional push buttons (2020 US non-illuminated/2021/6 UK) possible. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL.</p> | <b>64831 U-500</b> | 2CKA006400A0096 | 1        |

|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>Extension insert flex</b><br/>           3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts.</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1 |
|---|--------------------|-----------------|---|

|  |                  |                 |   |
|--|------------------|-----------------|---|
|  <p><b>Control element, 1 gang flex</b><br/>           Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>64711-500</b> | 2CKA006400A0099 | 1 |
|--|------------------|-----------------|---|







|   |                     |                 |   |
|---|---------------------|-----------------|---|
|  <p><b>Control element, 1 gang, flex wireless</b><br/>           Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>62711-WL-500</b> | 2CKA006200A0281 | 1 |
|---|---------------------|-----------------|---|




|   |                  |                 |   |
|---|------------------|-----------------|---|
|  <p><b>Control element, 2 gang flex</b><br/>           Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>64721-500</b> | 2CKA006400A0101 | 1 |
|---|------------------|-----------------|---|



## pure stainless steel


### Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>  | 2CKA006200A0283 | 1        |
|   | <b>Weather Station</b><br>For recording and transmitting of brightness, temperature, wind speed and rain. Weather data can be linked with actuators to automatically control functions. Weather data can be visualized in the free@home web interface and the free@home app. Remote operation via the Bluetooth and smartphone/tablet app.   |                 |          |
|   | <b>WS-1-WL.1</b>   | 2CKA006200A0297 | 1        |
|  | <b>Standard Inputs</b><br>WS-1/A1.1 Mast adapter weather station   |                 |          |
|   | <b>WS-1/A1.1</b>   | 2CKA006200A0848 | 1        |
|  | <b>Rocker</b><br><b>1gang, with "Blind" icon</b><br>As cover for ABB-free@home sensor units and sensor/actuator units  |                 |          |
| stainless steel   | <b>SRB-1-866</b>   | 2CKA006220A0535 | 1        |
|  | <b>Rocker</b><br><b>2gang left/right, "Blind" icon</b><br>As cover for ABB-free@home sensor units and sensor/actuator units  |                 |          |
| stainless steel   | <b>SRB-2-866</b>   | 2CKA006220A0540 | 1        |
|  | <b>Rocker</b><br><b>2gang left, with "Scene" icon</b><br>As cover for ABB-free@home sensor units and sensor/actuator units   |                 |          |
| stainless steel   | <b>SRS-2-L-866</b>   | 2CKA006220A0541 | 1        |

| Product   | Article-No.  | Order-No.   | Pack/Qty |
|---|--|---|----------|
|    | <b>SCHUKO® socket outlet</b><br>With screwless terminals.<br>DP (2 P + E)<br>Material stainless steel.<br>Anti fingerprint.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20  |   |          |
| stainless steel   | <b>20 EUC-866-500</b>  | 2CKA002011A6212   | 10/100   |
|    | <b>SCHUKO® socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Material stainless steel.<br>Anti fingerprint.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20                |   |          |
| stainless steel   | <b>20 EUCKS-866-500</b>  | 2CKA002013A5374   | 10/100   |
|   |  | <sup>1)</sup> Increased shock protection .  |          |
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Material stainless steel.<br>Anti fingerprint.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |   |          |
| stainless steel   | <b>23 EUCB-866</b>   | 2CKA002013A5478   | 10       |
|   |  | <sup>1)</sup> Increased shock protection .<br><sup>2)</sup> With screw-type terminal for rigid and flexible wires |          |

## pure stainless steel

### Socket outlets

| Product  | Article-No.                | Order-No.       | Pack/Qty |
|--|----------------------------|-----------------|----------|
|  <p><b>SCHUKO® USB socket outlet, 2gang 1) 2) 3) 4) 5)<br/>shuttered</b><br/>For connecting electric loads.<br/>DP (2 P + E)<br/>With screwless terminals.<br/>For supply and support of mobile devices via USB-cable.<br/>With two USB type A outputs.<br/>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br/>Support of loading protocol on the USB-A connection:<br/>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Secondary: 5 V-, +5 % / -5 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 2x USB charging interface<br/>Suitable for: SCHUKO® socket outlet<br/>Rated current: 16 A<br/>Suitable for: In case one output is used:<br/>Rated current: 2.4 A<br/>Output voltage: 5 V-<br/>Suitable for: In case two output are used:<br/>Rated current: 1.2 A<br/>Output voltage: 5 V-<br/>Rated power: 12 W<br/>Protection class (Device): IP 20, SELV<br/>Temperature range (Device): 5 °C to 35 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br/>Mounting depth: 39.5 mm</p> |                            |                 |          |
| stainless steel  | <b>20 EUCB2USB-866-500</b> | 2CKA002011A6284 | 1/10     |


<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.


<sup>3)</sup> No data transfer.

<sup>4)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.


<sup>5)</sup> Surface painted.

|   |                   |                 |    |
|---|-------------------|-----------------|----|
|  <p><b>SCHUKO® socket outlet 1)<br/>with labelling field</b><br/>DP (2 P + E)<br/>Size of labelling field: 60 x 9 mm.<br/>Material stainless steel.<br/>Anti fingerprint.<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 20</p> |                   |                 |    |
| stainless steel   | <b>20 EUN-866</b> | 2CKA002011A3851 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|  |                        |                 |    |
|--|------------------------|-----------------|----|
|  <p><b>SCHUKO® socket outlet 1)<br/>with marking "EDV"</b><br/>With screwless terminals.<br/>DP (2 P + E)<br/>Shuttered.<br/>Material stainless steel.<br/>Anti fingerprint.<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 20</p> |                        |                 |    |
| stainless steel  | <b>20 EUCKS/DV-866</b> | 2CKA002013A5277 | 10 |


<sup>1)</sup> Increased shock protection .


| Product   | Article-No.                | Order-No.       | Pack/Qty |
|---|----------------------------|-----------------|----------|
|  <p><b>Busch-Protector® SCHUKO® socket outlet 1)<br/>with overvoltage protection</b><br/>DP (2 P + E)<br/>With integrated and external signalling contact.<br/>ISN = 5 kA. Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems. Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet.<br/>Arrestor test class: classification Type 2<br/>Material stainless steel.<br/>Anti fingerprint.<br/>Rated voltage: 250 V~<br/>Secondary: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 20</p> |                            |                 |          |
| stainless steel   | <b>2310EUGL/VA-866-112</b> | 2CKA002011A3853 | 1        |

<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.


|  |                     |                 |    |
|--|---------------------|-----------------|----|
|  <p><b>SCHUKO® socket outlet 1)<br/>with LED control light</b><br/>Shuttered.<br/>DP (2 P + E)<br/>With transparent lens. LED colour green.<br/>Material stainless steel. Anti fingerprint.<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 20</p> |                     |                 |    |
| stainless steel  | <b>20 EUCBL-866</b> | 2CKA002013A5289 | 10 |

<sup>1)</sup> Resistant to aggressive media, e.g. ammonia, benzene, oils, greases, alcohol, cleansing agents, in normal concentrations.

|   |                   |                 |    |
|---|-------------------|-----------------|----|
|  <p><b>SCHUKO® socket outlet<br/>with hinged lid</b><br/>With screwless terminals.<br/>DP (2 P + E)<br/>Hinged lid notches when opened.<br/>Material stainless steel.<br/>Anti fingerprint.<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 20</p> |                   |                 |    |
| stainless steel   | <b>20 EUK-866</b> | 2CKA002018A1490 | 10 |







|   |                    |                 |    |
|---|--------------------|-----------------|----|
|  <p><b>Busch-Object socket outlet 1)<br/>shuttered</b><br/>With screwless terminals.<br/>DP (2 P + E)<br/>Incl. Cover plate with extract mechanism.<br/>Surface painted.<br/>Rated voltage: 250 V~<br/>Rated current: 16 A</p> |                    |                 |    |
| stainless steel   | <b>20 EUAB-866</b> | 2CKA002013A5408 | 10 |






<sup>1)</sup> Increased shock protection .

|   |                      |                 |   |
|---|----------------------|-----------------|---|
|  <p><b>Shaver socket outlet</b><br/>For installation into FM 2gang wall box 3030 and 3031.<br/>Rated voltage: 240 V, +10 % / -10 %<br/>Output voltage: 115 V, +10 % / -10 %<br/>Secondary: 240 V, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Rated power: 20 VA<br/>IEC 61558-2-5:97</p> |                      |                 |   |
| stainless steel   | <b>2332 UJBS-866</b> | 2CKA002130A0293 | 1 |

## pure stainless steel




### Socket outlets


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Flush-mounting wall box, 2gang</b><br>For shaver socket outlet 2332 UJBS-8xx.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm  |                 |          |
|   | <b>3030</b>  | 2CKA001741A0067 | 4        |
|    | <b>Flush-mounting cavity wall box, 2gang</b><br>For shaver socket outlet 2332 UJBS-8xx.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 142 mm x 75 mm x 45 mm   |                 |          |
|   | <b>3031</b>  | 2CKA001741A0068 | 4        |
|   | <b>13 A Switched socket outlet</b><br>1gang<br>With screw-type terminals.<br>SP switched<br>Without claws.<br>Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.<br>Rated voltage: 250 V~<br>Rated current: 13 ABS 1363: part2 |                 |          |
| stainless steel   | <b>2190 EUC-866</b>  | 2CKA002190A0217 | 10       |
|  | <b>Chinese socket outlet, 10 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Rated current: 10 A<br>delivery on request              |                 |          |
| stainless steel   | <b>2193 EUC/10-866-500</b>   |                 |          |
|  | <b>Chinese socket outlet, 16 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request                                     |                 |          |
| stainless steel   | <b>2193 EUC/16-866-500</b>   |                 |          |
|  | <b>Chinese and Euro American socket outlet, 10 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>delivery on request                   |                 |          |
| stainless steel   | <b>2195 EUC/10-866-500</b>   |                 |          |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Euro American socket outlet with earth, 16 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request  |                 |          |
| stainless steel   | <b>2196 EUC-866-500</b>  | CBA019A082S6010 |          |
|    | <b>International socket outlet 13A<sup>1)</sup></b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 13 A<br>delivery on request  |                 |          |
| stainless steel   | <b>2197 EUC-866-500</b>  | CBA019A071S6010 |          |
| <sup>1)</sup> Usage may be restricted in certain countries.   |  |                 |          |
|    | <b>SCHUKO® socket outlet<sup>1)</sup></b><br><b>shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Material stainless steel.<br>Anti fingerprint.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>2300 EUCB-866</b>   | 2CKA002013A5452 | 10/100   |
| <sup>1)</sup> Increased shock protection .<br><sup>2)</sup> With screw-type terminals   |  |                 |          |
|    | <b>SCHUKO® socket outlet steplight<sup>1)</sup></b><br><b>With night orientation light</b><br>with separate connection cables for switch contact.<br>with LED,<br>Shuttered.<br>DP (2 P + E)<br>Surface painted.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>20 EUCBLI-866</b>   | 2CKA002013A5460 | 1        |
| <sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.<br><sup>2)</sup> Resistant to aggressive media, e.g. ammonia, benzene, oils, greases, alcohol, cleansing agents, in normal concentrations. |  |                 |          |
|    | <b>SCHUKO® socket outlet<sup>1)</sup></b><br><b>with labelling field</b><br>DP (2 P + E)<br>Size of labelling field: 60 x 9 mm.<br>Material stainless steel.<br>Anti fingerprint.<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20                  |                 |          |
| stainless steel   | <b>20 EUCNB-866</b>  | 2CKA002013A5432 | 10       |
| <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> .   |  |                 |          |

## pure stainless steel


### Socket outlets

| Product  | Article-No.          | Order-No.       | Pack/Qty |
|--|----------------------|-----------------|----------|
|  <p><b>FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with earth leakage circuit breaker</b><br/>Shuttered.<br/>DP cut off (P,N)<br/>Without PE monitoring.<br/>With output terminals for connecting and protecting downstream SCHUKO® socket outlets.<br/>Rated fault current: 30 mA.<br/>With fixing claws.<br/>Rated frequency: 45-60 Hz.<br/>Surface painted.<br/>Rated voltage: 230 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 21<br/>Temperature range (Device): -25 °C to 40 °C</p>       | <b>3120 EUCB-866</b> | 2CKA003116A0669 | 1/10     |
| stainless steel  |                      |                 |          |
| <sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.<br><sup>2)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.<br><sup>3)</sup> Increased shock protection.   |                      |                 |          |
|  <p><b>Buschmat® FI - Insert <sup>1)</sup> with earth leakage breaker with connecting conductor</b><br/>Protection of downstream consumers.<br/>Rated actuating current: 30 mA. Release time: ≤ 30 ms. Short-circuit strength: 3000 A (with 25 A GL fuse).<br/>Current surge strength: 250 A (8/20) μs.<br/>DP cut off (P,N)<br/>Without claw fixation.<br/>Rated frequency: 45-60 Hz.<br/>Surface painted.<br/>Rated voltage: 230 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 21<br/>Temperature range (Device): -25 °C to 40 °C</p> | <b>3151 UC-866</b>   | 2CKA003117A0011 | 1/10     |
| stainless steel  |                      |                 |          |
| <sup>1)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.  |                      |                 |          |
|  <p><b>SCHUKO® socket outlet shuttered</b><br/>With screwless terminals.<br/>DP (2 P + E)<br/>with hinged lid<br/>Material stainless steel.<br/>Anti fingerprint.<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 20</p>  | <b>20 EUKB-866</b>   | 2CKA002018A1521 | 10/100   |
| stainless steel  |                      |                 |          |

| Product  | Article-No.                | Order-No.       | Pack/Qty |
|--|----------------------------|-----------------|----------|
|  <p><b>USB socket outlet earthing pin, 2gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> shuttered</b><br/>For connecting electric loads.<br/>DP (2 P + E)<br/>With screwless terminals.<br/>For supply and support of mobile devices via USB-cable.<br/>With two USB type A outputs.<br/>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br/>Support of loading protocol on the USB-A connection: Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Suitable for the countries: Belgium, Poland, Czech Republic.<br/>Rated voltage: 230 V~, +10 % / --10 %<br/>Secondary: 5 V-, +5 % / -5 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 2x USB charging interface<br/>Suitable for: Earth pin socket<br/>Rated current: 16 A<br/>Suitable for: In case one output is used:<br/>Rated current: 2.4 A<br/>Suitable for: In case two output are used:<br/>Rated current: 1.2 A<br/>Output voltage: 5 V-<br/>Rated power: 12 W<br/>Protection class (Device): IP 20, SELV<br/>Temperature range (Device): 5 °C to 35 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br/>Mounting depth: 39.5 mm</p> | <b>20 MUCB2USB-866-500</b> | 2CKA002017A1897 | 1/10     |
| stainless steel  |                            |                 |          |
| <sup>1)</sup> Socket outlet with integrated child protection. Replaces the usual term "...with child protection".<br><sup>2)</sup> No data transfer.<br><sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.<br><sup>4)</sup> Surface painted.  |                            |                 |          |


## pure stainless steel


### Data communication

| Product  | Article-No. | Order-No. | Pack/Qty |
|--|-------------|-----------|----------|
|  <p><b>WLAN access point, flush-mounted <sup>1)</sup> <sup>2)</sup> power supply from mains power</b><br/>           Operation as WLAN access point for the connection of WLAN terminal devices to the LAN.<br/>           Operation as WLAN repeater for extending the transmission range of a WLAN.<br/>           Operation as WLAN adapter for integrating Ethernet terminal devices into a WLAN.<br/>           Supports WLAN standards IEEE 802.11b/g/n with 2.4 GHz; integrated WLAN antenna.<br/>           Backward connection of an Ethernet cable via screw terminals (10/100 Mbit/s).<br/>           Front-side Ethernet connection via a RJ45 socket (10/100 Mbit/s).<br/>           The three connections (WLAN, Ethernet/screw terminals and Ethernet/RJ45) can be used in parallel via the integrated switch.<br/>           Power supply via 2-pole connecting terminal.<br/>           Nominal voltage: 100 - 240 V~<br/>           For mounting in commercially available deep flush-mounted and hollow-wall boxes.<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Dimensions: (L x W x D): 80 mm</p> <p><b>8186/31-101-500</b>      2CCKA008100A0359      1</p> |             |           |          |


<sup>1)</sup> Suitable for cover plate 1803-xxx.

<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

|   |  |  |  |
|---|--|--|--|
|  <p><b>Reset magnet</b><br/>           For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.<br/>           Protection class (Device): IP 20</p> <p><b>8186/11-500</b>      2CCKA008100A0361      1</p> |  |  |  |
|---|--|--|--|


|  |  |  |  |
|--|--|--|--|
|  <p><b>Universal data connection unit, cat. 3 <sup>1)</sup> 1gang</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0213-500</b>      2CCKA000230A1549      10/100</p> |  |  |  |
|--|--|--|--|

<sup>1)</sup> Suitable for cover plate 1803-xxx.


|  |  |  |  |
|--|--|--|--|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2gang internally parallel connected</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0214</b>      2CCKA000230A0235      10/100</p> |  |  |  |
|--|--|--|--|

|                                    |   |
|------------------------------------|---|
| <b>Mounting boxes:</b>             | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |
| <b>2gang product combinations:</b> | 2gang combination with adapter plate APBS in Dual Box only. |
| <b>neon indicator:</b>             | not applicable  |

<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

| Product  | Article-No. | Order-No. | Pack/Qty |
|--|-------------|-----------|----------|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2 x outlets, 8/8-pole</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0215</b>      2CCKA000230A0243      10</p> <p><b>Mounting boxes:</b> 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.</p> <p><b>2gang product combinations:</b> 2gang combination with adapter plate APBS in Dual Box only.</p> <p><b>neon indicator:</b> not applicable</p> |             |           |          |


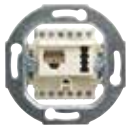


<sup>1)</sup> Suitable for cover plate 1803-02-xxx.



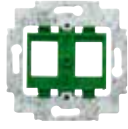

|  |  |  |  |
|--|--|--|--|
|  <p><b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>           With down-leading outlet and LSA self-cutting clamps.<br/>           RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>           Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>           Terminal marking A and B according to TIA/EIA-568-B.2.<br/>           Typ according to EN 60 603-7-51:2011-01.<br/>           Shielding according to DIN EN 55022, Class B.<br/>           Up to 500 MHz on all pairs of wires.<br/>           Suitable for 10-Gigabit Ethernet.<br/>           Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>           Flex cable entries from all sides without buckles.<br/>           Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>           Re-embedded proofed.<br/>           Suitable for Mix-and-Match operation.<br/>           Suitable for RJ 11, RJ 12 und RJ 45.<br/>           For data cables with a diameter of 6 -10 mm.<br/>           For wires of AWG 24-22.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without claws.<br/>           Mounting depth: 31 mm.<br/>           Protection class (Device): IP 20</p> <p><b>0218/11-101</b>      2CCKA000230A0409      1/10</p> |  |  |  |
|--|--|--|--|

<sup>1)</sup> Suitable for cover plate 1803-xxx.

## pure stainless steel






### Data communication





| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup></b><br><b>2 x outlets, 8/8-pole</b><br>With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06. Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B. Up to 500 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. Suitable for RJ 11, RJ 12 und RJ 45. For data cables with a diameter of 6 -10 mm. For trunk systems, flush-mounted wall boxes and underfloor systems. For wires of AWG 24-22. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20 |                 |          |
|   | <b>0218/12-101</b>   | 2CKA000230A0411 | 1/10     |
| <sup>1)</sup> Suitable for cover plate 1803-02-xxx.                                 |  |                 |          |
|  | <b>Universal data connection box 8(6)/ telephone unit 6F+N - connection box <sup>1)</sup></b><br><b>2 x 6-pole</b><br>with straight outlet, with screw contacts, Universal data-connection boxes: RJ 11/12, ISDN capable Cat. 3 in acc. with IEC 603-7/German Standard DIN EN 60603-7, Telecommunication outlet (telephone unit ): for 1 telephone, 1 auxiliary device or 1 data transmission unit, With claw. Protection class (Device): IP 20  |                 |          |
| white   | <b>UAE 8(6)TAE 6 F+N</b>   | 2CKA000230A0381 | 10/100   |
| <sup>1)</sup> Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.          |  |                 |          |
|  | <b>Satellite co-axial outlets</b><br><b>2 connectors/dead-end feeder</b><br>Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20  |                 |          |
|   | <b>0230-101</b>  | 2CKA000230A0250 | 10/100   |
|  | <b>Antenna socket insert Radio/TV</b><br><b>2 connectors/loop through type</b><br>Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20  |                 |          |
|   | <b>0231-101</b>  | 2CKA000230A0268 | 10/100   |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Satellite co-axial outlets Radio/TV/SAT</b><br><b>3gang dead-end feeder</b><br>Broadband technology 47-2.150 MHz. SAT connection designed as screwable F-male plug. with remote feed via F-bush For DVB-T and broadband-cable-systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20   |                 |          |
|   | <b>0232-101-500</b>   | 2CKA000230A0463 | 10/100   |
|    | <b>Terminating resistor</b><br><b>75 Ohm</b><br>Protection class (Device): IP 20  |                 |          |
|   | <b>0239</b>   | 2CKA000230A0201 | 10/100   |
|    | <b>Mounting plate <sup>1)</sup> <sup>2)</sup></b><br><b>with green insert</b><br>For 2 modular jack inserts. For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx. With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws. Protection class (Device): IP 20  |                 |          |
|   | <b>1810-500</b>   | 2CKA001753A9974 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions. |   |                 |          |
| <sup>2)</sup> For further information, please refer on the Internet.  |   |                 |          |
|    | <b>Mounting plate <sup>1)</sup> <sup>2)</sup></b><br><b>with red insert</b><br>For 2 modular jack inserts. Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts For Telegärtner AMJ/UMJ connection modules/ couplings. For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk. Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws. Protection class (Device): IP 20 |                 |          |
|   | <b>1812-500</b>   | 2CKA001753A9972 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions. |   |                 |          |
| <sup>2)</sup> For further information, please refer on the Internet.  |   |                 |          |

## pure stainless steel






### Data communication

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with black insert</b><br/>For MTRJ or 2 modular jack inserts.<br/>For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.<br/>For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.<br/>Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1814-500</b> | 2CKA001753A9973 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/><sup>2)</sup> For further information, please refer on the Internet.</p>  |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with blue insert</b><br/>For 2 modular jack inserts.<br/>For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III.<br/>Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>  | <b>1816</b>     | 2CKA001710A3100 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/><sup>2)</sup> For further information, please refer on the Internet.</p>  |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with orange base</b><br/>For 2 modular jack inserts.<br/>For system: LexCom 150 and LexCom 250.<br/>Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>   | <b>1819</b>     | 2CKA001753A8056 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/><sup>2)</sup> For further information, please refer on the Internet.</p>  |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with grey base</b><br/>For 2 modular jack inserts.<br/>For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.<br/>Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>  | <b>1820</b>     | 2CKA001753A8057 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/><sup>2)</sup> For further information, please refer on the Internet.</p>  |                 |                 |          |
|  <p><b>Flush-mounted assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For flush-mounted installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p>   | <b>0219/12</b>  | 2CKA000230A0395 | 1/10     |

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Channel assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For channel and under-floor installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p>   | <b>0219/13</b>  | 2CKA000230A0396 | 1/10     |
|  <p><b>Universal module, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>For installation in installation adapter 0219/12 or 0219/13.<br/>Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB.<br/>RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>Cat. 6A according to ISO/IEC 11801: 2011-06.<br/>Terminal marking A and B according to TIA/EIA-568-B.2.<br/>Typ according to EN 60 603-7-51:2011-01.<br/>Shielding according to DIN EN 55022, Class B.<br/>Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>Bend-radius optimised cable feed (30°).<br/>Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>Re-embedded proofed.<br/>Suitable for Mix-and-Match operation.<br/>For 8-pole plug RJ 45 only.<br/>Housing made from diecast zinc.<br/>With integrated dust-protection cap (can be removed if necessary).<br/>With insulation displacement connection<br/>For data cables with a diameter of 6 -10 mm.<br/>For wires of AWG 24-22.<br/>For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>Protection class (Device): IP 20</p> | <b>0219-101</b> | 2CKA000230A0413 | 1/10     |
| <p><sup>1)</sup> With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.</p>   |                 |                 |          |
|  <p><b>Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>   | <b>0210</b>     | 2CKA000225A0078 | 10       |
|  <p><b>Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>   | <b>0211</b>     | 2CKA000225A0086 | 10       |

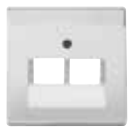




## pure stainless steel

### Data communication

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Built-in jack</b><br>For potential balancing jack cover plate and installation in cover plates.<br>For devices of 19 mm diameter.<br>Protection class (Device): IP 20   |                 |          |
|   | <b>0471-0-0037</b>   | 2CKA000471A0037 | 10       |
|    | <b>Potential balancing plug</b><br>Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.<br>For potential balancing jack cover plate (connection up to 6 mm <sup>2</sup> crimped or soldered)<br>Protection class (Device): IP 20   |                 |          |
|   | <b>0299-0-0032</b>   | 2CKA000299A0032 | 10       |
|   | <b>Blank plate with metal mounting plate</b><br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1742-866</b>  | 2CKA001710A3751 | 10       |
|  | <b>Cover plate <sup>1)</sup></b><br>As cover for flex outlet, for cords up to 10.3 mm diameter.<br>With strain relief (without terminal block).<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>1749-866</b>  | 2CKA001710A3752 | 10       |
|  | <b>Cover plate <sup>1)</sup></b><br>As cover for universal data connection boxes.<br>Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br>For WLAN access points 8186/31 and 8186/41.<br>Brand-Rex (WAEGV 8 EKR/EK).<br>BTR ( universal data connecting unit design and IAE design).<br>Telegärtner (AMJ 45, UMJ 45).<br>With down-leading outlet.<br>With labelling field.<br>Size of labelling field: 60 x 9 mm.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>1803-866</b>  | 2CKA001710A3763 | 10/100   |

<sup>1)</sup> Cover plate can also be used individually as cover for telephone connector boxes (VDo).

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cover plate <sup>1)</sup> 2gang</b><br>As cover for universal data connection boxes.<br>Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. Brand-Rex (WAEGV 8/8 EKR/EK). AMP (NETCONNECT 5E).<br>BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).<br>cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45).<br>With down-leading outlet. With labelling field.<br>Size of labelling field: 60 x 9 mm.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>1803-02-866</b>  | 2CKA001710A3764 | 10/100   |
|   | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6472 U-500-101.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1766-866</b>   | 2CKA001710A3765 | 10/100   |
|  | <b>Cover plate</b><br>As cover for telephone connector boxes (VDo).<br>Can be knocked out for single or double connection.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>1745-866</b>   | 2CKA001710A3766 | 10       |
|  | <b>Cover plate <sup>1)</sup> socket outlet</b><br>Telephone socket (TDO)<br>Surface painted.  |                 |          |
| stainless steel   | <b>1762-866-506</b>   | 2CKA001710A4107 | 10/100   |
|  | <b>Cover plate <sup>1)</sup> 2) as cover for standard Radio/TV/SAT socket outlets</b><br>With 2 connectors<br>Acc. to German Standard DIN 45330.<br>Radio/TV/SAT.<br>With M3 fixing screw.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>1743-866</b>   | 2CKA001724A4271 | 10/100   |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>1)</sup> Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).








<sup>1)</sup> Third opening can be knocked out.







<sup>2)</sup> See inserts for satellite coaxial socket outlets.



## pure stainless steel


### Data communication


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Cover plate <sup>1)</sup></b><br>As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann.<br>Surface painted.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1743-04-866</b>   | 2CKA001724A4378 | 10       |
| <sup>1)</sup> See adapter ring 1746/10x.  |  |                 |          |
|    | <b>Cover plate <sup>1)</sup></b><br>As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro.<br>Surface painted.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1743/10-04-866</b>  | 2CKA001724A4369 | 10       |
| <sup>1)</sup> See adapter ring 1746/10x.  |  |                 |          |
|   | <b>Cover plate <sup>1)</sup> with labelling field</b><br>For modular jack with slide entrance.<br>To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820. Size of labelling field: 60 x 9 mm.<br>Material stainless steel. Anti fingerprint.<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>1800-866</b>  | 2CKA001710A3767 | 10       |
| <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> . |  |                 |          |
|    | <b>Cover plate <sup>1)</sup></b><br>For 1 modular jack.<br>Suitable for Art. Nos. 0210, 0211 and 0219-101.<br>Without claws.<br>Surface painted.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>2561-866</b>  | 2CKA001753A0404 | 10       |
| <sup>1)</sup> Surface painted.  |  |                 |          |
|    | <b>Cover plate with metal mounting plate</b><br>For 2 modular jack inserts.<br>Suitable for Art. No. 0210 and 0211.<br>Without claws. Surface painted.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>2561-02-866</b>   | 2CKA001753A0395 | 10       |
|    | <b>Cover plate</b><br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Surface painted.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>1746/10-866</b>   | 2CKA001710A3768 | 10       |
|    | <b>Intermediate ring</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Surface painted.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1747 BSI-866</b>  | 2CKA001710A4097 | 10       |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Cover plate</b><br>With hinged lid.<br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Surface painted.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1746-866</b>  | 2CKA001710A3769 | 10       |
|    | <b>Intermediate ring with hinged lid <sup>1) 2)</sup></b><br>For accommodating cover plates from the Busch-Duro 2000® SI program and Reflex SI, e.g. socket outlets, equipotential, antenna, and ISDN socket outlets, etc.<br>Delivery without cover plate.<br>With sealing ring.<br>IP 44 only in conjunction with cover frames All Weather 44.<br>Surface painted.<br>Protection class (Device): IP 44 |                 |          |
| stainless steel   | <b>2518-WD-866</b>   | 2CKA001719A0221 | 10       |
| <sup>1)</sup> Combinable with cover plate 1746-...-101. 1743-04-..., 1743/10-04-... or data inserts with covers 50 x 50 mm, e.g. from Ackermann, Rutenbeck, BTR, Telegärtner. |  |                 |          |
| <sup>2)</sup> Combinable only with covers for flush-mounted inserts   |  |                 |          |
|    | <b>XLR centre plate</b><br>As cover for Neutrik plug connectors, type D series.<br>Without claws.<br>Surface painted.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>2553-866</b>  | 2CKA001724A4403 | 10       |
|    | <b>Cover plate with metal mounting plate</b><br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Knock-out openings 6, 8, 18 mm.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20                            |                 |          |
| stainless steel   | <b>1748-866</b>  | 2CKA001710A3760 | 10       |
|    | <b>Cover plate with metal mounting plate</b><br>As cover for BNC and TNC sockets.<br>Knock-out openings 6, 8, 18 mm.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1750-866</b>  | 2CKA001710A3770 | 10       |
|    | <b>Equipotential socket outlet 2gang</b><br>Without claws.<br>For connecting wires up to 1 x 6 mm <sup>2</sup> and 4 x 2.5 mm <sup>2</sup> .<br>IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007<br>Connection bolts German Standard DIN 42801.<br>Surface painted.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>2095 UC-866</b>   | 2CKA002495A0090 | 10       |

## pure stainless steel

### Data communication

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate with metal mounting plate</b><br>With screw-type terminal.<br>Fixed with central locknut.<br>As cover for pilot devices with a diameter of 22.5 mm<br>Without claws.<br>Surface painted.<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>2533-866</b>   | 2CKA001724A4270 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1)</sup> with metal mounting plate</b><br>for communication devices.<br>With labelling field 60.2 x 10.2 mm.<br>Without claws.<br>Surface painted.<br>Protection class (Device): IP 20 |                 |    |
| stainless steel   | <b>1758-866</b>  | 2CKA001724A4272 | 10 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).



### Multimedia / communication adapters

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Radio DAB+ <sup>1)</sup></b><br>DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br>With high-resolution colour display for showing additional information.<br>Reception frequency: 87.50 MHz - 108.00 MHz.<br>Receive frequency (DAB+): 174 MHz - 240 MHz.<br>With external AUX input/output, reversible.<br>For mono/stereo operation.<br>8 radio stations storable.<br>With time and date display.<br>With individual alarm and snooze function.<br>With automatic switch-off function (automatic sleep mode).<br>With extension input to remote-controlled ON/OFF switches.<br>With integrated antenna.<br>With additional connection for external antenna.<br>Permitted speaker impedance: 4 - 8 Ohm<br>Can be installed as 1gang and in multiple combinations.<br>Control element: 4-button operation via floating rocker<br>Display elements: ICU graphic display with 280 DPI.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Control/Signal outputs: 2, Loudspeaker output, impedance 4 Ohm<br>Rated power: 2 W (RMS)<br><br>Protection class (Device): IP 20<br>Temperature range (Device): 5 °C to 40 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br>Mounting depth: 32 mm |                 |          |
|   | <b>8215 U-101-500</b>  | 2CKA008200A0276 | 1/10     |



<sup>1)</sup> No claw. Screw-fixing via keyholes.

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### Multimedia / communication adapters

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio BTconnect DAB+ 1)</b><br/> <b>With Bluetooth interface for music replay.</b><br/>           DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br/>           With high-resolution colour display for showing additional information.<br/>           With Bluetooth interface for music replay of mobile devices.<br/>           Connection of external Bluetooth loudspeakers possible.<br/>           Reception frequency: 87.50 MHz - 108.00 MHz.<br/>           Receive frequency (DAB+): 174 MHz - 240 MHz.<br/>           With external AUX input/output, reversible.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With individual alarm and snooze function.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated antenna.<br/>           With additional connection for external antenna.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Bluetooth specification: 4.2.<br/>           Bluetooth profiles supported: A2DP<br/>           Number of stored Bluetooth connections: max. 8<br/>           Control element: 4-button operation via floating rocker<br/>           Display elements: ICU graphic display with 280 DPI.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 2 W (RMS)</p> <p>Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/>           Mounting depth: 32 mm</p>  | <b>8217 U-101-500</b> | 2CKA008200A0279 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.


| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Busch-Radio iNet 1) 2) 3) 4)</b><br/>           WLAN Internet radio alarm clock for flush-mounted installation.<br/>           For the reception of national and international radio stations via Internet.<br/>           Radio station search possible via various genres.<br/>           With high resolution graphic display and background illumination.<br/>           With external AUX input.<br/>           Integrated web-server for configuration and control.<br/>           Remote operation with smartphone via browser surface.<br/>           UPnP replay function. It is controlled via smartphone.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With alarm function.<br/>           With short-time timer.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated WLAN antenna.<br/>           WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).<br/>           WLAN safety: WPA / WPA2.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm<br/>           Mounting depth: 33 mm</p>  | <b>8216 U-500</b> | 2CKA008200A0153 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.


<sup>2)</sup> Matching loudspeaker insert 8223 U.

<sup>3)</sup> Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

<sup>4)</sup> To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

|   |                   |                 |      |
|---|-------------------|-----------------|------|
|  <p><b>Loudspeaker insert 1)</b><br/> <b>5 cm (2")</b><br/>           With flat plug connector.<br/>           With broadband characteristics.<br/>           Rated output: 2 W (RMS)<br/>           Incl. speaker connection cable.<br/>           Frequency response: 200 - 20,000 Hz<br/>           Impedance: 4 Ohm<br/>           Protection class (Device): IP 20, SELV<br/>           Mounting depth: 32 mm</p> | <b>8223 U-500</b> | 2CKA008200A0183 | 1/10 |
|---|-------------------|-----------------|------|


<sup>1)</sup> No claw. Screw-fixing via keyholes.

|  |               |                 |      |
|--|---------------|-----------------|------|
|  <p><b>Flush Mounted Inserts Flush-mounted installation boxes and inserts</b><br/>           Multi media connector ins.</p> | <b>8231 U</b> | 2CKA008200A0223 | 1/10 |
|--|---------------|-----------------|------|

<sup>1)</sup> No claw. Screw-fixing via keyholes.

## pure stainless steel

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| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Busch-powerDock Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>           For charging and supplying mobile terminal devices.<br/>           With quick charging function for devices compatible with quick-charge™.<br/>           Makes possible fast charging of the mobile terminal device.<br/>           Rated voltage: 100 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Suitable for: Apple terminal device<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with USB-C connection<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge™ function.<br/>           Rated current: 2 A<br/>           Output voltage: 9 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm<br/>           Mounting depth: 32 mm</p> | <b>6473 U-500</b> | 2CKA006400A0039 | 1/10     |

<sup>1)</sup>No claw. Screw-fixing via keyholes.


<sup>2)</sup>The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.

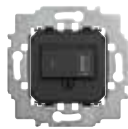
<sup>3)</sup>In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

<sup>4)</sup>In these cases the quick-charging function of the terminal device is not enabled.

|  |                 |                 |      |
|--|-----------------|-----------------|------|
|  <p><b>Busch-powerDock Charging cradle with Apple lightning connection <sup>1)</sup></b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with lightning connection.<br/>           For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.<br/>           For iPhone 8 Plus, iPhone 8.<br/>           For iPhone 7 Plus, iPhone 7.<br/>           For iPhone SE.<br/>           For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.<br/>           For iPhone 5s, iPhone 5c, iPhone 5.<br/>           For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).<br/>           Suitable for use with protective covers certified by Apple.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473-500</b> | 2CKA006400A0081 | 1/10 |
|--|-----------------|-----------------|------|

<sup>1)</sup>Not released for use with the iPad.

|  |                    |                 |      |
|--|--------------------|-----------------|------|
|  <p><b>Busch-powerDock Charging cradle with USB-C connection</b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with USB-C connection.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473/11-500</b> | 2CKA006400A0083 | 1/10 |
|--|--------------------|-----------------|------|

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>With USB-A &amp; USB-C interface</b><br/>           For supply and support of mobile devices via USB-cable.<br/>           With USB type A and USB type C female connector.<br/>           To support two devices at the same time.<br/>           Supports automatic negotiating of optimum charging parameters for the shortest charging times.<br/>           Support of loading protocol on the USB-A connection:<br/>           Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>           Support of the additional quick-charge protocols:<br/>           USB-PD and quick-charge 3.0 &amp; 4.0.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Rated voltage: 220 - 230 V AC<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 2x USB charging interface<br/>           Suitable for: Only USB-A bus occupied:<br/>           Rated current: 3000 mA<br/>           Output voltage: 5 V-<br/>           Suitable for: Only USB-C bus occupied:<br/>           Rated power: 18 W</p> | <b>6475 U-500</b> | 2CKA006400A0399 | 1        |

Suitable for: USB-A and USB-C bus occupied. Total:

Rated current: 3250 mA

Output voltage: 5 V-

Protection class (Device): IP 20, SELV

Temperature range (Device): 0 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm


<sup>1)</sup>No claw. Screw-fixing via keyholes.


<sup>2)</sup>No data transfer.


<sup>3)</sup>When cleaning the device, use dust cover 2098 for the USB-A connection.


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### Multimedia / communication adapters


| Product   | Article-No.  | Order-No.          | Pack/Qty        |   |
|---|--|--------------------|-----------------|---|
|  <p><b>HDMI connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.<br/>           HDMI-type A, 3D-compatible.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 20-wire HDMI-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white  | <b>0261/31-500</b> | 2CKA000230A0430 | 1 |
|   | grey   | <b>0261/33-500</b> | 2CKA000230A0432 | 1 |
|   | alpine white   | <b>0261/32-500</b> | 2CKA000230A0431 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths. |                    |                 |   |

|  |   |                    |                 |   |
|--|---|--------------------|-----------------|---|
|  <p><b>VGA connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link analogue video data between PCs and laptops to monitors or digital projectors etc.<br/>           VGA-type: D-type, 15-pole.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 15-wire VGA-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white   | <b>0261/21-500</b> | 2CKA000230A0424 | 1 |
|  | grey  | <b>0261/23-500</b> | 2CKA000230A0426 | 1 |
|  | alpine white  | <b>0261/22-500</b> | 2CKA000230A0425 | 1 |
|  | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. VGA cable lengths. |                    |                 |   |

| Product   | Article-No.   | Order-No.          | Pack/Qty        |   |
|---|---|--------------------|-----------------|---|
|  <p><b>USB connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc.<br/>           USB-type A, USB 2.0 compatible.<br/>           For 5-wire USB- cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white   | <b>0261/11-500</b> | 2CKA000230A0418 | 1 |
|   | grey  | <b>0261/13-500</b> | 2CKA000230A0420 | 1 |
|   | alpine white  | <b>0261/12-500</b> | 2CKA000230A0419 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. USB cable lengths. |                    |                 |   |







|   |   |                    |                 |   |
|---|---|--------------------|-----------------|---|
|  <p><b>Communication adapter for BNC-F Duct-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | white   | <b>0262/11-500</b> | 2CKA000230A0436 | 1 |
|   | grey  | <b>0262/13-500</b> | 2CKA000230A0438 | 1 |
|   | alpine white  | <b>0262/12-500</b> | 2CKA000230A0437 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. BNC-F cable lengths. |                    |                 |   |

|   |   |                 |                 |   |
|---|---|-----------------|-----------------|---|
|  <p><b>F duct-jack for communication adapter</b><br/>           For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver.<br/>           With screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Protection class (Device): IP 20</p> | metal clad  | <b>0262-500</b> | 2CKA000230A0440 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. F cable lengths. |                 |                 |   |

|  |   |                    |                 |   |
|--|---|--------------------|-----------------|---|
|  <p><b>Communication adapter for Cinch-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | white   | <b>0263/11-500</b> | 2CKA000230A0444 | 1 |
|  | grey  | <b>0263/13-500</b> | 2CKA000230A0446 | 1 |
|  | alpine white  | <b>0263/12-500</b> | 2CKA000230A0445 | 1 |
|  | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. Cinch cable lengths. |                    |                 |   |

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### Multimedia / communication adapters

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked white: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| alpine white  | <b>0263/04-500</b>  | 2CKA000230A0451 | 1        |
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked black: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| black   | <b>0263/05-500</b>  | 2CKA000230A0452 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked red: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| Red   | <b>0263/06-500</b>  | 2CKA000230A0453 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.<br>Marked yellow: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20   |                 |          |
| yellow  | <b>0263/07-500</b>  | 2CKA000230A0454 | 1        |
|  | <b>Communication adapter for Mini-jacks 3,5mm.</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To support 1 or 2 jacks.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0264/11-500</b>  | 2CKA000230A0458 | 1        |
| grey  | <b>0264/13-500</b>  | 2CKA000230A0460 | 1        |
| alpine white  | <b>0264/12-500</b>  | 2CKA000230A0459 | 1        |
|  | <b>Mini-jack 3,5 mm for communication adapter</b><br>For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones.<br>Audio-band 20Hz - 20kHz.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| chrome gloss  | <b>0264-500</b>   | 2CKA000230A0462 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm <sup>2</sup> . Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20       |                 |          |
| white   | <b>0248/02-101</b>  | 2CKA000230A0402 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |   |                 |          |
|    | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back). With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |   |                 |          |
|   | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back). With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>0248/05-101</b>  | 2CKA000230A0404 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |   |                 |          |
|  | <b>Cover plate <sup>1)</sup></b><br>For Busch-Radio DAB+ 8215 U-101.<br>For Busch-Radio BTconnect DAB+ 8217 U-101.<br>For Busch-Radio iNet 8216 U.  |                 |          |
| stainless steel   | <b>8252-866-101-500</b>   | 2CKA008200A0264 | 10       |
| <sup>1)</sup> Surface painted.  |   |                 |          |
|  | <b>Cover plate <sup>1)</sup></b><br>For loudspeaker insert 8223 U.<br>Surface painted.  |                 |          |
| stainless steel   | <b>8253-866</b>   | 2CKA008200A0087 | 1/10     |
| <sup>1)</sup> Surface painted.  |   |                 |          |
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate media connector.  |                 |          |
| stainless steel   | <b>8256-866</b>   | 2CKA008200A0231 | 1/10     |



## pure stainless steel

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| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |          |
| stainless steel   | <b>1766-866</b>   | 2CKA001710A3765 | 10/100   |
|    | <b>Cover plate with metal mounting plate</b><br>With fixing claws.<br>loudspeaker inserts and cover.<br>With soldering tag.<br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20   |                 |          |
| stainless steel   | <b>1751-866</b>   | 2CKA001723A0255 | 10       |
|  | <b>Cover plate with rotary control, with marking</b><br>As a cover for volume controllers.<br>Suitable for the >LR mono BJ FM< devices of WHD.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20  |                 |          |
| stainless steel   | <b>1740 DR/03-866</b>   | 2CKA001710A3812 | 10       |
|  | <b>Cover plate for Busch-powerDock<sup>1)</sup></b><br>For Busch-powerDock charging cradle.   |                 |          |
| stainless steel   | <b>6477-866</b>   | 2CKA006400A0064 | 10       |


<sup>1)</sup> Surface painted.

### Room thermostats

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1   |                 |          |
|   | <b>1094 U-500</b>  | 2CKA001032A0512 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |
| <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p> <p><sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.</p> <p><sup>3)</sup> Switching temperature difference: ± 0.5 K.</p> |  |                 |          |
|    | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br><b>Slide switch</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1095 U-500</b>  | 2CKA001032A0514 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |
| <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p> <p><sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.</p> <p><sup>3)</sup> Switching temperature difference: ± 0.5 K.</p> |  |                 |          |

## pure stainless steel


### Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Sliding switch, 24 V</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 24 V~<br>Rated current: 1 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1096 U</b>   | 2CKA001032A0485 | 1        |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>1gang 2way</b><br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1097 U-500</b>   | 2CKA001032A0513 | 1/10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |      |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |      |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1094 UTA</b>  | 2CKA001032A0487 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Sliding switch, actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 UTA</b>   | 2CKA001032A0488 | 1/10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.



## pure stainless steel


### Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Sliding switch, actual value indication, 24 V</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 24 V~<br>Rated current: 1 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1096 UTA</b>   | 2CKA001032A0489 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Change-over contact, actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1097 UTA</b>   | 2CKA001032A0490 | 1/10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Change-over contact, setpoint indication, timer</b><br>With change-over contact.<br>Easy adjustment using menu and text-based display.<br>4 switching times per day can be user-defined for each day of the week. With fixing claws.<br>Automatic summer/wintertime switch-over<br>Power reserve > 10 hours.<br>To fit cover plate 6435-xxx.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9 |                 |      |
|   | <b>1098 U-101</b>   | 2CKA001032A0508 | 1/10 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Room thermostat, flush-mounted 1)<br/>Remote sensor</b><br>With remote sensor and thermal feedback<br>For underfloor heating.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Remote sensor cable length: 4 m.<br>Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br>Adjusting range: +10 to +50° C.<br>Connecting cable: 1mm <sup>2</sup> to 2.5 mm <sup>2</sup><br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 16 A, cos $\phi$ 1<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1095 UF</b>   | 2CKA001032A0497 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted 1) 2)<br/>Change-over contact, setpoint indication, timer,<br/>remote sensor</b><br>With change-over contact.<br>Easy adjustment using menu and text-based display.<br>4 switching times per day can be user-defined for each day of the week.<br>With fixing claws.<br>Automatic summer/wintertime switch-over<br>Remote sensor cable length: 4 m.<br>Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br>Power reserve > 10 hours<br>To fit cover plate 6435-xxx.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Temperature range (Device): 10 °C to 50 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9 |                 |      |
|   | <b>1098 UF-101</b>  | 2CKA001032A0509 | 1/10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

## pure stainless steel


### Room thermostats

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br/> <b>Heating/cooling</b><br/>           With separate connection (230 V~) for external switchover between heating or cooling. Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Nominal current: 10 A heating<br/>           Nominal current: 5 A cooling<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1099 UHK</b> | 2CKA001032A0515 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.


|   |                   |                 |      |
|---|-------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup></b><br/> <b>Heating/cooling, sliding switch</b><br/>           With built-in sliding switch for switchover between cooling or heating.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Nominal current: 10 A heating<br/>           Nominal current: 5 A cooling<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1099 UHKEA</b> | 2CKA001032A0516 | 1/10 |
|---|-------------------|-----------------|------|


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Cover plate for room thermostat</b><br/>           For room thermostats 1094 U, 1097 U.<br/>           Surface painted.</p> | <b>1794-866</b> | 2CKA001710A3755 | 10 |
|---|-----------------|-----------------|----|


|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Cover plate for room thermostat</b><br/>           With sliding switch for nightly room temperature reduction.<br/>           to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.<br/>           Surface painted.</p> | <b>1795-866</b> | 2CKA001710A3756 | 10 |
|---|-----------------|-----------------|----|


| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Cover plate for room thermostat</b><br/>           For room thermostats 1094 UTA, 1097 UTA.<br/>           Surface painted.</p> | <b>1794 TA-866</b> | 2CKA001710A3761 | 10       |

|  |                    |                 |    |
|--|--------------------|-----------------|----|
|  <p><b>Cover plate for room thermostat</b><br/>           With sliding switch for nightly room temperature reduction.<br/>           For room thermostats 1095 UTA, 1096 UTA.<br/>           Surface painted.</p> | <b>1795 TA-866</b> | 2CKA001710A3762 | 10 |
|--|--------------------|-----------------|----|

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Cover plate<sup>1)</sup></b><br/>           For comfort timer control element 6455-101-500.<br/>           For standard timer control element 6456-101.<br/>           For room thermostats 1098 U-101 and 1098 UF-101.<br/>           For short-time timer 6465 U-101.<br/>           For Busch-CO2 sensor 1091 U-500.<br/>           For blind compact timer 6422 U.<br/>           Surface painted.</p> | <b>6435-866</b> | 2CKA006430A0344 | 10 |
|---|-----------------|-----------------|----|


<sup>1)</sup> Surface painted.

|  |                    |                 |    |
|--|--------------------|-----------------|----|
|  <p><b>Cover plate for room thermostat</b><br/>           For room temperature controller 1099 UHK.<br/>           Surface painted.</p> | <b>1795 HK-866</b> | 2CKA001710A4018 | 10 |
|--|--------------------|-----------------|----|

|  |                      |                 |    |
|--|----------------------|-----------------|----|
|  <p><b>Cover plate for room thermostat</b><br/>           For room temperature controller 1099 UHKEA.<br/>           With sliding switch for switchover between cooling or heating.<br/>           Surface painted.</p> | <b>1795 HKEA-866</b> | 2CKA001710A4050 | 10 |
|--|----------------------|-----------------|----|


## pure stainless steel

### LED light

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Info light unit <sup>1) 2)</sup></b><br>Size of information field 43 x 43 mm.<br>Long service life of the lighting element (LEDs).<br>Homogeneous backlighting of the information field.<br>Colour temperature 6,500 K (cold white)<br>Power consumption: < 0.5 W<br>Rated voltage: 230 V~<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2062 U</b>   | 2CKA001511A0115 | 1/10     |


<sup>1)</sup> Use relay inserts when switching through movement sensors or comfort switches.


<sup>2)</sup> For switching the LED flush mounted insert use switches without orientation light only.

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate <sup>1) 2)</sup></b><br>As cover for flush-mounted info light.<br>For insert 2062 U.<br>Size of information field 43 x 43 mm.<br>Surface painted.<br>Protection class (Device): IP 20 |                 |   |
| stainless steel   | <b>1716-866</b>  | 2CKA001731A1955 | 1 |


<sup>1)</sup> Included with the cover are 46 different text labels and symbols.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate for indication lamp</b><br>For insert 2061/2661 U.<br>As cover for flush-mounted light signal.<br>Surface painted.<br>Protection class (Device): IP 20 |                 |    |
| stainless steel   | <b>1756-866</b>   | 2CKA001753A0093 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cap for indication lamp</b><br>For indication lamps.<br>Protection class (Device): IP 20 |                 |    |
| clear-transparent   | <b>1565-11</b>  | 2CKA001565A0167 | 10 |
| Red   | <b>1565-12</b>  | 2CKA001565A0175 | 10 |
| green   | <b>1565-13</b>  | 2CKA001565A0183 | 10 |


### WaveLINE inserts / control elements


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>RF remote control</b><br>• Network-independent radio control.<br>• For switching and dimming.<br>• For controlling blinds and light scenes.<br>• With 3 groups (A, B or C) with 5 pairs of channels.<br>• There are 15 radio channels operated singly or up to 30 light scenes can be called. |                 |          |
|   | <b>6780</b>  | 2CKA006780A0002 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>1-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• Functions via radio control: ON/OFF, timer and light scene control.<br>• Functions via the extension unit: ON/OFF, timer and sending a radio control telegram.<br>• Operation via conventional push button (2020 US/2021/6 UK) possible. |                 |   |
|   | <b>6701-101-500</b>   | 2CKA006700A0040 | 1 |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>1-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• For functions ON/OFF, timer and lightscene control.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.<br>• For remote control WaveLINE 6780.<br>• Switch-off delay: Adjustable between 10 s to 5 min. |                 |   |
|  | <b>6702-500</b>  | 2CKA006700A0023 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>2-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• For operation mode 2gang switch, 2 separate outputs.<br>• For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).<br>• For functions: ON/OFF and light scene control.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx |                 |   |
|   | <b>6703-500</b>  | 2CKA006700A0024 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Dimm Aktor WaveLINE</b><br>• For wireless switching and dimming of electrical loads.<br>• For functions ON/OFF, dimming and lightscene control.<br>• With soft ON/OFF function.<br>• With selectable light value storage.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx. |                 |   |
|   | <b>6704-500</b>  | 2CKA006700A0025 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Serien/Jalousieaktor WaveL</b><br>• For wireless switching of electrical loads.<br>• For driving and adjusting blinds/shutters and awnings over radio.<br>• Functions via radio control: 2gang switch, blind switch and light scene control.<br>• Functions via extension unit: 2gang switch, blind switch and send radio control telegram.<br>• Operation via conventional push button (2020 US/2021/6 UK) possible. |                 |   |
|   | <b>6705-101-500</b>  | 2CKA006700A0042 | 1 |


## pure stainless steel

### ZigBee Light Link inserts / control elements

| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>2-fach Binärein. WaveLINE</b></p> <ul style="list-style-type: none"> <li>Radio control telegrams are sent when the two extension units are activated with mains voltage (AC 230 V~).</li> <li>Operation via conventional push button (2020 US/2021/6 UK) possible.</li> <li>The 2gang binary input has 5 function modes:               <ol style="list-style-type: none"> <li>2-channel switching</li> <li>2-channel dimming</li> <li>1 channel blind</li> <li>Two-channel light scene control</li> <li>Channel 1: Switching ON<br/>Channel 2: Continuous switching ON/OFF</li> </ol> </li> </ul> | <b>6725-500</b> | 2CKA006720A0008 | 1        |

## pure stainless steel


### WaveLINE control elements

| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Wall-mounted transmitter WaveLINE <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/><b>1-channel</b></p> <p>1gang wall-mounted transmitter independent of mains power supply.<br/>With labelling field and labelling strip.<br/>For switching and dimming.<br/>For controlling blinds and light scenes.<br/>1 radio channel can be operated or up to 2 light scenes can be called up.<br/>For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.<br/>For LED display WaveLINE 6730-xxx.<br/>Compatible with WaveLINE KNX gateway TP-RF 6770.<br/>Send frequency: 868 MHz.<br/>Free-field range: approx. 100 m.<br/>Power supply: lithium button cell battery Type CR2032.<br/>Battery service life: typically 5 years, therefore practically maintenance-free.<br/>Automatic monitoring of battery life.<br/>Including fixing plate for mounting on smooth walls or on switch boxes.<br/>Surface painted.<br/>Control element: rocker switch left/right<br/>Display elements: LED to indicate the transmission<br/>Rated voltage: 3 V-<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6731-866-500</b> | 2CKA006730A0041 | 1/10     |
| stainless steel  | <b>6731-866-500</b> | 2CKA006730A0041 | 1/10     |

<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Surface painted.

|   |                     |                 |      |
|---|---------------------|-----------------|------|
|  <p><b>Wall-mounted transmitter WaveLINE <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/><b>2-channel</b></p> <p>2gang wall-mounted transmitter independent of mains power supply.<br/>With labelling field and labelling strip.<br/>For switching and dimming.<br/>For controlling blinds and light scenes.<br/>2 radio channels can be operated or up to 4 light scenes can be called up.<br/>For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.<br/>Send frequency: 868 MHz.<br/>Free-field range: approx. 100 m.<br/>Power supply: lithium button cell battery Type CR2032.<br/>Battery service life: typically 5 years, therefore practically maintenance-free.<br/>Automatic monitoring of battery life.<br/>Including fixing plate for mounting on smooth walls or on switch boxes.<br/>Surface painted.<br/>Control element: rocker switch left/right<br/>Display elements: LED to indicate the transmission<br/>Rated voltage: 3 V-<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6732-866-500</b> | 2CKA006730A0042 | 1/10 |
| stainless steel   | <b>6732-866-500</b> | 2CKA006730A0042 | 1/10 |


<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Surface painted.

## pure stainless steel


### ZigBee Light Link inserts / control elements


| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Wall-mounted transmitter WaveLINE <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>4-channel</b><br/>           4gang wall-mounted transmitter independent of mains power supply.<br/>           With labelling field and labelling strip.<br/>           For switching and dimming.<br/>           For controlling blinds and light scenes.<br/>           4 radio channels can be operated or up to 8 light scenes can be called up.<br/>           For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.<br/>           For LED display WaveLINE 6730-xxx.<br/>           Compatible with WaveLINE KNX gateway TP-RF 6770.<br/>           Send frequency: 868 MHz.<br/>           Free-field range: approx. 100 m.<br/>           Power supply: lithium button cell battery Type CR2032.<br/>           Battery service life: typically 5 years, therefore practically maintenance-free.<br/>           Automatic monitoring of battery life.<br/>           Including fixing plate for mounting on smooth walls or on switch boxes.<br/>           Surface painted.<br/>           Control element: rocker switch left/right<br/>           Display elements: LED to indicate the transmission<br/>           Rated voltage: 3 V-<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6733-866-500</b> | 2CKA006730A0043 | 1/10     |
| stainless steel  |                     |                 |          |


<sup>1)</sup> Battery included in delivery.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Surface painted.

|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>ZLL-Power supply insert</b></p> <ul style="list-style-type: none"> <li>• With electronic short-circuit protection.</li> <li>• With electronic overload protection.</li> <li>• For ZigBee Light Link control element 6735-xxx, 6736-xxx and 6737-xxx.</li> <li>• Without control cover.</li> <li>• Rated voltage: 230 V~, +10 % / -10 %</li> <li>• Secondary: 5 V-, +5 % / -5 %</li> </ul> | <b>6710 U-500</b> | 2CKA006710A0005 | 1 |
|---|-------------------|-----------------|---|


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>ZLL-Relay insert</b></p> <ul style="list-style-type: none"> <li>• 3 wire connection (neutral conductor required).</li> <li>• For switching retrofit LED lamps (LEDi).</li> <li>• For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.</li> <li>• Without control cover.</li> </ul> | <b>6711 U-500</b> | 2CKA006710A0006 | 1 |
|--|-------------------|-----------------|---|

|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>ZLL-Dimmer insert</b></p> <ul style="list-style-type: none"> <li>• Touch dimmer.</li> <li>• For wireless switching and dimming of electrical loads.</li> <li>• 3 wire connection (neutral conductor required).</li> <li>• Optimised for dimming of retrofit LED lamps (LEDi).</li> <li>• For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.</li> </ul> | <b>6715 U-500</b> | 2CKA006710A0007 | 1 |
|---|-------------------|-----------------|---|

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>ZLL-Plug-in unit Switch</b></p> <ul style="list-style-type: none"> <li>• Plug device for switching electric loads up to 1,380 W/VA.</li> <li>• Control of thermal positioners for heating control possible.</li> <li>• Not for electrical heating devices.</li> <li>• Connected load can be activated/deactivated via micro switch.</li> <li>• Send/receive frequency: 2.4 GHz.</li> </ul> | <b>6717-84-500</b> | 2CKA006710A0008 | 1        |

|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  <p><b>ZigBee Light Link control element <sup>1)</sup></b><br/> <b>1gang</b><br/>           For wireless switching and dimming of electrical loads.<br/>           For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br/>           In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br/>           In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 2 light scenes or dimming a light scene.<br/>           For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br/>           Push-button function: Switching/dimming/light scenes.<br/>           With labelling field.<br/>           Without enclosed labelling sheet.<br/>           Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>.<br/>           Send/receive frequency: 2.4 GHz.<br/>           Free-field range: approx. 100 m.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> | <b>6735-866</b> | 2CKA006730A0098 | 1 |
| stainless steel  |                 |                 |   |


<sup>1)</sup> Surface painted.

|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  <p><b>ZigBee Light Link control element <sup>1)</sup></b><br/> <b>2gang</b><br/>           For wireless switching and dimming of electrical loads.<br/>           For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br/>           In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br/>           In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 4 light scenes or dimming 2 light scenes.<br/>           For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br/>           With labelling field.<br/>           Without enclosed labelling sheet.<br/>           Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>.<br/>           Send/receive frequency: 2.4 GHz.<br/>           Free-field range: approx. 100 m.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> | <b>6736-866</b> | 2CKA006730A0104 | 1 |
| stainless steel  |                 |                 |   |


<sup>1)</sup> Surface painted.

## pure stainless steel


### WaveLINE control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ZigBee Light Link control element <sup>1)</sup><br/>4-gang</b>   |                 |          |
|   | For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 8 light scenes or dimming 4 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |          |
| stainless steel   | <b>6737-866</b>   | 2CKA006730A0110 | 1        |


<sup>1)</sup>Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>ZigBee Light Link wall-mounted transmitter <sup>1)</sup><br/>1-channel</b>   |                 |   |
|   | 1gang wall-mounted transmitter independent of mains power supply.<br>For the wireless remote control of other ZigBee Light Link radio components.<br>For saving and calling up 2 light scenes.<br>For dimming a light scene.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br>Battery service life: typically 3 years.<br>Automatic monitoring of battery life.<br>Including fixing plate for mounting on smooth walls or on switch boxes.<br>Rated voltage: 3 V-<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |   |
| stainless steel   | <b>6735/01-866</b>  | 2CKA006730A0116 | 1 |

<sup>1)</sup>Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link wall-mounted transmitter <sup>1)</sup><br/>2-channel</b>  |                 |          |
|   | 2gang wall-mounted transmitter independent of mains power supply.<br>For the wireless remote control of other ZigBee Light Link radio components.<br>For saving and calling up 4 light scenes.<br>For dimming 2 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br>Battery service life: typically 3 years.<br>Automatic monitoring of battery life.<br>Including fixing plate for mounting on smooth walls or on switch boxes.<br>Rated voltage: 3 V-<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |          |
| stainless steel   | <b>6736/01-866</b>   | 2CKA006730A0122 | 1        |


<sup>1)</sup>Surface painted.

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>ZigBee Light Link wall-mounted transmitter <sup>1)</sup><br/>4-channel</b>  |                 |   |
|   | 4gang wall-mounted transmitter independent of mains power supply.<br>For the wireless remote control of other ZigBee Light Link radio components.<br>For saving and calling up 8 light scenes.<br>For dimming 4 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br>Battery service life: typically 3 years.<br>Automatic monitoring of battery life.<br>Including fixing plate for mounting on smooth walls or on switch boxes.<br>Rated voltage: 3 V-<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |   |
| stainless steel   | <b>6737/01-866</b>   | 2CKA006730A0128 | 1 |


<sup>1)</sup>Surface painted.


## pure stainless steel


### Accessories

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Extension of claws <sup>1)</sup></b><br>For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes.<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2148</b>   | 2CKA002148A0120 | 100      |


<sup>1)</sup> Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Braille symbol</b><br>self-adhesive (transparent) for cover 2506-xxx<br>Protection class (Device): IP 20 |                 |          |
|   | <b>light</b>  |                 |          |
|   | <b>2144 LI</b>  | 2CKA001714A0295 | 10/1000  |
|   | <b>bell</b>   |                 |          |
|   | <b>2144 KI</b>  | 2CKA001714A0296 | 10/1000  |
|   | <b>key</b>  |                 |          |
|   | <b>2144 TR</b>  | 2CKA001714A0297 | 10/1000  |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Braille symbol socket outlet</b><br>self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2144 ST</b>  | 2CKA001714A0298 | 10/1000  |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>DIN A 4 labelling sheet <sup>1)</sup></b><br><b>plastic foil</b><br>Suitable for all to be labeled Busch-Jaeger devices.<br>For laser printer.<br>The text of the foil is printed via the Busch-Jaeger labeling service.<br>Dimensions: (L x W x D): 297 mm |                 |          |
|   | translucent <b>1799/02</b>   | 2CKA001799A0959 | 1        |
|   | transparent <b>1799/03</b>   | 2CKA001799A0960 | 1        |


<sup>1)</sup> 1 piece = 1 sheet.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>RC suppressor</b><br>For protection against the damage or destruction of electronic devices due to overvoltages.<br>For wiring network-interconnected inductivities (e.g., relay, protection, fluorescent lamps, transformers, etc.).<br>Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.<br>Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz |                 |          |
|   | <b>6899</b>   | 2CKA006899A0231 | 10       |


### Cover frames

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup></b><br><b>1gang frame</b><br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 80 mm x 80 mm x 11 mm |                 |          |
| stainless steel   | <b>1721-866K-500</b>   | 2CKA001754A4500 | 10/100   |


<sup>1)</sup> Suitable for installation in trunking systems with 80 mm conduit.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup></b><br><b>2gang frame</b><br>For vertical or horizontal installation.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 151 mm x 80 mm x 11 mm |                 |          |
| stainless steel   | <b>1722-866K-500</b>  | 2CKA001754A4501 | 10/100   |


<sup>1)</sup> Suitable for installation in trunking systems with 80 mm conduit.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup></b><br><b>3gang frame</b><br>For vertical or horizontal installation.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm |                 |          |
| stainless steel   | <b>1723-866K</b>  | 2CKA001754A4319 | 10       |

<sup>1)</sup> Suitable for installation in trunking systems with 80 mm conduit.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup></b><br><b>4gang frame</b><br>For vertical or horizontal installation.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm |                 |          |
| stainless steel   | <b>1724-866K</b>  | 2CKA001754A4320 | 1        |

<sup>1)</sup> Suitable for installation in trunking systems with 80 mm conduit.

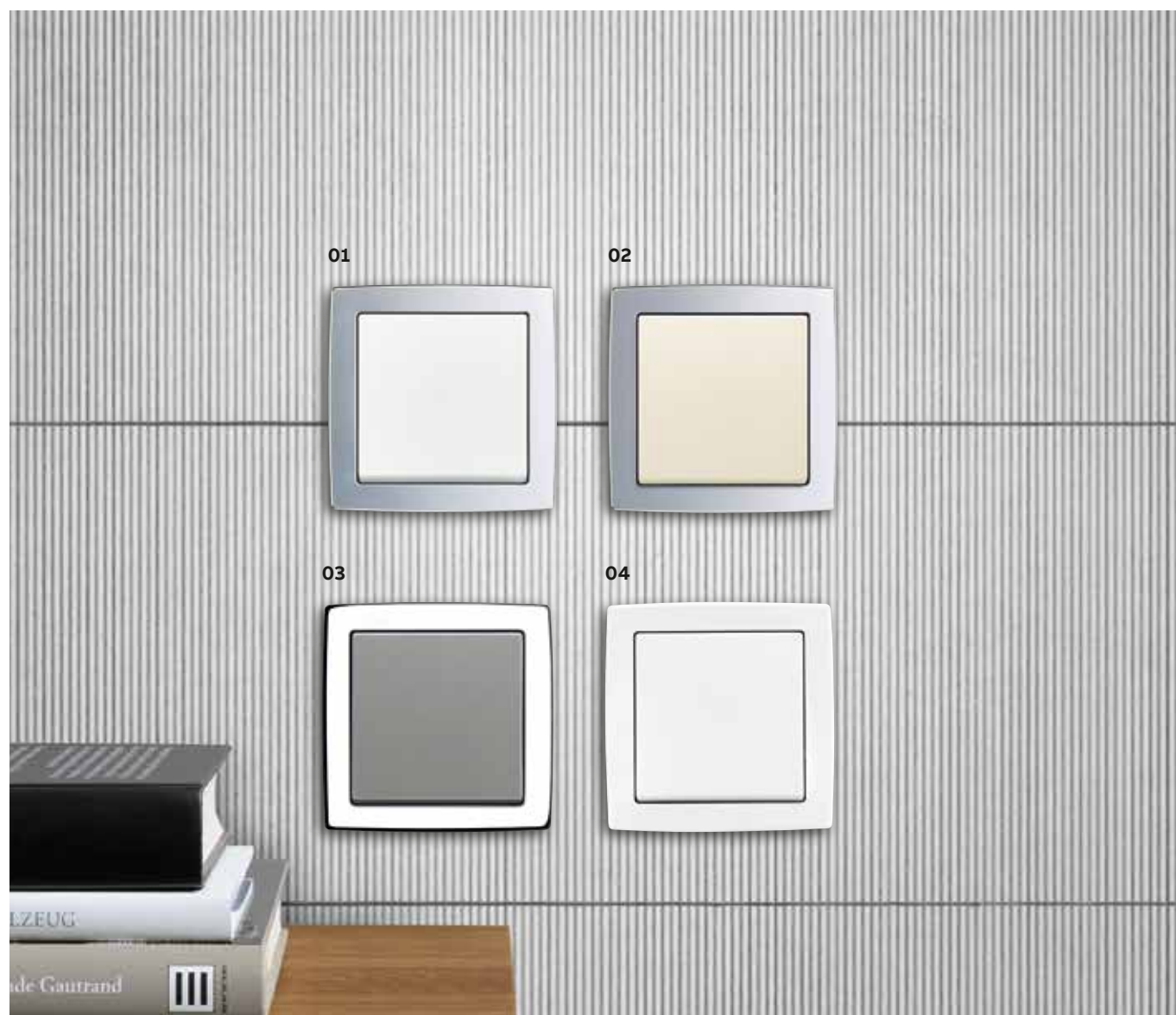
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup></b><br><b>5gang frame</b><br>For vertical or horizontal installation.<br>Material stainless steel.<br>Anti fingerprint.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 394 mm x 80 mm x 11 mm |                 |          |
| stainless steel   | <b>1725-866K</b>  | 2CKA001754A4321 | 1        |

<sup>1)</sup> Suitable for installation in trunking systems with 80 mm conduit.

# solo®

## Touching beauty.

Delicate shades of the cover-plates and cool chrome come together. Natural attraction. They make a harmonious unit. Let solo® switches and socket outlets shine. They will become a significant design piece of any interior. Beauty which touches every day.



- 01 studio white (similar to RAL 9016) / chrome matt
- 02 ivory (similar to RAL 9013) / chrome matt
- 03 grey metallic / chrome gloss
- 04 studio white (similar to RAL 9016) / studio white

#### Materials

Cover: thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.

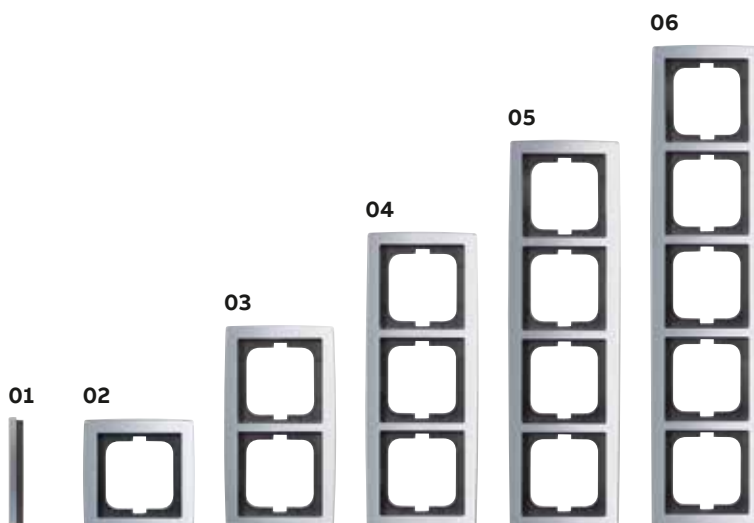


## solo®

Selected functions.



- |    |  |    |   |
|----|--|----|---|
| 01 | Rocker switch 1gang  | 12 | Busch-Blind control switch with semi-cylindrical lock   |
| 02 | Rocker switch 2gang  | 13 | Busch-Blind   |
| 03 | Busch Universal Rotary Dimmer                                      | 14 | Comfort timer   |
| 04 | Touch dimmer   | 15 | Room thermostat with display  |
| 05 | Busch-Comfort switch   | 16 | Busch-Infoline® alarm insert  |
| 06 | Busch-steplight®   | 17 | Busch-Radio DAB+  |
| 07 | Busch-Protector® SCHUKO® socket outlet with overvoltage protection | 18 | Antenna socket for radio/TV/satellite   |
| 08 | SCHUKO® USB socket outlet, 2x USB A                                | 19 | Universal data connection box   |
| 09 | Socket outlet with earthing pin                                    | 20 | Stereo loudspeaker connecting box   |
| 10 | Switched socket outlet BS standard                                 | 21 | KNX sensor, for more KNX products see part 12 of the catalogue - Intelligent Building Solutions |
| 11 | Blind switch with rotary knob                                      |    |   |



1 to 5gang cover frame for horizontal and vertical installation.


- |    |                          |
|----|--------------------------|
| 01 | Side view, 11 mm x 87 mm |
| 02 | 87 mm x 87 mm            |
| 03 | 87 mm x 157 mm           |
| 04 | 87 mm x 228 mm           |
| 05 | 87 mm x 299 mm           |
| 06 | 87 mm x 370 mm           |



For more information about light switch ranges visit ABB global web sites.

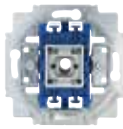
solo®

## Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>1gang 2way</b>   |                 |          |
|   | <b>2000/6 US-500</b>  | 2CKA001012A2198 | 10/100   |
|   | <b>2gang 1way</b>   |                 |          |
|   | <b>2000/5 US-500</b>  | 2CKA001012A1150 | 10/100   |
|   | <b>DP, 1gang 2way <sup>2)</sup></b>   |                 |          |
|   | <b>2000/6/2 US</b>  | 2CKA001012A0954 | 10       |
|   | <b>1gang</b>  |                 |          |
|   | <b>2000/7 US-500</b>  | 2CKA001012A2199 | 10/100   |
|   | <b>DP, 1gang 1way</b>   |                 |          |
| <b>2000/2 US-500</b>  | 2CKA001012A2196   | 10/100          |          |
| <b>SP, 1gang 1way switch</b>  |   |                 |          |
| <b>2000/1 US-500</b>  | 2CKA001012A2059   | 10/100          |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> With screw-type terminals. Non-illuminable.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>Switch-off and two-way circuit 16 A</b>  |                 |        |
|   | <b>2400/6 US-500</b>  | 2CKA001012A2232 | 10/100 |
|   | <b>2gang switch 16 A</b>  |                 |        |
|   | <b>2400/5 US-500</b>  | 2CKA001012A2234 | 10     |
|   | <b>1gang intermediate 16 A</b>  |                 |        |
|   | <b>2400/7 US-500</b>  | 2CKA001012A2236 | 10     |

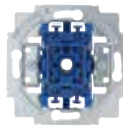
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>2gang 2way</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/6/6US-101-500</b>   | 2CKA001011A0928 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>Changeover/changeover circuit 16 A</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2400/6/6US-101-500</b>   | 2CKA001022A0663 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>DP, 1gang 1way</b><br>For switching high loads.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/2 US-101-500</b>  | 2CKA001012A2193 | 10/100 |

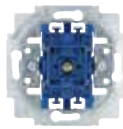
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Also for switching SCHUKO® socket outlets.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>3-pole, 1gang 1way switch</b><br>Rated voltage: 400 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2000/3 US</b>  | 2CKA001011A0816 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> With screw-type terminals. Non-illuminable.

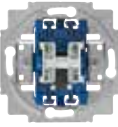
|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>1gang 2way <sup>2)</sup></b>  |                 |        |
|   | <b>2000/6 USGL-500</b>   | 2CKA001012A2194 | 10/100 |
|   | <b>2gang 1way</b>  |                 |        |
|   | <b>2000/5 USGL</b>   | 2CKA001012A1135 | 10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

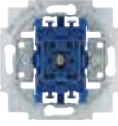
<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

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## Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker Switch Mechanism, control <sup>1)</sup></b><br><b>2gang switch with N-clamp 16 A</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2400/5 USK-500</b>  | 2CKA001012A2238 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>1gang 2way with N-terminal</b>   |                 |        |
|   | <b>2000/6 USK-500</b>   | 2CKA001022A0659 | 10/100 |
|   | <b>DP, 1gang 1way</b>   |                 |        |
|   | <b>2000/2 UK</b>  | 2CKA001022A0656 | 10     |

<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br><b>Switch-off and two-way circuit with N-clamp 16 A</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2400/6 USK-500</b>  | 2CKA001022A0661 | 10 |


<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Push-switch mechanism <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-500</b>   | 2CKA001413A0574 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Push-switch mechanism <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>With 2 independent signalling contacts.<br>Rated voltage: 250 V~<br>Inputs: 1<br>Outputs: 1<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2020 US-201</b>   | 2CKA001413A0483 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Push-switch mechanism <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>With illumination.<br>With N terminal.<br>Rated voltage: 250 V~, Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 USGL-500</b>   | 2CKA001413A1106 | 10/100 |

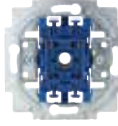
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

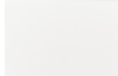
<sup>3)</sup> For relay and touch dimmer applications.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Push-switch mechanism <sup>1)</sup></b><br>With one input terminal and 2 actuating covers.<br>Rated voltage: 250 V~<br>Inputs: 1<br>Outputs: 2x Normally open contact<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-205-500</b>   | 2CKA001413A1105 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism <sup>1)</sup></b><br><b>SP, 1gang 2way</b><br>Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).<br>With N terminal.<br>Rated voltage: 250 V~, Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-206-500</b>  | 2CKA001413A1104 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |  |  |
|---|--|--|--|
|  | <b>Rocker</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Protection class (Device): IP 20 |  |  |
|---|--|--|--|

|                             |                     |                 |        |
|-----------------------------|---------------------|-----------------|--------|
| ivory white                 | <b>1786-82-500</b>  | 2CKA001751A3083 | 10/100 |
| studio white                | <b>1786-84-500</b>  | 2CKA001751A3074 | 10/100 |
| grey metallic <sup>1)</sup> | <b>1786-803-500</b> | 2CKA001751A3093 | 10/100 |


<sup>1)</sup> Surface painted.

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## Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1785-82</b>   | 2CKA001751A2744 | 10/100   |
| studio white  | <b>1785-84-500</b>   | 2CKA001751A3076 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1785-803</b>  | 2CKA001751A3018 | 10/100   |


<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker</b><br>As a cover for flush-mounted control 2gang switch.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1785 K-82-500</b>  | 2CKA001751A3124 | 10 |
| studio white  | <b>1785 K-84-500</b>  | 2CKA001751A3128 | 10 |
| grey metallic <sup>1)</sup>   | <b>1785 K-803-500</b>   | 2CKA001751A3130 | 10 |


<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker with small red spherical cap</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1789-82</b>  | 2CKA001751A2813 | 10     |
| studio white  | <b>1789-84-500</b>  | 2CKA001751A3091 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1789-803</b>   | 2CKA001751A3013 | 10     |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker with small transparent lens</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1789 N-82</b>   | 2CKA001751A3148 | 10/100 |
| studio white  | <b>1789 N-84-500</b>   | 2CKA001751A3151 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1789 N-803</b>  | 2CKA001751A3146 | 10/100 |


<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Plug< icon.<br>As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O"<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1789 ST-82</b>   | 2CKA001751A3158 | 10/100 |
| studio white  | <b>1789 ST-84-500</b>   | 2CKA001751A3161 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1789 ST-803</b>  | 2CKA001751A3156 | 10/100 |


<sup>1)</sup>Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>With >Light< icon.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>2520 LI-82</b>  | 2CKA001751A3187 | 10/100   |
| studio white  | <b>2520 LI-84-500</b>  | 2CKA001751A3190 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>2520 LI-803</b>   | 2CKA001751A3185 | 10/100   |


<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Switch rocker with marking</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>2520 TR-82</b>   | 2CKA001751A3197 | 10/100 |
| studio white  | <b>2520 TR-84</b>   | 2CKA001751A3199 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>2520 TR-803</b>  | 2CKA001751A3195 | 10/100 |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>2520 KI-82</b>  | 2CKA001751A3177 | 10/100 |
| studio white  | <b>2520 KI-84-500</b>  | 2CKA001751A3180 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>2520 KI-803</b>   | 2CKA001751A3175 | 10/100 |

<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Light< icon.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1789 LI-82</b>  | 2CKA001751A2745 | 10     |
| studio white  | <b>1789 LI-84-500</b>  | 2CKA001751A3084 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1789 LI-803</b>   | 2CKA001751A3014 | 10     |


<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1789 TR-82</b>   | 2CKA001751A2747 | 10 |
| studio white  | <b>1789 TR-84</b>   | 2CKA001751A2755 | 10 |
| grey metallic <sup>1)</sup>   | <b>1789 LI-803</b>  | 2CKA001751A3014 | 10 |


<sup>1)</sup>Surface painted.

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## Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1789 KI-82</b>  | 2CKA001751A2746 | 10       |
| studio white  | <b>1789 KI-84</b>  | 2CKA001751A2754 | 10       |
| grey metallic <sup>1)</sup>   | <b>1789 KI-803</b>   | 2CKA001751A3015 | 10       |


<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker <sup>1)</sup> <sup>2)</sup> with labelling field</b><br>With >Bell< icon.<br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1764 NLI/KI-82</b>   | 2CKA001731A3999 | 10/100 |
| studio white  | <b>1764 NLI/KI-84-500</b>   | 2CKA001731A4002 | 10/100 |
| grey metallic <sup>3)</sup>   | <b>1764 NLI/KI-803</b>  | 2CKA001731A3997 | 10/100 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.<sup>3)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker <sup>1)</sup> <sup>2)</sup> with labelling field</b><br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1764 NLI-82</b>  | 2CKA001731A1876 | 10     |
| studio white  | <b>1764 NLI-84</b>  | 2CKA001731A1877 | 10/100 |
| grey metallic <sup>3)</sup>   | <b>1764 NLI/KI-803</b>  | 2CKA001731A3997 | 10/100 |

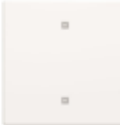
<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.<sup>3)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With imprint >0< and >1<.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1788-82</b>   | 2CKA001751A2742 | 10     |
| studio white  | <b>1788-84</b>   | 2CKA001751A2750 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1788-803</b>  | 2CKA001751A3017 | 10     |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With >Heating< imprint.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1789 H-82</b>  | 2CKA001751A2743 | 10       |
| studio white  | <b>1789 H-84</b>  | 2CKA001751A2751 | 10       |
| grey metallic <sup>1)</sup>   | <b>1789 H-803</b>   | 2CKA001751A3019 | 10       |


<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker el. push-switch. |                 |    |
| ivory white   | <b>2570-10-82</b>   | 2CKA001751A3263 | 10 |
| studio white  | <b>2570-10-84</b>   | 2CKA001751A3258 | 10 |
| grey metallic <sup>1)</sup>   | <b>2570-10-803</b>  | 2CKA001751A3264 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 2g el. push-switch. |                 |    |
| ivory white   | <b>2570-20-82</b>  | 2CKA001751A3274 | 10 |
| studio white  | <b>2570-20-84</b>  | 2CKA001751A3269 | 10 |
| grey metallic <sup>1)</sup>   | <b>2570-20-803</b>   | 2CKA001751A3275 | 10 |

<sup>1)</sup>Surface painted.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 3g el. push-switch. |                 |    |
| ivory white   | <b>2570-30-82</b>  | 2CKA001751A3285 | 10 |
| studio white  | <b>2570-30-84</b>  | 2CKA001751A3280 | 10 |
| grey metallic <sup>1)</sup>   | <b>2570-30-803</b>   | 2CKA001751A3286 | 10 |


<sup>1)</sup>Surface painted.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>El. push-switch insert. |                 |    |
|   | 2051 U   | 2CKA001413A1115 | 10 |

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## Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch insert 2g. |                 |          |
|   | <b>2052 U</b>  | 2CKA001413A1116 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch ins. 3g. |                 |    |
|   | <b>2053 U</b>  | 2CKA001413A1117 | 10 |


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate</b><br>For card switch.<br>For insert 2025 U.<br>Suitable for cards sized 54 x 86 mm.<br>The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated.<br>Protection class (Device): IP 20 |                 |    |
| ivory white  | <b>1792-82</b>   | 2CKA001710A3640 | 10 |
| studio white   | <b>1792-84</b>   | 2CKA001710A3641 | 10 |
| grey metallic <sup>1)</sup>  | <b>1789 H-803</b>  | 2CKA001751A3019 | 10 |

<sup>1)</sup>Surface painted.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Card switch 10 A <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>Illuminable.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1 |                 |    |
|   | <b>2025 U</b>   | 2CKA001012A1713 | 10 |


|                                    |   |
|------------------------------------|---|
| <b>Mounting boxes:</b>             | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |
| <b>2gang product combinations:</b> | 2gang combination with adapter plate APBS in Dual Box only. |
| <b>delivery form:</b>              | Adapter plate APBS to be ordered separate.                  |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate, card switch RFID. |                 |    |
| ivory white   | <b>1792 RFID-84</b>  | 2CKA001710A4127 | 10 |
| studio white  | <b>1792 RFID-82</b>  | 2CKA001710A4132 | 10 |
| grey metallic <sup>1)</sup>   | <b>1792 RFID-803</b>   | 2CKA001710A4133 | 10 |

<sup>1)</sup>Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>Card switch insert RFID. |                 |          |
|   | <b>2025 RFID U</b>  | 2CKA001012A2242 | 10       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br><b>DO NOT DISTURB</b><br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1786/11-82</b>   | 2CKA001751A2997 | 10 |
| studio white  | <b>1786/11-84</b>   | 2CKA001751A2998 | 10 |
| grey metallic <sup>1)</sup>   | <b>1786/11-803</b>  | 2CKA001751A3206 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br><b>DO NOT DISTURB</b><br><b>MAKE UP ROOM</b><br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1785/11-82</b>  | 2CKA001751A2991 | 10 |
| studio white  | <b>1785/11-84</b>  | 2CKA001751A2992 | 10 |
| grey metallic <sup>1)</sup>   | <b>1785/11-803</b>   | 2CKA001751A3204 | 10 |

<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch rocker with marking</b><br>As cover for flush-mounted rocker control switch insert, DND/MUR.<br><b>DO NOT DISTURB</b><br><b>MAKE UP ROOM</b><br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1785/11 K-82</b>  | 2CKA001751A3214 | 10 |
| studio white  | <b>1785/11 K-84</b>  | 2CKA001751A3209 | 10 |
| grey metallic <sup>1)</sup>   | <b>1785/11 K-803</b>   | 2CKA001751A3215 | 10 |

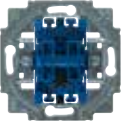
<sup>1)</sup>Surface painted.

|   |                      |                 |    |
|---|----------------------|-----------------|----|
|  | <b>S</b><br><b>A</b> |                 |    |
| ivory white   | <b>2058-24-84</b>    | 2CKA001751A3220 | 10 |
| studio white  | <b>2058-24-82</b>    | 2CKA001751A3225 | 10 |
| grey metallic <sup>1)</sup>   | <b>2058-24-803</b>   | 2CKA001751A3226 | 10 |

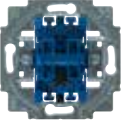
<sup>1)</sup>Surface painted.

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## Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker switch insert DND/MUR 1)</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W,<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2028 UK</b>  | 2CKA001012A2240 | 10/100   |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker switch insert DND/MUR 1)</b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2028/12 UK</b>   | 2CKA001012A2241 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Flush Mounted Inserts</b><br>El. push-switch DND/MUR. |                 |        |
|   | <b>2058 UK</b>   | 2CKA001413A1114 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Bell push-switch DND/MUR 230 V 1)</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |   |
| ivory   | <b>2029 UC-82</b>  | 2CKA001751A3168 | 1 |
| studio white  | <b>2029 UC-84</b>  | 2CKA001751A3170 | 1 |
| grey metallic <sup>2)</sup>   | <b>2029 UC-803</b>   | 2CKA001751A3166 | 1 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Surface painted.

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Bell push-switch DND/MUR 24 V 1)</b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |   |
| ivory   | <b>2029/12 UC-82</b>   | 2CKA001751A3236 | 1 |
| studio white  | <b>2029/12 UC-84</b>   | 2CKA001751A3231 | 1 |
| grey metallic <sup>2)</sup>   | <b>2029/12 UC-803</b>  | 2CKA001751A3237 | 1 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Bell push-switch DND/MUR. |                 |          |
| ivory   | <b>2059 UC-84</b>   | 2CKA001751A3240 | 1        |
| studio white  | <b>2059 UC-82</b>   | 2CKA001751A3245 | 1        |
| grey metallic <sup>2)</sup>   | <b>2059 UC-803</b>  | 2CKA001751A3246 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Pull switch 1)</b><br><b>SP, with normally open contact (operating current)</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
|   | <b>2020/01 US-101</b>   | 2CKA001413A1112 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Pull switch 1)</b><br><b>SP, break contact</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
|   | <b>2020/10 US-101</b>  | 2CKA001413A1111 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker</b><br><b>open for red pull switch neon indicator</b><br>For pull switch 2020/xx US.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1720-82</b>   | 2CKA001731A1915 | 10 |
| studio white  | <b>1720-84</b>   | 2CKA001731A1916 | 10 |

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## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup><br/>for pull switch 2610/6 UC-xx, 2610/6 UJ-xx</b><br>With screw-type terminal<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1796-82</b>  | 2CKA001753A0309 | 10       |
| studio white  | <b>1796-84</b>  | 2CKA001753A0311 | 10       |
| grey metallic <sup>2)</sup>   | <b>1796-803</b>   | 2CKA001753A0307 | 10       |


<sup>1)</sup> Exchanging the available cover/cover plate.<sup>2)</sup> Surface painted.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup><br/>SP, with zero position</b><br>With zero position.<br>Rated voltage: 250 V~.<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2710 U</b>  | 2CKA001101A0918 | 1/10 |


<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup><br/>SP, without zero position</b><br>Without zero position.<br>Rated voltage: 250 V~.<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2710/1 U</b>  | 2CKA001101A0919 | 1/10 |

<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate<br/>with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch.<br>With zero position.<br>For insert 2710 U.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>2542 DR/01-82</b>  | 2CKA001710A3645 | 10 |
| studio white  | <b>2542 DR/01-84</b>  | 2CKA001710A3646 | 10 |
| grey metallic <sup>1)</sup>   | <b>2542 DR/01-803</b>   | 2CKA001710A4125 | 10 |


<sup>1)</sup> Surface painted.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate<br/>with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch.<br>Without zero position.<br>For insert 2710/1 U.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>2542 DR/02-82</b>   | 2CKA001710A3650 | 10 |
| studio white  | <b>2542 DR/02-84</b>   | 2CKA001710A3651 | 10 |
| grey metallic <sup>1)</sup>   | <b>2542 DR/02-803</b>  | 2CKA001710A4126 | 10 |

<sup>1)</sup> Surface painted.

## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Comprising Friends of Hue smart switch insert</b><br>Comprising 2gang rocker 6736 FoH-8xx for Friends of Hue smart switch. Consisting of 1gang future® linear cover frames. Comprising fixing plate and intermediate ring. Smarter light switches for wireless remote control of Philips Hue lamps For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<.<br>Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. |                 |          |
|   | <b>6716 UJ-84-500</b>   | 2CKA006710A0011 | 1        |
|   | <b>6716 UJ-885-500</b>  | 2CKA006710A0018 | 1        |


|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Friends of Hue smart switch insert<br/>Wall-mounted transmitter, 2 / 4 channel.</b><br>For smart switch rockers 6735 BT-8xx and 6736 FoH-8xx. Smarter light switches for wireless remote control of Philips Hue lamps. For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<.<br>Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology.<br>Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear.<br>Can be mounted freely in the room with the enclosed adhesive tape and fixing plate.<br>Including fixing plate for mounting on smooth walls or on switch boxes. |                 |   |
|  | <b>6716 U-500</b>   | 2CKA006710A0014 | 1 |
| BT smart switch set white  | <b>6716/01 UJ-84-500</b>  | 2CKA006730A0156 | 1 |
| BT smart switch set black  | <b>6716/01 UJ-885-500</b>   | 2CKA006730A0157 | 1 |
| BT smart switch insert (SF)  | <b>6716 UBT</b>   | 2CKA006710A0015 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>1gang rocker for Friends of Hue and Bluetooth (Casambi)</b><br>Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. |                 |   |
| beige   | <b>6735 BT-82</b>  | 2CKA006730A0143 | 1 |
| white   | <b>6735 BT-84</b>  | 2CKA006730A0145 | 1 |
| grey  | <b>6735 BT-803</b>   | 2CKA006730A0146 | 1 |



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## Dimmers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br>For Friends of Hue smart switch insert 6716 U-500.<br>Combinable with the Busch-Jaeger switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. |                 |          |
| ivory white   | <b>6736 FoH-82</b>   | 2CKA006730A0134 | 1        |
| studio white  | <b>6736 FoH-84</b>   | 2CKA006730A0136 | 1        |
| grey metallic <sup>1)</sup>   | <b>6736 FoH-803</b>  | 2CKA006730A0137 | 1        |

<sup>1)</sup> Surface painted.**Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> <sup>7)</sup> <sup>8)</sup> <sup>9)</sup>  
Flush-mounted, LED, 2-100 W**

With rotary control, two-way switch and soft-catch.  
2-wire connection (neutral conductor not required)  
Optimised for dimming of retrofit LED lamps (LEDi).  
For dimmable Retrofit-LEDs (LEDi).  
For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.  
For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.  
Mix operator of LEDi with conventional loads possible.  
Via mode switch adjustable between leading edge control and trailing edge control.  
Low-noise level by MOSFET transistors.  
With electronic short-circuit protection.  
With electronic overload protection.  
With adjustable minimum brightness.  
Without cover plate.  
Rated voltage: 230 V~, + 10% / - 10%  
Rated frequency: 50 Hz/60 Hz  
Nominal power: 2 - 100 W/VA (retrofit LED loads).  
Nominal power: 10 - 250 W/VA (non-LED loads).  
Protection class (Device): IP 20  
Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1

**6523 U-102-500** 2CKA006512A0335 1/10

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> <sup>7)</sup> <sup>8)</sup> <sup>9)</sup><br/>UP, LED, 2-400 W</b><br>Very small installation depth: < 20 mm<br>Without claws.<br>With rotary control, two-way switch and soft-catch.<br>2-wire connection (neutral conductor not required)<br>Optimised for dimming of retrofit LED lamps (LEDi).<br>For dimmable Retrofit-LEDs (LEDi).<br>For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br>Mix operator of LEDi with conventional loads possible.<br>With manually adjustable operating mode: trailing / leading edge control.<br>With adjustable minimum/maximum brightness.<br>Low-noise level by MOSFET transistors.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Without cover plate.<br>Rated voltage: 230 V~, + 10% / - 10%<br>Rated frequency: 50 Hz/60 Hz<br>Nominal power: 2 - 100 W/VA (leading edge control)<br>Nominal power: 2 - 400 W/VA (trailing edge control)<br>Protection class (Device): IP 20<br>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>6523 UR-103-500</b>   | 2CKA006512A0345 | 1/10     |

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

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Dimmers

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

**Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup>****UP, RL, 200-700 W**

With rotary control, 2way On-Off switching and soft-catch.

Leading Edge control.

For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.

Short-circuit-proof, overload-protected.

With adjustable minimum brightness.

Without cover plate.

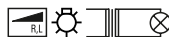
Without claws.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Rated power: 200 - 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

**6520 U-500**

2CKA006520A0227

1/10

<sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.

<sup>3)</sup> Provided with terminal for net disconnection devices.

<sup>4)</sup> Also applicable for 1gang 2way installations.

<sup>5)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>6)</sup> Should be mounted in a separate wallbox.

**Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup>****flush mounted, 1-10V**

With rotary control.

For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.

For LED control via control gears

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Rated power: 700 W/VA

IEC 60669-2-1, British Standard EN 60669-2-1

**2112 U-101-500**

2CKA006599A2873

1/10

<sup>1)</sup> Non-illuminable.

<sup>2)</sup> Use cover plates 2115 J-.../2115-.../6540-...

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Making-current limiters have to be provided in case of too high making currents.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

**Busch-rotary dimmer <sup>1)</sup>****Flush-mounted, DALI, tunable white**

For DALI broadcast service (via central telegram).

For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation.

Fool proved.

For changing the colour temperature of >tunable white< lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).

Colour temperature can then be set between 2,700 K - 6,500 K.

Brightness power-on level and background brightness level adjustable, buffered.

With integrated LED illumination for orientation.

Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel.

Max. current consumption: 15 mA.

Not suitable for combining with other DALI sensors or central units of other manufacturers.

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic,

Philips, Helvar or BJE article no. 2116/11 U.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).

Without cover plate.

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °C

**2116 U**


2CKA006599A3025

1



<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

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Dimmers

| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, with internal power supply, tunable white</b><br/> For DALI broadcast service (via central telegram).<br/> With integrated DALI power adaptor.<br/> For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/> With rotary control and ON/OFF push operation.<br/> For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/> Colour temperature can then be set between 2,700 K - 6,500 K.<br/> With electronic short-circuit protection.<br/> With electronic overload protection.<br/> Brightness power-on level and background brightness level adjustable, buffered.<br/> With integrated LED illumination for orientation.<br/> Color of orientation light adjustable (18 presets and OFF).<br/> Up to 5 potentiometers are connectable in parallel.<br/> Up to 3 potentiometers are connectable in parallel in active mode.<br/> Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/> DALI-voltage: 15,5 V=<br/> Rated current: max. 75 mA<br/> Power consumption: &lt; 2,5 W<br/> Number of DALI-units:<br/> 37 in case of one active power-potentiometer<br/> in case of three active power-potentiometer in parallel connection: 111<br/> Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/> Passive mode: the potentiometer is suitable as additional operation point.<br/> Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/> Without cover plate.<br/> Rated voltage: 230 V~, +10 % / -10 %<br/> Rated frequency: 50 Hz - 60 Hz<br/> Protection class (Device): IP 20<br/> Temperature range (Device): 0 °C to 35 °C</p> | <b>2116/11 U</b> | 2CKA006599A3026 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.          | Order-No.       | Pack/Qty |
|--|----------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI</b><br/> For DALI broadcast service (via central telegram).<br/> For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/> With rotary control and ON/OFF push operation.<br/> Fool proved.<br/> Brightness power-on level and background brightness level adjustable, buffered.<br/> With integrated LED illumination for orientation.<br/> Color of orientation light adjustable (18 presets and OFF).<br/> Up to 5 potentiometers are connectable in parallel.<br/> Max. current consumption: 15 mA.<br/> Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/> An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.<br/> Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/> Without cover plate.<br/> Protection class (Device): IP 20<br/> Temperature range (Device): 0 °C to 35 °C</p>  | <b>2117 U-500</b>    | 2CKA006599A2987 | 1        |
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI, with internal power supply</b><br/> For DALI broadcast service (via central telegram).<br/> With integrated DALI power adaptor.<br/> For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/> With rotary control and ON/OFF push operation.<br/> With electronic short-circuit protection.<br/> With electronic overload protection.<br/> Brightness power-on level and background brightness level adjustable, buffered.<br/> With integrated LED illumination for orientation.<br/> Color of orientation light adjustable (18 presets and OFF).<br/> Up to 5 potentiometers are connectable in parallel.<br/> Up to 3 potentiometers are connectable in parallel in active mode.<br/> Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/> DALI-voltage: 15,5 V=<br/> Rated current: max. 75 mA<br/> Power consumption: &lt; 2,5 W<br/> Number of DALI-units:<br/> 37 in case of one active power-potentiometer<br/> in case of three active power-potentiometer in parallel connection: 111<br/> Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/> Passive mode: the potentiometer is suitable as additional operation point.<br/> Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/> Without cover plate.<br/> Rated voltage: 230 V~, +10 % / -10 %<br/> Rated frequency: 50 Hz - 60 Hz<br/> Protection class (Device): IP 20<br/> Temperature range (Device): 0 °C to 35 °C</p> | <b>2117/11 U-500</b> | 2CKA006599A2988 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

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## Dimmers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> with rotary knob, with indication lamp</b><br>Elevated knob.<br>With transparent luminous ring.<br>For Busch-Dimmer®.<br>For inserts<br>2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/<br>6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U. |                 |          |
| ivory white   | <b>6540-82-102</b>   | 2CKA006599A2951 | 10/100   |
| studio white  | <b>6540-84-102-500</b>   | 2CKA006599A3009 | 10/100   |
| grey metallic <sup>2)</sup>   | <b>6540-803-102</b>  | 2CKA006599A2980 | 10       |

<sup>1)</sup> Replacement neon lamp, Art. No. 3855.<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Control element <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with neon lamp</b><br>Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U. |                 |          |
| ivory white   | <b>6543-82-101</b>   | 2CKA006599A2831 | 1/10     |
| studio white  | <b>6543-84-101-500</b>   | 2CKA006599A3010 | 1/10     |
| grey metallic <sup>4)</sup>   | <b>6543-803-101</b>  | 2CKA006599A2942 | 1/10     |


<sup>1)</sup> Compatible with previous type 6543-xxx.<sup>2)</sup> Touch-type Controller 6550 U-xxx non-illuminable.<sup>3)</sup> Replacement neon lamp 3857.<sup>4)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for cooling element</b><br>For Busch-Universal master dimmer power module 6594 U.<br>For KNX room temperature controller object 6109/08. |                 |          |
| ivory white   | <b>6541-82</b>  | 2CKA006599A2832 | 10       |
| studio white  | <b>6541-84</b>  | 2CKA006599A2835 | 10       |
| grey metallic <sup>1)</sup>   | <b>6541-803</b>   | 2CKA006599A2940 | 10       |

<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> FM, LED, 3-240 VA</b><br>2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>64851 U-500</b>   | 2CKA006500A0013 | 1        |






<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)<sup>4)</sup> Recommendation: Please use loads and types of one producer.<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Control element, 1 gang flex</b><br>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>64711-500</b>  | 2CKA006400A0099 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62711-WL-500</b>  | 2CKA006200A0281 | 1        |


  
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## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Flex control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.   |                 |          |
|   | <b>64721-500</b>  | 2CKA006400A0101 | 1        |
|    | <b>Control element, 2 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1        |
|  | <b>Rocker</b><br><b>1gang, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units   |                 |          |
| ivory white   | SRD-1-82  | 2CKA006220A0520 | 1        |
| studio white  | SRD-1-84  | 2CKA006220A0151 | 1        |
| grey metallic   | SRD-1-803   | 2CKA006220A0554 | 1        |
|  | <b>Rocker</b><br><b>2gang left, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| ivory white   | SRD-2-L-82  | 2CKA006220A0525 | 1        |
| studio white  | SRD-2-L-84  | 2CKA006220A0166 | 1        |
| grey metallic   | SRD-2-L-803   | 2CKA006220A0559 | 1        |
|  | <b>Rocker</b><br><b>2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| ivory white   | SRS-2-R-82  | 2CKA006220A0528 | 1        |
| studio white  | SRS-2-R-84  | 2CKA006220A0175 | 1        |
| grey metallic   | SRS-2-R-803   | 2CKA006220A0562 | 1        |

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## Movement detectors

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

**Proximity switch**

3 wire connection (neutral conductor required).  
Relay insert with proximity sensor.  
For contactless ON/OFF switching of electric loads, e.g. lights.

For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers. Switches when detecting an approach at < approx. 5 cm. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

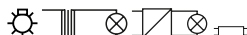
Outputs: 1x Normally open contact, potential-bound  
Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX

Rated power: 2300 W/VA

Temperature range (Device): -25 °C to 55 °C British

Standard EN 60669-2-1

**6406 U**

2CKA006400A0034 1

**Cover plate****Proximity switch**

For proximity switch 6406 U.

|                             |                 |                 |    |
|-----------------------------|-----------------|-----------------|----|
| ivory white                 | <b>6476-82</b>  | 2CKA006470A0003 | 10 |
| studio white                | <b>6476-84</b>  | 2CKA006470A0004 | 10 |
| grey metallic <sup>1)</sup> | <b>6476-803</b> | 2CKA006470A0006 | 10 |

<sup>1)</sup> Surface painted.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

**Relay insert flex, 1gang <sup>1)</sup>**

3 wire connection (neutral conductor required).  
For switching lighting systems.

Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.

Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Without control cover.

For control element flex, 1gang, wireless, 62711-WL.

For control element flex, 2gang, wireless, 62721-WL.

For Busch-Comfort switch flex control element 64765-...

Without control cover.

For Busch-Watchdog 180 flex sensors 6476x-...

For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.

Combinable with extension insert, 64891 U.

Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Inputs: 1

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V- LEDi, typical.

Rated power: 300 VA

Suitable for: 230 V incandescent lamps/230 V halogen lamps

Rated power: 2300 W

Suitable for: Low voltage halogen lamps that are operated via transformers.

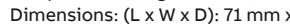
Rated power: 2300 VA

Temperature range (Device): -25 °C to 55 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm

Mounting depth: 25 mm

LEDi



LEDi



LEDi


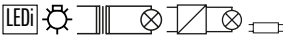
**64811 U-500**

2CKA006800A3042 1/10



<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

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## Movement detectors

| Product   | Article-No.   | Order-No.       | Pack/Qty |  |
|---|---|-----------------|----------|--|
|    | <b>Relay insert flex, 2gang <sup>1)</sup></b><br>3 wire connection (neutral conductor required).<br>For switching lighting systems.<br>For switching two independent load circuits.<br>For controlling light and ventilation systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Comfort switch flex control element 64765-...<br>For Busch-Watchdog 180 flex sensors 6476x-...<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 2<br>Outputs: 2x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical.<br>Rated power: 300 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br>Rated power: 1840 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 1150 VA<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |  |
|  | <b>64821 U-500</b>  | 2CKA006800A3045 | 1        |  |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


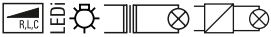
| Product  | Article-No.   | Order-No.       | Pack/Qty |  |
|--|---|-----------------|----------|--|
|     | <b>e-contact insert flex, 1gang <sup>1) 2)</sup></b><br>2-wire connection (neutral conductor not required)<br>Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA).<br>For switching lighting systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Watchdog 180 flex sensors 6476x-...<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 1<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical.<br>Rated power: 3 - 240 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br>Rated power: 10 - 240 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 3 - 240 VA<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |  |
|  | <b>64814 U-500</b>  | 2CKA006800A3048 | 1        |  |

<sup>1)</sup> Use only dimmable high-voltage LEDs.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

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## Movement detectors

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1) 2) 3) 4) 5) 6)</sup><br/>FM, LED, 3-240 VA</b><br/>2-wire connection (neutral conductor not required)<br/>Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Rated power: 3-240 VA (LEDi)<br/>Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1.</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>4)</sup> Recommendation: Please use loads and types of one producer.


<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Control/Signal outputs: 1, electronic output, potential-bound. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.          | Order-No.       | Pack/Qty |
|--|----------------------|-----------------|----------|
|  <p><b>Comfort switch flex sensor</b><br/>Movement detector push-button switch combination. For switching lighting systems that depend on brightness and movement. Push switch function possible at all times. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. Compatible with all free@home flexTronics inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C.</p> | <b>64765-82-500</b>  | 2CKA006800A2885 | -        |
|  | <b>64765-84-500</b>  | 2CKA006800A2889 | -        |
|  | <b>64765-803-500</b> | 2CKA006800A2891 | -        |

| Product   | Article-No.          | Order-No.       | Pack/Qty |
|---|----------------------|-----------------|----------|
|  <p><b>Busch-Watchdog 180 flex, basic sensor <sup>1) 2)</sup> with select-lens</b><br/>Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m. Detection angle: 180 ° Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> | <b>64761-82-500</b>  | 2CKA006800A2923 | 1        |
|   | <b>64761-84-500</b>  | 2CKA006800A2927 | 1        |
|   | <b>64761-803-500</b> | 2CKA006800A2929 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.


<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.



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## Movement detectors

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with select-lens</b>   |                 |          |
|   | Movement detector sensor with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Extension of the detection range by means of master/slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 14 sectors with 56 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 22 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm |                 |          |
| ivory white   | <b>64762-82-500</b>  | 2CKA006800A2960 | 1        |
| studio white  | <b>64762-84-500</b>  | 2CKA006800A2964 | 1        |
| grey metallic <sup>3)</sup>   | <b>64762-803-500</b>   | 2CKA006800A2966 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with multi-lens</b>  |                 |          |
|   | Movement detector sensor with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>For detection down to the floor.<br>For detection in stairwells.<br>With 4 detection levels.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Multi-lens: suitable also for mounting heights of 2.20 m.<br>Extension of the detection range by means of master/slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 54 sectors with 224 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 31 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br>Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 45 mm |                 |          |
| ivory white   | <b>64764-82-500</b>  | 2CKA006800A2997 | 1        |
| studio white  | <b>64764-84-500</b>  | 2CKA006800A3001 | 1        |
| grey metallic <sup>3)</sup>   | <b>64764-803-500</b>   | 2CKA006800A3003 | 1        |


<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

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Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Key Switch Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>breaking circuit, 1-pole</b><br>For profile semi-cylindrical lock.<br>In switched-on and switched-off status the key can be pulled out in the central position, respectively.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2733 USL-101</b>   | 2CKA001101A0914 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>  | not applicable  |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.  |                 |          |

<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)


<sup>2)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>3)</sup> See profile semi-cylindrical lock.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup><br/>SP, switch</b><br>With interlock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1 |                 |        |
|   | <b>2000/4 US-500</b>  | 2CKA001012A2197 | 10/100 |
|   | <b>2020/4 US-500</b>  | 2CKA001413A1103 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br>With rotary knob/switch and push switch.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1, British Standard EN 60669-1 |                 |    |
|   | <b>DP <sup>3)</sup></b>  |                 |    |
|   | <b>2712 U</b>  | 2CKA001101A0534 | 10 |
|   | <b>SP, N, E</b>  |                 |    |
|   | <b>2713 U</b>  | 2CKA001101A0542 | 10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.  |                 |    |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |    |
| <b>neon indicator:</b>  | not applicable   |                 |    |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.   |                 |    |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.


<sup>3)</sup> Also suitable for controlling direct voltage drives.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br>With rotary knob/push button.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>DP <sup>3)</sup></b>  |                 |          |
|   | <b>2722 U</b>  | 2CKA001101A0559 | 10       |
|   | <b>SP, N, E</b>  |                 |          |
|   | <b>2723 U</b>  | 2CKA001101A0567 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Also suitable for controlling direct voltage drives.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Blind switch/push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br>For profile semi-cylindrical lock/switch and push-switch.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC60669-1, British Standard EN 60669-1 |                 |    |
|  | <b>DP <sup>5)</sup></b>  |                 |    |
|  | <b>2712 USL-101</b>  | 2CKA001101A0872 | 10 |
|  | <b>SP, N, E</b>  |                 |    |
|  | <b>2713 USL-101</b>  | 2CKA001101A0880 | 10 |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>4)</sup> See semi-cylindrical lock.

<sup>5)</sup> Also suitable for controlling direct voltage drives.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br>For profile semi-cylindrical lock/push-button.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>British Standard EN 60669-1, IEC60669-1 |                 |    |
|   | <b>DP <sup>5)</sup></b>  |                 |    |
|   | <b>2722 USL-101</b>  | 2CKA001101A0898 | 10 |
|   | <b>SP, N, E</b>  |                 |    |
|   | <b>2723 USL-101</b>  | 2CKA001101A0906 | 10 |

<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.



<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.



<sup>4)</sup> See semi-cylindrical lock.

<sup>5)</sup> Also suitable for controlling direct voltage drives.



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## Blind control / timers

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>DIN profile-semi cylindrical lock</b><br/>Acc. to German Standard DIN 18252.<br/>Total length 40 mm<br/>for blind switches and push switches<br/>For inserts 2712/2713/2722/2723/2733 USL-101 and<br/>2712/2733 SLW-5x.<br/>Protection class (Device): IP 20</p> <p><b>different lock mechanism, with 3 keys</b></p> <p><b>0520 PZ-VS</b>                      2CKA000470A0013    1/100</p> <p><b>lock mechanism, with 3 keys</b></p> <p><b>0521 PZ-GS</b>                      2CKA000470A0021    1/100</p>  |             |           |          |
|   |             |           |          |
|  <p><b>Blind compact timer</b><br/>Suitable for blind and roller blind drives with mechanical<br/>or electronic limit switch shut-off.<br/>Without extension unit input.<br/>Running time: 3 min<br/>N-busbar connection is required.<br/>For manual and time-controlled switching of blinds and<br/>roller blinds.<br/>Memory function for the simple storage of switching<br/>times.<br/>The controlled devices can be manually operated at any<br/>time.<br/>Simple setting via display with with segment display<br/>and background illumination.<br/>Factory pre-set switching times, individual adaptations<br/>are possible.<br/>2 switching times per day can be freely adjusted for<br/>each day of the week.<br/>Automatic switchover from summer time to winter time<br/>(switch-off function).<br/>Switching times and programs are safely stored in the<br/>event of a mains power failure.<br/>Power reserve for time and date &gt; 10 years.<br/>Simple toggling between manual/automatic/vacation<br/>modes.<br/>See the associated cover plates 6435-xx.<br/>Programming possible only with control element<br/>attached and energized.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 45 °C</p> <p><b>6422 U-500</b>                      2CKA006410A0410    1/10</p> |             |           |          |
|   |             |           |          |

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>Basic blind insert <sup>1)</sup> <sup>2)</sup></b><br/><b>2-wire blind insert</b><br/>Suitable for blind and roller blind drives with mechanical<br/>or electronic limit switch shut-off.<br/>Suitable for operation without neutral conductor.<br/>Without an extension input.<br/>For control cover 6430-xx-xxx.<br/>For standard timer control element 6456-101.<br/>Running time: 3 min<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 35 °C</p> <p><b>6418 U-500</b>                      2CKA006410A0376    1/10</p> <p><b>Mounting boxes:</b>              35 mm deep flush 1gang<br/>or Dual Box 3070-2/35 BSDB.</p> <p><b>2gang product combinations:</b>    2gang combination with adapter plate<br/>APBS in Dual Box only.</p> <p><sup>1)</sup> N-conductor connection required for operation with control cover 6430-7x,<br/>illuminated.<br/><sup>2)</sup> N-conductor connection may be required for operation with blind and roller<br/>blind drives with electronic limit switch shut-off. If no N-conductor is available,<br/>capacitor set 6498 can be used.</p> |             |           |          |
|   |             |           |          |
|  <p><b>Busch-Blind control II switch insert <sup>1)</sup></b><br/>Suitable for blind, roller blind and awning drives with<br/>mechanical or electronic limit switch shut-off.<br/>With two 230 V multi-way input terminals (Up/Down) for<br/>group control.<br/>With operating mode switch for the following modes:<br/>normal, louvre, base station, position.<br/>With party function (disables the local control unit) in<br/>combination with Busch-Blind control II control cover<br/>6430-xx-xxx, 6066-xx-xxx.<br/>Wind alarm, cleaning functions can be accommodated<br/>via extension input.<br/>For control cover 6430-xx-xxx.<br/>For IR control element 6066-xx-xxx.<br/>For comfort timer control element 6455-101-500.<br/>Running time: 3 min<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Control/Signal outputs: 2<br/>Temperature range (Device): 0 °C to 35 °C</p> <p><b>6411 U-500-101</b>                  2CKA006410A0378    1/10</p>  |             |           |          |
|   |             |           |          |

<sup>1)</sup> Compatible with types 6411 U/x.

|  |  |  |  |
|--|--|--|--|
|  <p><b>Brightness sensor</b><br/>For insert 6411U/S-101.<br/>With 2 m connecting cable.<br/>Measuring range: 15-50,000 lux.</p> <p><b>6414-101</b>                      2CKA006410A0389    1/10</p> |  |  |  |
|  |  |  |  |
|  <p><b>Sun sensor</b><br/>For insert 6411U/S-101.<br/>Measuring range: 5-50,000 lux.</p> <p><b>6482</b>                              2CKA006410A0203    1</p>                                       |  |  |  |
|  |  |  |  |

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## Blind control / timers

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

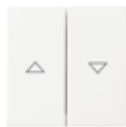
**Busch-Short-time timer insert <sup>1)</sup> countdown timer**

For time-programmed switching of electrical consumers.  
With control cover, without cover plate.  
Minimum timer time: 1 second.  
Maximum timer time: 9:59:59 hours.  
Rated voltage: 230 V~, +10 % / -10 %  
Rated frequency: 50 Hz  
Outputs: 1x Normally open contact  
Rated current: 10 A, cos φ 1  
Rated power: 2300 VA  
Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1

|                       |                 |      |
|-----------------------|-----------------|------|
| <b>6465 U-101-500</b> | 2CKA006410A0393 | 1/10 |
|-----------------------|-----------------|------|

|                                    |   |
|------------------------------------|---|
| <b>Mounting boxes:</b>             | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |
| <b>Cover frames:</b>               | 1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.    |
| <b>2gang product combinations:</b> | 2gang combination with adapter plate APBS in Dual Box only. |
| <b>neon indicator:</b>             | not applicable  |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

**Rocker with marking**

As cover for flush-mounted blind control switch/push switch.  
For inserts 2000/4 and 2020/4 US.  
Protection class (Device): IP 20

|                             |                       |                 |        |
|-----------------------------|-----------------------|-----------------|--------|
| ivory white                 | <b>1785 JA-82</b>     | 2CKA001751A2748 | 10     |
| studio white                | <b>1785 JA-84-500</b> | 2CKA001751A3088 | 10/100 |
| grey metallic <sup>1)</sup> | <b>1785 JA-803</b>    | 2CKA001751A3020 | 10     |

<sup>1)</sup> Surface painted.

**Cover plate with rotary control, with marking**

As cover for flush-mounted blind control switch/push switch.  
For inserts 2712 U, 2713 U and 2722 U, 2723 U.  
Protection class (Device): IP 20

|                             |                 |                 |        |
|-----------------------------|-----------------|-----------------|--------|
| ivory white                 | <b>1740-82</b>  | 2CKA001710A3154 | 10     |
| studio white                | <b>1740-84</b>  | 2CKA001710A3172 | 10/100 |
| grey metallic <sup>1)</sup> | <b>1740-803</b> | 2CKA001710A3840 | 10     |

<sup>1)</sup> Surface painted.

**Cover plate <sup>1)</sup> with labelling field**

With marking.  
For half-cylindrical type switches and blind control switch/push-switch.  
For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.  
Protection class (Device): IP 20

|                             |                           |                 |    |
|-----------------------------|---------------------------|-----------------|----|
| ivory white                 | <b>1755 SL/PZ-82-101</b>  | 2CKA001710A3157 | 10 |
| studio white                | <b>1755 SL/PZ-84-101</b>  | 2CKA001710A3175 | 10 |
| grey metallic <sup>2)</sup> | <b>1755 SL/PZ-803-101</b> | 2CKA001710A3841 | 10 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Surface painted.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

**Control element**

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.  
For basic blind insert 6418 U.  
For Busch-Universal 2gang 1way insert 6402 U.

|                             |                        |                 |      |
|-----------------------------|------------------------|-----------------|------|
| ivory white                 | <b>6430-82-102</b>     | 2CKA006430A0327 | 1/10 |
| studio white                | <b>6430-84-102-500</b> | 2CKA006430A0400 | 1/10 |
| grey metallic <sup>1)</sup> | <b>6430-803-102</b>    | 2CKA006430A0350 | 1/10 |

<sup>1)</sup> Surface painted.

**Standard timer control element <sup>1)</sup>**

For manual and time-controlled switching of blinds and roller blinds.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time.

Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Programming possible only with control element attached and energized.

2 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

For basic blind insert 6418 U.


Temperature range (Device): 0 °C to 35 °C

|                 |                 |      |
|-----------------|-----------------|------|
| <b>6456-101</b> | 2CKA006410A0398 | 1/10 |
|-----------------|-----------------|------|

<sup>1)</sup> See respective cover plates 6435-xx.


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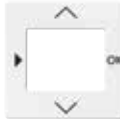
Blind control / timers


| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <p><b>Comfort timer control element <sup>1)</sup></b><br/>For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.<br/>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.<br/>Simple setting via high-resolution display with background illumination.<br/>With preset switching times/date/time.<br/>Factory-set switching times can be individually adjusted.<br/>Automatic switchover from summer time to winter time (switch-off function).<br/>Switching times/programme are safely stored in the event of a mains power failure.<br/>Power reserve for time and date &gt; 10 years.<br/>Simple toggling between manual/automatic/vacation modes.<br/>Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function.<br/>Freely adjustable temperature and brightness-dependent sun protection function.<br/>Freely adjustable twilight function.<br/>User-adjustable running times for blinds and air conditioning.<br/>Programming possible only with control element attached and energized.<br/>6 switching times per day can be user-defined for each day of the week.<br/>Astro switching times and switching times can be combined.<br/>When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.<br/>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br/>For Busch-Universal relay switch insert 6401 U-102.<br/>For Busch-Universal master dimmer insert 6593 U.<br/>For LED dimmer insert 6524 U and 6526 U..<br/>For Busch-Memory touch-type controller 6550 U-101.<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>6455-101-500</b>                                | 2CKA006410A0399 | 1/10     |
|  | <sup>1)</sup> See respective cover plates 6435-xx. |                 |          |




|   |  |                 |      |
|---|--|-----------------|------|
| <p><b>Time switch mechanism 16 A <sup>1)</sup> <sup>2)</sup></b><br/><b>DP, break contact for staircases, exterior lighting, fans, etc.</b><br/>Running time: 15 min<br/>For time-programmed switching of electrical consumers.<br/>Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird.<br/>Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated current: 16 A, cos φ 0.25<br/>Protection class (Device): IP 20</p> | <b>1070 U</b>  | 2CKA001043A0025 | 1/10 |
|   | <sup>1)</sup> For screw-fixing only<br><sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) |                 |      |

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <p><b>Time switch mechanism 16 A <sup>1)</sup> <sup>2)</sup></b><br/><b>DP, break contact for staircases, exterior lighting, fans, etc.</b><br/>Running time: 120 min<br/>For time-programmed switching of electrical consumers.<br/>Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird.<br/>Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated current: 16 A, cos φ 0.25<br/>Protection class (Device): IP 20</p> | <b>1071 U</b>  | 2CKA001043A0124 | 1        |
|  | <sup>1)</sup> For screw-fixing only<br><sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) |                 |          |






|  |                 |                 |                 |    |
|--|-----------------|-----------------|-----------------|----|
|  <p><b>Cover plate</b><br/>For comfort timer control element 6455-101-500.<br/>For standard timer control element 6456-101.<br/>For room thermostats 1098 U-101 and 1098 UF-101.<br/>For short-time timer 6465 U-101.<br/>For Busch-CO2 sensor 1091 U-500.<br/>For blind compact timer 6422 U.</p> | ivory white     | <b>6435-82</b>  | 2CKA006430A0304 | 10 |
|  | studio white    | <b>6435-84</b>  | 2CKA006430A0306 | 10 |
| grey metallic <sup>1)</sup>  | <b>6435-803</b> | 2CKA006430A0351 | 10              |    |
| <sup>1)</sup> Surface painted.   |                 |                 |                 |    |







|   |                     |                    |                 |    |
|---|---------------------|--------------------|-----------------|----|
|  <p><b>Cover plate with rotary knob, with marking</b><br/>For Busch-Timer insert 1070 U.<br/>Running time: 15 min<br/>Protection class (Device): IP 20</p> | ivory white         | <b>1770-82-103</b> | 2CKA001753A0256 | 10 |
|   | studio white        | <b>1770-84-103</b> | 2CKA001753A0258 | 10 |
| grey metallic <sup>1)</sup>   | <b>1770-803-103</b> | 2CKA001753A0254    | 10              |    |
| <sup>1)</sup> Surface painted.  |                     |                    |                 |    |

|  |                     |                    |                 |    |
|--|---------------------|--------------------|-----------------|----|
|  <p><b>Cover plate with rotary knob, with marking</b><br/>For Busch-Timer insert 1071 U.<br/>Running time: 120 min<br/>Protection class (Device): IP 20</p> | ivory white         | <b>1771-82-103</b> | 2CKA001753A0266 | 10 |
|  | studio white        | <b>1771-84-103</b> | 2CKA001753A0301 | 10 |
| grey metallic <sup>1)</sup>  | <b>1771-803-103</b> | 2CKA001753A0264    | 10              |    |
| <sup>1)</sup> Surface painted.   |                     |                    |                 |    |

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## Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>blind insert, 1 gang, 2 way flex</b><br>3 wire connection (neutral conductor required). For the control of roller shutters, blind and awning motors with mechanical or electronic limit switch shut-off. Group formation via extension input possible. Operation also via conventional push buttons (2020 US non-illuminated/2021/6 UK) possible. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL.  |                 |          |
|   | <b>64831 U-500</b>   | 2CKA006400A0096 | 1        |
|    | <b>Extension insert flex</b><br>3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts.   |                 |          |
|   | <b>64891 U-500</b>   | 2CKA006800A3051 | 1        |
|  | <b>Control element, 1 gang flex</b><br>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.  |                 |          |
|   | <b>64711-500</b>   | 2CKA006400A0099 | 1        |
|  | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62711-WL-500</b>  | 2CKA006200A0281 | 1        |
|  | <b>Control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.   |                 |          |
|   | <b>64721-500</b>   | 2CKA006400A0101 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1        |
|   | <b>Weather Station</b><br>For recording and transmitting of brightness, temperature, wind speed and rain. Weather data can be linked with actuators to automatically control functions. Weather data can be visualized in the free@home web interface and the free@home app. Remote operation via the Bluetooth and smartphone/tablet app.  |                 |          |
|   | <b>WS-1-WL.1</b>  | 2CKA006200A0297 | 1        |
|  | <b>Standard Inputs</b><br>WS-1/A1.1 Mast adapter weather station  |                 |          |
|   | <b>WS-1/A1.1</b>  | 2CKA006200A0848 | 1        |
|  | <b>Rocker 1gang, with "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| ivory white   | SRB-1-82  | 2CKA006220A0518 | 1        |
| studio white  | SRB-1-84  | 2CKA006220A0145 | 1        |
| grey metallic   | SRD-1-884   | 2CKA006220A0552 | 1        |
|  | <b>Rocker 2gang left/right, "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| ivory white   | SRB-2-82  | 2CKA006220A0523 | 1        |
| studio white  | SRB-2-84  | 2CKA006220A0160 | 1        |
| grey metallic   | SRB-2-803   | 2CKA006220A0557 | 1        |
|  | <b>Rocker 2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| ivory white   | SRS-2-R-82  | 2CKA006220A0528 | 1        |
| studio white  | SRS-2-R-84  | 2CKA006220A0175 | 1        |
| grey metallic   | SRS-2-R-803   | 2CKA006220A0562 | 1        |

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## Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet with screwless terminals</b><br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Supply voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>20 EUC-82-500</b>  | 2CKA002011A6214 | 10/100   |
| studio white  | <b>20 EUC-84-500</b>  | 2CKA002011A6207 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>20 EUC-803-500</b>   | 2CKA002011A6216 | 10/100   |


<sup>1)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>20 EUCKS-82-500</b>  | 2CKA002013A5376 | 10/100 |
| studio white  | <b>20 EUCKS-84-500</b>  | 2CKA002013A5372 | 10/100 |
| grey metallic <sup>2)</sup>   | <b>20 EUCKS-803</b>   | 2CKA002013A5297 | 10/100 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet without claw <sup>1)</sup> shuttered</b><br>Without claws.<br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>20 EUCRB-82</b>   | 2CKA002013A5438 | 10/100 |
| studio white  | <b>20 EUCRB-84-500</b>   | 2CKA002013A5441 | 10/100 |
| grey metallic <sup>2)</sup>   | <b>20 EUCRB-803</b>  | 2CKA002013A5436 | 10/100 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>2300 EUCB-82</b>  | 2CKA002013A5449 | 10/100 |
| studio white  | <b>2300 EUCB-84</b>  | 2CKA002013A5451 | 10/100 |
| grey metallic <sup>3)</sup>   | <b>2300 EUCB-803</b>   | 2CKA002013A5447 | 10/100 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> With screw-type terminals<sup>3)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |          |
| ivory white   | <b>23 EUCB-82</b>  | 2CKA002013A5475 | 10       |
| studio white  | <b>23 EUCB-84</b>  | 2CKA002013A5477 | 10/100   |
| grey metallic <sup>3)</sup>   | <b>23 EUCB-803</b>   | 2CKA002013A5473 | 10       |

<sup>1)</sup> Increased shock protection .<sup>2)</sup> With screw-type terminal for rigid and flexible wires<sup>3)</sup> Surface painted.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>SCHUKO® USB socket outlet, 2gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> shuttered</b><br>For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: SCHUKO® socket outlet<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Output voltage: 5 V-<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |      |
| ivory white   | <b>20 EUCB2USB-82-500</b>   | 2CKA002011A6270 | 1/10 |
| studio white  | <b>20 EUCB2USB-84-500</b>   | 2CKA002011A6274 | 1/10 |
| grey metallic <sup>5)</sup>   | <b>20 EUCB2USB-803-500</b>  | 2CKA002011A6276 | 1/10 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.<sup>3)</sup> No data transfer.<sup>4)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.<sup>5)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Busch-socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>With eject mechanism.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>20 EUCBDR-82</b>  | 2CKA002013A5416 | 10 |
| studio white  | <b>20 EUCBDR-84</b>  | 2CKA002013A5418 | 10 |
| grey metallic <sup>2)</sup>   | <b>20 EUCBDR-803</b>   | 2CKA002013A5414 | 10 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

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## Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet steplight<sup>1)</sup><br/>With night orientation light</b><br>with separate connection cables for switch contact.<br>with LED,<br>Shuttered.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>20 EUCBLI-82</b>  | 2CKA002013A5292 | 1        |
| studio white  | <b>20 EUCBLI-84</b>  | 2CKA002013A5294 | 1        |
| grey metallic <sup>2)</sup>   | <b>20 EUCBLI-803</b>   | 2CKA002013A5458 | 1        |


<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.<sup>2)</sup> Surface painted.

|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet<sup>1)</sup><br/>with labelling field</b><br>DP (2 P + E)<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white  | <b>20 EUN-82</b>  | 2CKA002011A3726 | 10     |
| studio white   | <b>20 EUN-84-500</b>  | 2CKA002011A6209 | 10/100 |
| grey metallic <sup>2)</sup>  | <b>20 EUN-803</b>   | 2CKA002011A3876 | 10     |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet<sup>1)</sup><sup>2)</sup><br/>with label field, increased shock protection</b><br>Size of labelling field: 60 x 9 mm.<br>With screwless terminals.<br>DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>20 EUCNB-82</b>  | 2CKA002013A5428 | 10     |
| studio white  | <b>20 EUCNB-84-500</b>  | 2CKA002013A5431 | 10/100 |
| grey metallic <sup>3)</sup>   | <b>20 EUCNB-803</b>   | 2CKA002013A5426 | 10     |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Increased shock protection.<sup>3)</sup> Surface painted.


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet<sup>1)</sup><br/>with marking "EDV"</b><br>With screwless terminals.<br>DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>20 EUCKS/DV-82</b>   | 2CKA002013A5267 | 10     |
| studio white  | <b>20 EUCKS/DV-84</b>   | 2CKA002013A5268 | 10     |
| grey metallic <sup>2)</sup>   | <b>20 EUCKS/DV-803</b>  | 2CKA002013A5462 | 10/100 |

<sup>1)</sup> Increased shock protection.<sup>2)</sup> Surface painted.


| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  | <b>Busch-Protector® SCHUKO® socket outlet<sup>1)</sup><br/>with overvoltage protection</b><br>DP (2 P + E)<br>With integrated and external signalling contact.<br>ISN = 5 kA<br>Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems.<br>Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet.<br>Arrestor test class: classification Type 2<br>Rated voltage: 250 V~<br>Secondary: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |           |          |


|                             |                                    |                 |      |
|-----------------------------|------------------------------------|-----------------|------|
| ivory white                 | <b>2310 EUGL/VA-82-11</b>          | 2CKA002011A3831 | 1    |
| studio white                | <b>2310 EUGL/VA-84-11</b>          | 2CKA002011A3833 | 1    |
| grey metallic <sup>2)</sup> | <b>2310 EUGL/VA-803-11</b>         | 2CKA002011A3877 | 1    |
| red RAL 3020                | <b>2310 EUGL/<br/>VA-12-82-101</b> | 2CKA002011A6257 | 1/10 |

<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.<sup>2)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>SCHUKO® socket outlet<br/>with LED control light</b><br>Shuttered.<br>DP (2 P + E)<br>With transparent lens.<br>LED colour green.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>20 EUCBL-82</b>   | 2CKA002013A5284 | 10 |
| studio white  | <b>20 EUCBL-84</b>   | 2CKA002013A5286 | 10 |
| grey metallic <sup>1)</sup>   | <b>20 EUCBL-803</b>  | 2CKA002013A5456 | 10 |

<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>SCHUKO® socket outlet<br/>with marking</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| green, RAL 6032   | <b>20 EUC-13-82-101</b>  | 2CKA002011A6260 | 10 |
| orange RAL 2004   | <b>20 EUC-14-82</b>  | 2CKA002011A3723 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Busch-Object socket outlet<sup>1)</sup><br/>shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Incl. Cover plate with extract mechanism.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>20 EUAB-82</b>  | 2CKA002013A5405 | 10 |
| studio white  | <b>20 EUAB-84</b>  | 2CKA002013A5407 | 10 |
| grey metallic <sup>2)</sup>   | <b>20 EUAB-803</b>   | 2CKA002013A5403 | 10 |

<sup>1)</sup> Increased shock protection.<sup>2)</sup> Surface painted.




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## Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with earth leakage circuit breaker</b><br>Shuttered.<br>DP cut off (P,N)<br>Without PE monitoring.<br>With output terminals for connecting and protecting downstream SCHUKO® socket outlets.<br>Rated fault current: 30 mA.<br>With fixing claws.<br>Rated frequency: 45-60 Hz.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20<br>Temperature range (Device): -25 °C to 40 °C |                 |          |
| ivory white   | <b>3120 EUCB-82</b>   | 2CKA003116A0661 | 1        |
| studio white  | <b>3120 EUCB-84</b>   | 2CKA003116A0662 | 1        |
| grey metallic <sup>4)</sup>   | <b>3120 EUCB-803</b>  | 2CKA003116A0666 | 1/10     |


<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.<sup>2)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.<sup>3)</sup> Increased shock protection .<sup>4)</sup> Surface painted.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Buschmat® FI - Insert <sup>1)</sup> with earth leakage breaker with connecting conductor</b><br>Protection of downstream consumers.<br>Rated fault current: 30 mA.<br>DP cut off (P,N)<br>With fixing claws.<br>Rated frequency: 45-60 Hz.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20<br>Temperature range (Device): -25 °C to 40 °C |                 |      |
| ivory white   | <b>3151 UC-82</b>  | 2CKA003117A0005 | 1/10 |
| studio white  | <b>3151 UC-84</b>  | 2CKA003117A0006 | 1/10 |
| grey metallic <sup>2)</sup>   | <b>3151 UC-803</b>   | 2CKA003117A0008 | 1/10 |


<sup>1)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.<sup>2)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet with hinged lid</b><br>With screwless terminals.<br>DP (2 P + E)<br>Hinged lid notches when opened.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>20 EUK-82</b>   | 2CKA002018A1465 | 10     |
| studio white  | <b>20 EUK-84-500</b>   | 2CKA002018A1509 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>20 EUK-803</b>  | 2CKA002018A1493 | 10     |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and internal increased shock protection</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>20 EUKB-82</b>  | 2CKA002018A1518 | 10/100   |
| studio white  | <b>20 EUKB-84</b>  | 2CKA002018A1520 | 10/100   |
| grey metallic <sup>2)</sup>   | <b>20 EUKB-803</b>   | 2CKA002018A1516 | 10/100   |
| ivory <sup>3)</sup>   | <b>20 EUKBR-82</b>   | 2CKA002018A1527 | 10/100   |
| studio white <sup>3)</sup>  | <b>20 EUKBR-84</b>   | 2CKA002018A1529 | 10/100   |
| grey metallic <sup>2)</sup> <sup>3)</sup>   | <b>20 EUKBR-803</b>  | 2CKA002018A1525 | 10/100   |

<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.<sup>3)</sup> Without claw.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> with hinged lid and labelling field</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>20 EUKNB-82</b>  | 2CKA002018A1538 | 10/100 |
| studio white  | <b>20 EUKNB-84</b>  | 2CKA002018A1540 | 10/100 |
| grey metallic <sup>4)</sup>   | <b>20 EUKNB-803</b>   | 2CKA002018A1536 | 10/100 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> The labels are clamped under the labelling field.<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>4)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and lock</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>With different lock mechanism.<br>Delivery includes 2 keys.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>20 EUKNBSL-82</b>  | 2CKA002018A1559 | 10 |
| studio white  | <b>20 EUKNBSL-84</b>  | 2CKA002018A1563 | 10 |
| grey metallic <sup>2)</sup>   | <b>20 EUKNBSL-803</b>   | 2CKA002018A1555 | 10 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

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## Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and lock</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>With evenly engaging lock.<br>Delivery includes 2 keys.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>20 EUKNBSL-82-101</b>  | 2CKA002018A1560 | 10       |
| studio white  | <b>20 EUKNBSL-84-101</b>  | 2CKA002018A1564 | 10       |
| grey metallic <sup>2)</sup>   | <b>20 EUKNBSL-803-101</b>   | 2CKA002018A1556 | 10       |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> with hinged lid, labelling field and LED control light</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| ivory white  | <b>20 EUKNBL-82</b>  | 2CKA002018A1549 | 10/100 |
| studio white   | <b>20 EUKNBL-84</b>  | 2CKA002018A1551 | 10/100 |
| grey metallic <sup>4)</sup>  | <b>20 EUKNBL-803</b>   | 2CKA002018A1547 | 10/100 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> The labels are clamped under the labelling field.<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>4)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Socket outlet <sup>1)</sup> shuttered</b><br>Without claws.<br>With screw-type terminals.<br>DP<br>Suitable for 1gang flush-mounted boxes.<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |    |
| ivory white   | <b>2300 UCRKS-82-503</b>  | 2CKA002113A0510 | 10 |
| studio white  | <b>2300 UCRKS-84-503</b>  | 2CKA002113A0511 | 10 |
| grey metallic <sup>2)</sup>   | <b>2300 UCRKS-803-503</b>   | 2CKA002113A5341 | 10 |


<sup>1)</sup> Increased shock protection .<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>USB socket outlet earthing pin, 2gang <sup>1)</sup> <sup>2)</sup> shuttered</b><br>For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Suitable for the countries: Belgium, Poland, Czech Republic.<br>Rated voltage: 230 V~, +10 % / --10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: Earth pin socket<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |          |
| ivory white   | <b>20 MUCB2USB-82-500</b>  | 2CKA002017A1889 | 1/10     |
| studio white  | <b>20 MUCB2USB-84-500</b>  | 2CKA002017A1891 | 1/10     |
| grey metallic <sup>4)</sup>   | <b>20 MUCB2USB-803-500</b>   | 2CKA002017A1892 | 1/10     |

<sup>1)</sup> Socket outlet with integrated child protection. Replaces the usual term"...with child protection".<sup>2)</sup> No data transfer.<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.<sup>4)</sup> Surface painted.


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Shaver socket outlet</b><br>For installation into FM 2gang wall box 3030 and 3031.<br>Rated voltage: 240 V, +10 % / -10 %<br>Output voltage: 115 V, +10 % / -10 %<br>Secondary: 240 V, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Rated power: 20 VA |                 |   |
| ivory   | <b>2332 UJBS-82</b>   | 2CKA002130A0290 | 1 |
| studio white  | <b>2332 UJBS-84</b>   | 2CKA002130A0292 | 1 |
| grey metallic <sup>1)</sup>   | <b>2332 UJBS-803</b>  | 2CKA002130A0296 | 1 |


<sup>1)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Flush-mounting wall box, 2gang</b><br>For shaver socket outlet 2332 UJBS-8xx.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm |                 |   |
|   | <b>3030</b>   | 2CKA001741A0067 | 4 |


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## Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Flush-mounting cavity wall box, 2gang</b><br>For shaver socket outlet 2332 UJBS-8xx.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 142 mm x 75 mm x 45 mm |                 |          |
|   | <b>3031</b>  | 2CKA001741A0068 | 4        |


|   |  |                    |                 |
|---|--|--------------------|-----------------|
|  | <b>13 A Switched socket outlet</b><br>1gang<br>With screw-type terminals.<br>SP switched<br>Without claws.<br>Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.<br>Rated voltage: 250 V~<br>Rated current: 13 ABS 1363: part2 |                    |                 |
|   | ivory  | <b>2190 EUC-82</b> | 2CKA002190A0213 |
| studio white  | <b>2190 EUC-84</b>   | 2CKA002190A0215    | 10/100          |
| grey metallic <sup>1)</sup>   | <b>2190 EUC-803</b>  | 2CKA002190A0224    | 10/100          |

<sup>1)</sup>Surface painted.


|   |  |                          |  |                     |
|---|--|--------------------------|--|---------------------|
|  | <b>2gang European/American socket outlet, 10A</b><br>2gang<br>With screw-type terminals.<br>SP switched<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>delivery on request |                          |  |                     |
|   | ivory white  | <b>2192-02 UC-82-500</b> |  | delivery on request |
| studio white  | <b>2192-02 UC-84-500</b>   |                          |  |                     |


|   |  |                 |                 |
|---|--|-----------------|-----------------|
|  | <b>Socket outlet <sup>1)</sup> with earth pin</b><br>With screwless terminals.<br>Suitable for the countries: Belgium, Poland, Czech Republic.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |                 |
|   |  | <b>20 M-500</b> | 2CKA002017A0854 |


<sup>1)</sup>Insert can be used for all covers 2399 UCKS-xx.


|   |   |                     |                 |
|---|---|---------------------|-----------------|
|  | <b>Socket outlet cover frame shuttered</b><br>For socket outlet insert 20 M-500.<br>Rated voltage: 250 V~ |                     |                 |
|   | ivory   | <b>2399 UCKS-82</b> | 2CKA002099A0211 |
| studio white  | <b>2399 UCKS-84</b>   | 2CKA002099A0214     | 10              |
| grey metallic <sup>1)</sup>   | <b>2399 UCKS-803</b>  | 2CKA002099A0253     | 10              |

<sup>1)</sup>Surface painted.


| Product   | Article-No.   | Order-No.                 | Pack/Qty |
|---|---|---------------------------|----------|
|  | <b>Chinese socket outlet, 10 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Rated current: 10 A<br>delivery on request |                           |          |
|   | ivory white   | <b>2193 EUC/10-82-500</b> |          |
| studio white  | <b>2193 EUC/10-84-500</b>   |                           |          |

|   |  |                           |  |
|---|--|---------------------------|--|
|  | <b>Chinese socket outlet, 16 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request |                           |  |
|   | ivory white  | <b>2196 EUC/16-82-500</b> |  |
| studio white  | <b>2193 EUC/16-84-500</b>  |                           |  |

|   |  |                           |  |
|---|--|---------------------------|--|
|  | <b>Chinese and Euro American socket outlet, 10 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>delivery on request |                           |  |
|   | ivory white  | <b>2195 EUC/10-82-500</b> |  |
| studio white  | <b>2195 EUC/10-84-500</b>  |                           |  |


|   |  |                        |  |
|---|--|------------------------|--|
|  | <b>International socket outlet 13A <sup>1)</sup></b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 13 A<br>delivery on request |                        |  |
|   | ivory white  | <b>2197 EUC-82-500</b> |  |
| studio white  | <b>2197 EUC-84-500</b>   |                        |  |

<sup>1)</sup>Usage may be restricted in certain countries.


|   |   |                        |  |
|---|---|------------------------|--|
|  | <b>Euro American socket outlet with earth, 16 A</b><br>1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request |                        |  |
|   | ivory white   | <b>2196 EUC-82-500</b> |  |
| studio white  | <b>2196 EUC-84-500</b>  |                        |  |


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## Data communication


| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>WLAN access point, flush-mounted <sup>1)</sup> <sup>2)</sup> power supply from mains power</b><br/>           Operation as WLAN access point for the connection of WLAN terminal devices to the LAN.<br/>           Operation as WLAN repeater for extending the transmission range of a WLAN.<br/>           Operation as WLAN adapter for integrating Ethernet terminal devices into a WLAN.<br/>           Supports WLAN standards IEEE 802.11b/g/n with 2.4 GHz; integrated WLAN antenna.<br/>           Backward connection of an Ethernet cable via screw terminals (10/100 Mbit/s).<br/>           Front-side Ethernet connection via a RJ45 socket (10/100 Mbit/s).<br/>           The three connections (WLAN, Ethernet/screw terminals and Ethernet/RJ45) can be used in parallel via the integrated switch.<br/>           Power supply via 2-pole connecting terminal.<br/>           Nominal voltage: 100 - 240 V~<br/>           For mounting in commercially available deep flush-mounted and hollow-wall boxes.<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Dimensions: (L x W x D): 80 mm</p> <p><b>8186/31-101-500</b>      2CKA008100A0359      1</p> |             |           |          |

<sup>1)</sup> Suitable for cover plate 1803-xxx.<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.


|  |  |  |  |
|--|--|--|--|
|  <p><b>Reset magnet</b><br/>           For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.<br/>           Protection class (Device): IP 20</p> <p><b>8186/11-500</b>      2CKA008100A0361      1</p> |  |  |  |
|--|--|--|--|

|   |  |  |  |
|---|--|--|--|
|  <p><b>Universal data connection unit, cat. 3 <sup>1)</sup> 1gang</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0213-500</b>      2CKA000230A1549      10/100</p> |  |  |  |
|---|--|--|--|


<sup>1)</sup> Suitable for cover plate 1803-xxx.

|   |   |  |  |
|---|---|--|--|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2gang internally parallel connected</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0214</b>      2CKA000230A0235      10/100</p> |   |  |  |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |  |  |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |  |  |
| <b>neon indicator:</b>  | not applicable  |  |  |

<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2 x outlets, 8/8-pole</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0215</b>      2CKA000230A0243      10</p> |   |           |          |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |           |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |           |          |
| <b>neon indicator:</b>  | not applicable  |           |          |





<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

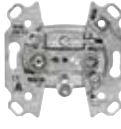

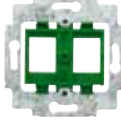
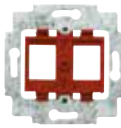
|   |  |  |  |
|---|--|--|--|
|  <p><b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>           With down-leading outlet and LSA self-cutting clamps.<br/>           RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>           Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>           Terminal marking A and B according to TIA/EIA-568-B.2.<br/>           Typ according to EN 60 603-7-51:2011-01.<br/>           Shielding according to DIN EN 55022, Class B.<br/>           Up to 500 MHz on all pairs of wires.<br/>           Suitable for 10-Gigabit Ethernet.<br/>           Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>           Flex cable entries from all sides without buckles.<br/>           Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>           Re-embedded proofed.<br/>           Suitable for Mix-and-Match operation.<br/>           Suitable for RJ 11, RJ 12 und RJ 45.<br/>           For data cables with a diameter of 6 -10 mm.<br/>           For wires of AWG 24-22.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without claws.<br/>           Mounting depth: 31 mm.<br/>           Protection class (Device): IP 20</p> <p><b>0218/11-101</b>      2CKA000230A0409      1/10</p> |  |  |  |
|---|--|--|--|

<sup>1)</sup> Suitable for cover plate 1803-xxx.

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## Data communication

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup></b><br><b>2 x outlets, 8/8-pole</b><br>With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06. Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B. Up to 500 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. Suitable for RJ 11, RJ 12 und RJ 45. For data cables with a diameter of 6 -10 mm. For trunk systems, flush-mounted wall boxes and underfloor systems. For wires of AWG 24-22. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20 |                 |          |
|   | <b>0218/12-101</b>   | 2CKA000230A0411 | 1/10     |
| <sup>1)</sup> Suitable for cover plate 1803-02-xxx.                                 |  |                 |          |
|  | <b>Universal data connection box 8(6)/ telephone unit 6F+N - connection box <sup>1)</sup></b><br><b>2 x 6-pole</b><br>with straight outlet, with screw contacts, Universal data-connection boxes: RJ 11/12, ISDN capable Cat. 3 in acc. with IEC 603-7/German Standard DIN EN 60603-7, Telecommunication outlet (telephone unit ): for 1 telephone, 1 auxiliary device or 1 data transmission unit, With claw. Protection class (Device): IP 20  |                 |          |
| white   | <b>UAE 8(6)TAE 6 F+N</b>   | 2CKA000230A0381 | 10/100   |
| <sup>1)</sup> Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.          |  |                 |          |
|  | <b>Satellite co-axial outlets</b><br><b>2 connectors/dead-end feeder</b><br>Broadband technology 5-2.400 MHz<br>For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20   |                 |          |
|   | <b>0230-101</b>  | 2CKA000230A0250 | 10/100   |
|  | <b>Antenna socket insert Radio/TV</b><br><b>2 connectors/loop through type</b><br>Broadband technology 5-2.400 MHz<br>For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20   |                 |          |
|   | <b>0231-101</b>  | 2CKA000230A0268 | 10/100   |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Satellite co-axial outlets Radio/TV/SAT</b><br><b>3gang dead-end feeder</b><br>Broadband technology 47-2.150 MHz. SAT connection designed as screwable F-male plug. with remote feed via F-bush<br>For DVB-T and broadband-cable-systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20   |                 |          |
|   | <b>0232-101-500</b>  | 2CKA000230A0463 | 10/100   |
|    | <b>Terminating resistor</b><br><b>75 Ohm</b><br>Protection class (Device): IP 20   |                 |          |
|   | <b>0239</b>  | 2CKA000230A0201 | 10/100   |
|    | <b>Mounting plate <sup>1)</sup> <sup>2)</sup></b><br><b>with green insert</b><br>For 2 modular jack inserts. For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx. With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws. Protection class (Device): IP 20   |                 |          |
|   | <b>1810-500</b>  | 2CKA001753A9974 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions. |  |                 |          |
| <sup>2)</sup> For further information, please refer on the Internet.  |  |                 |          |
|    | <b>Mounting plate <sup>1)</sup> <sup>2)</sup></b><br><b>with red insert</b><br>For 2 modular jack inserts. Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts<br>For Telegärtner AMJ/UMJ connection modules/ couplings. For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk. Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws. Protection class (Device): IP 20 |                 |          |
|   | <b>1812-500</b>  | 2CKA001753A9972 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions. |  |                 |          |
| <sup>2)</sup> For further information, please refer on the Internet.  |  |                 |          |

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| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with black insert</b><br/>For MTRJ or 2 modular jack inserts.<br/>For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.<br/>For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.<br/>Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1814-500</b> | 2CKA001753A9973 | 10/100   |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with blue insert</b><br/>For 2 modular jack inserts.<br/>For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III.<br/>Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>  | <b>1816</b>     | 2CKA001710A3100 | 10/100   |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with orange base</b><br/>For 2 modular jack inserts.<br/>For system: LexCom 150 and LexCom 250.<br/>Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>   | <b>1819</b>     | 2CKA001753A8056 | 10/100   |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with grey base</b><br/>For 2 modular jack inserts.<br/>For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.<br/>Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>  | <b>1820</b>     | 2CKA001753A8057 | 10/100   |
|  <p><b>Flush-mounted assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For flush-mounted installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p>   | <b>0219/12</b>  | 2CKA000230A0395 | 1/10     |

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.





<sup>2)</sup> For further information, please refer on the Internet.

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.


<sup>2)</sup> For further information, please refer on the Internet.


| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Channel assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For channel and under-floor installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p>   | <b>0219/13</b>  | 2CKA000230A0396 | 1/10     |
|  <p><b>Universal module, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>For installation in installation adapter 0219/12 or 0219/13.<br/>Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB.<br/>RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>Cat. 6A according to ISO/IEC 11801: 2011-06.<br/>Terminal marking A and B according to TIA/EIA-568-B.2.<br/>Typ according to EN 60 603-7-51:2011-01.<br/>Shielding according to DIN EN 55022, Class B.<br/>Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>Bend-radius optimised cable feed (30°).<br/>Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>Re-embedded proofed.<br/>Suitable for Mix-and-Match operation.<br/>For 8-pole plug RJ 45 only.<br/>Housing made from diecast zinc.<br/>With integrated dust-protection cap (can be removed if necessary).<br/>With insulation displacement connection<br/>For data cables with a diameter of 6 -10 mm.<br/>For wires of AWG 24-22.<br/>For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>Protection class (Device): IP 20</p> | <b>0219-101</b> | 2CKA000230A0413 | 1/10     |
|  <p><b>Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>   | <b>0210</b>     | 2CKA000225A0078 | 10       |
|  <p><b>Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>   | <b>0211</b>     | 2CKA000225A0086 | 10       |


<sup>1)</sup> With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.

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| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Built-in jack</b><br>For potential balancing jack cover plate and installation in cover plates.<br>For devices of 19 mm diameter.<br>Protection class (Device): IP 20 |                 |          |
|   | <b>0471-0-0037</b>   | 2CKA000471A0037 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Potential balancing plug</b><br>Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.<br>For potential balancing jack cover plate (connection up to 6 mm <sup>2</sup> crimped or soldered)<br>Protection class (Device): IP 20 |                 |    |
|   | <b>0299-0-0032</b>   | 2CKA000299A0032 | 10 |

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Blank plate with metal mounting plate</b><br>Protection class (Device): IP 20 |                 |        |
| ivory white  | <b>1742-82</b>   | 2CKA001710A3143 | 10     |
| studio white   | <b>1742-84-500</b>   | 2CKA001710A3991 | 10/100 |
| grey metallic <sup>1)</sup>  | <b>1742-803</b>  | 2CKA001710A3843 | 10     |


<sup>1)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup> with metal mounting plate</b><br>As cover for flex outlet, for cords up to 10.3 mm diameter.<br>With strain relief (without terminal block).<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1749-82</b>  | 2CKA001710A3145 | 10     |
| studio white  | <b>1749-84</b>  | 2CKA001710A3163 | 10/100 |
| grey metallic <sup>2)</sup>   | <b>1749-803</b>   | 2CKA001710A3844 | 10     |


<sup>1)</sup> Cover plate can also be used individually as cover for telephone connector boxes (VDo).<sup>2)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup></b><br>As cover for universal data connection boxes.<br>Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br>For WLAN access points 8186/31 and 8186/41.<br>Brand-Rex (WAEGV 8 EKR/EK).<br>BTR ( universal data connecting unit design and IAE design).<br>Telegärtner (AMJ 45, UMJ 45).<br>With down-leading outlet.<br>With labelling field.<br>Size of labelling field: 60 x 9 mm.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1803-82</b>   | 2CKA001710A3147 | 10     |
| studio white  | <b>1803-84-500</b>   | 2CKA001710A1550 | 10/100 |
| grey metallic <sup>2)</sup>   | <b>1803-803</b>  | 2CKA001710A3852 | 10     |

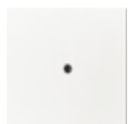
<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> 2gang</b><br>As cover for universal data connection boxes.<br>Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br>Brand-Rex (WAEGV 8/8 EKR/EK).<br>AMP (NETCONNECT 5E).<br>BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).<br>cti (cti-wire 2.8 Cat.6).<br>Telegärtner (AMJ 45, UMJ 45).<br>With down-leading outlet.<br>With labelling field.<br>Size of labelling field: 60 x 9 mm.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1803-02-82</b>   | 2CKA001710A3146 | 10       |
| studio white  | <b>1803-02-84-500</b>   | 2CKA001710A1551 | 10/100   |
| grey metallic <sup>2)</sup>   | <b>1803-02-803</b>  | 2CKA001710A3853 | 10       |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6472 U-500-101.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1766-82</b>  | 2CKA001710A3144 | 10/100 |
| studio white  | <b>1766-84-500</b>  | 2CKA001710A3992 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1766-803</b>   | 2CKA001710A3854 | 10     |

<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate</b><br>As cover for telephone connector boxes (VDo).<br>Can be knocked out for single or double connection.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1745-82</b>   | 2CKA001710A3155 | 10 |
| studio white  | <b>1745-84</b>   | 2CKA001710A3173 | 10 |
| grey metallic <sup>1)</sup>   | <b>1745-803</b>  | 2CKA001710A3855 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup> socket outlet</b><br>Telephone socket (TDO) |                 |        |
| ivory white   | <b>1762-82-506</b>   | 2CKA001710A4104 | 10/100 |
| studio white  | <b>1762-84-506</b>   | 2CKA001710A4106 | 10/100 |
| grey metallic <sup>2)</sup>   | <b>1762-803-506</b>  | 2CKA001710A4102 | 10/100 |


<sup>1)</sup> Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).<sup>2)</sup> Surface painted.

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| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> <sup>2)</sup><br/>as cover for standard Radio/TV/SAT socket outlets</b><br>With 2 connectors<br>Acc. to German Standard DIN 45330.<br>Radio/TV/SAT.<br>With M3 fixing screw.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1743-82</b>  | 2CKA001724A2758 | 10       |
| studio white  | <b>1743-84-500</b>  | 2CKA001724A4332 | 10/100   |
| grey metallic <sup>3)</sup>   | <b>1743-803</b>   | 2CKA001724A4291 | 10       |


<sup>1)</sup> Third opening can be knocked out.<sup>2)</sup> See inserts for satellite coaxial socket outlets.<sup>3)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1743-04-82</b>  | 2CKA001724A4375 | 10       |
| studio white  | <b>1743-04-84</b>  | 2CKA001724A4377 | 10       |
| grey metallic <sup>1)</sup>   | <b>1743-04-803</b>   | 2CKA001724A4373 | 10       |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankara.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1743/10-04-82</b>   | 2CKA001724A4366 | 10       |
| studio white  | <b>1743/10-04-84</b>   | 2CKA001724A4368 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1743/10-04-803</b>  | 2CKA001724A4364 | 10       |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup><br/>with labelling field</b><br>For modular jack with slide entrance.<br>To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820.<br>Size of labelling field: 60 x 9 mm.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1800-82</b>   | 2CKA001710A3158 | 10       |
| studio white  | <b>1800-84-500</b>   | 2CKA001710A3990 | 10/100   |
| grey metallic <sup>2)</sup>   | <b>1800-803</b>  | 2CKA001710A3856 | 10       |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For 1 modular jack.<br>Suitable for Art. Nos. 0210, 0211 and 0219-101.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>2561-82</b>   | 2CKA001753A0401 | 10       |
| studio white  | <b>2561-84</b>   | 2CKA001753A0403 | 10       |
| grey metallic <sup>1)</sup>   | <b>2561-803</b>  | 2CKA001753A0399 | 10       |


<sup>1)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b><br>For 2 modular jack inserts.<br>Suitable for Art. No. 0210 and 0211.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>2561-02-82</b>   | 2CKA001753A0392 | 10       |
| studio white  | <b>2561-02-84</b>   | 2CKA001753A0394 | 10       |
| grey metallic <sup>1)</sup>   | <b>2561-02-803</b>  | 2CKA001753A0316 | 10       |

<sup>1)</sup> Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1746/10-82</b>  | 2CKA001710A3521 | 10       |
| studio white  | <b>1746/10-84-500</b>  | 2CKA001710A3993 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1746/10-803</b>   | 2CKA001710A3857 | 10       |

<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Intermediate ring<br/>Reflex SI/SI Linear</b><br>For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1747 SI-82</b>  | 2CKA001710A3862 | 10       |
| studio white  | <b>1747 SI-84</b>  | 2CKA001710A3863 | 10       |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Intermediate ring<br/>Busch-balance® SI</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1747 BSI-82</b>  | 2CKA001710A4094 | 10       |
| studio white  | <b>1747 BSI-84</b>  | 2CKA001710A4096 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1747 BSI-803</b>   | 2CKA001710A4092 | 10       |

<sup>1)</sup> Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1746-82</b>   | 2CKA001710A3149 | 10       |
| studio white  | <b>1746-84</b>   | 2CKA001710A3167 | 10       |
| grey metallic <sup>1)</sup>   | <b>1746-803</b>  | 2CKA001710A3858 | 10       |

<sup>1)</sup> Surface painted.




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| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Intermediate ring with hinged lid <sup>1)</sup><br/>Busch-balance® SI</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>With sealing ring.<br>With hinged lid.<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 63 mm x 63 mm x 20 mm |                 |          |
| ivory white   | <b>2518-WD-82</b>   | 2CKA001719A0218 | 10       |
| studio white  | <b>2518-WD-84</b>   | 2CKA001719A0220 | 10       |
| grey metallic <sup>2)</sup>   | <b>2518-WD-803</b>  | 2CKA001719A0216 | 10       |

<sup>1)</sup> Combinable only with covers for flush-mounted inserts


<sup>2)</sup> Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>XLR centre plate</b><br>As cover for Neutrik plug connectors, type D series.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| ivory white  | <b>2553-82</b>  | 2CKA001724A4400 | 10 |
| studio white   | <b>2553-84</b>  | 2CKA001724A4402 | 10 |
| grey metallic <sup>1)</sup>  | <b>2553-803</b>   | 2CKA001724A4398 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate<br/>with metal mounting plate</b><br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Knock-out openings 6, 8, 18 mm.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1748-82</b>  | 2CKA001710A3655 | 10 |
| studio white  | <b>1748-84</b>  | 2CKA001710A3656 | 10 |
| grey metallic <sup>1)</sup>   | <b>1748-803</b>   | 2CKA001710A3851 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate<br/>with metal mounting plate</b><br>As cover for BNC and TNC sockets.<br>Knock-out openings 6, 8, 18 mm.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1750-82</b>   | 2CKA001710A3148 | 10 |
| studio white  | <b>1750-84</b>   | 2CKA001710A3166 | 10 |
| grey metallic <sup>1)</sup>   | <b>1750-803</b>  | 2CKA001710A3859 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Equipotential socket outlet<br/>2gang</b><br>Without claws.<br>For connecting wires up to 1 x 6 mm <sup>2</sup> and 4 x 2.5 mm <sup>2</sup> .<br>IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007<br>Connection bolts German Standard DIN 42801.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>2095 UC-82</b>   | 2CKA002495A0085 | 10 |
| studio white  | <b>2095 UC-84</b>   | 2CKA002495A0086 | 10 |
| grey metallic <sup>1)</sup>   | <b>2095 UC-803</b>  | 2CKA002495A0097 | 10 |

<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate<br/>with metal mounting plate</b><br>With screw-type terminal.<br>Fixed with central locknut.<br>As cover for pilot devices with a diameter of 22.5 mm<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>2533-82</b>  | 2CKA001724A4255 | 10       |
| yellow  | <b>2533-82-15</b>   | 2CKA001724A4382 | 10       |
| studio white  | <b>2533-84</b>  | 2CKA001724A4256 | 10       |
| grey metallic <sup>1)</sup>   | <b>2533-803</b>   | 2CKA001724A4407 | 10       |

<sup>1)</sup> Surface painted.


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup><br/>with metal mounting plate</b><br>for communication devices.<br>With labelling field 60.2 x 10.2 mm.<br>Without claws.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1758-82</b>   | 2CKA001724A2759 | 10     |
| studio white  | <b>1758-84</b>   | 2CKA001724A2761 | 10/100 |
| grey metallic <sup>2)</sup>   | <b>1758-803</b>  | 2CKA001724A4292 | 10     |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).



<sup>2)</sup> Surface painted.

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| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio DAB+ <sup>1)</sup></b><br/> DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br/> With high-resolution colour display for showing additional information.<br/> Reception frequency: 87.50 MHz - 108.00 MHz.<br/> Receive frequency (DAB+): 174 MHz – 240 MHz.<br/> With external AUX input/output, reversible.<br/> For mono/stereo operation.<br/> 8 radio stations storable.<br/> With time and date display.<br/> With individual alarm and snooze function.<br/> With automatic switch-off function (automatic sleep mode).<br/> With extension input to remote-controlled ON/OFF switches.<br/> With integrated antenna.<br/> With additional connection for external antenna.<br/> Permitted speaker impedance: 4 - 8 Ohm<br/> Can be installed as 1gang and in multiple combinations.<br/> Control element: 4-button operation via floating rocker<br/> Display elements: ICU graphic display with 280 DPI.<br/> Rated voltage: 230 V~, +10 % / -10 %<br/> Rated frequency: 50 Hz - 60 Hz<br/> Control/Signal outputs: 2, Loudspeaker output, impedance 4 Ohm<br/> Rated power: 2 W (RMS)<br/> Protection class (Device): IP 20<br/> Temperature range (Device): 5 °C to 40 °C<br/> Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/> Mounting depth: 32 mm</p> | <b>8215 U-101-500</b> | 2CKA008200A0276 | 1/10     |




<sup>1)</sup>No claw. Screw-fixing via keyholes.

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio BTconnect DAB+ <sup>1)</sup></b><br/> <b>With Bluetooth interface for music replay.</b><br/> DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br/> With high-resolution colour display for showing additional information.<br/> With Bluetooth interface for music replay of mobile devices.<br/> Connection of external Bluetooth loudspeakers possible.<br/> Reception frequency: 87.50 MHz - 108.00 MHz.<br/> Receive frequency (DAB+): 174 MHz – 240 MHz.<br/> With external AUX input/output, reversible.<br/> For mono/stereo operation.<br/> 8 radio stations storable.<br/> With time and date display.<br/> With individual alarm and snooze function.<br/> With automatic switch-off function (automatic sleep mode).<br/> With extension input to remote-controlled ON/OFF switches.<br/> With integrated antenna.<br/> With additional connection for external antenna.<br/> Permitted speaker impedance: 4 - 8 Ohm<br/> Can be installed as 1gang and in multiple combinations.<br/> Bluetooth specification: 4.2.<br/> Bluetooth profiles supported: A2DP<br/> Number of stored Bluetooth connections: max. 8<br/> Control element: 4-button operation via floating rocker<br/> Display elements: ICU graphic display with 280 DPI.<br/> Rated voltage: 230 V~, +10 % / -10 %<br/> Rated frequency: 50 Hz - 60 Hz<br/> Rated power: 2 W (RMS)<br/> Protection class (Device): IP 20<br/> Temperature range (Device): 5 °C to 40 °C<br/> Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/> Mounting depth: 32 mm</p> <p> <b>Bluetooth™</b></p> | <b>8217 U-101-500</b> | 2CKA008200A0279 | 1/10     |




<sup>1)</sup>No claw. Screw-fixing via keyholes.

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| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-Radio iNet<sup>1) 2) 3) 4)</sup></b><br/>           WLAN Internet radio alarm clock for flush-mounted installation.<br/>           For the reception of national and international radio stations via Internet.<br/>           Radio station search possible via various genres.<br/>           With high resolution graphic display and background illumination.<br/>           With external AUX input.<br/>           Integrated web-server for configuration and control.<br/>           Remote operation with smartphone via browser surface.<br/>           UPnP replay function. It is controlled via smartphone.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With alarm function.<br/>           With short-time timer.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated WLAN antenna.<br/>           WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).<br/>           WLAN safety: WPA / WPA2.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm<br/>           Mounting depth: 33 mm</p> <p><b>APP</b></p> | <b>8216 U-500</b> | 2CKA008200A0153 | 1/10     |
|  <p><b>Loudspeaker insert<sup>1)</sup></b><br/> <b>5 cm (2")</b><br/>           With flat plug connector.<br/>           With broadband characteristics.<br/>           Rated output: 2 W (RMS)<br/>           Incl. speaker connection cable.<br/>           Frequency response: 200 - 20,000 Hz<br/>           Impedance: 4 Ohm<br/>           Protection class (Device): IP 20, SELV<br/>           Mounting depth: 32 mm</p>  | <b>8223 U-500</b> | 2CKA008200A0183 | 1/10     |
|  <p><b>Flush Mounted Inserts Flush-mounted installation boxes and inserts</b><br/>           Multi media connector ins.</p>   | <b>8231 U</b>     | 2CKA008200A0223 | 1/10     |


<sup>1)</sup> No claw. Screw-fixing via keyholes.<sup>2)</sup> Matching loudspeaker insert 8223 U.<sup>3)</sup> Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).<sup>4)</sup> To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Busch-powerDock Insert<sup>1) 2) 3) 4)</sup></b><br/>           For charging and supplying mobile terminal devices.<br/>           With quick charging function for devices compatible with quick-charge™.<br/>           Makes possible fast charging of the mobile terminal device.<br/>           Rated voltage: 100 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Suitable for: Apple terminal device<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with USB-C connection<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge™ function.<br/>           Rated current: 2 A<br/>           Output voltage: 9 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm<br/>           Mounting depth: 32 mm</p> | <b>6473 U-500</b>  | 2CKA006400A0039 | 1/10     |
|  <p><b>Busch-powerDock Charging cradle with Apple lightning connection<sup>1)</sup></b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with lightning connection.<br/>           For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.<br/>           For iPhone 8 Plus, iPhone 8.<br/>           For iPhone 7 Plus, iPhone 7.<br/>           For iPhone SE.<br/>           For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.<br/>           For iPhone 5s, iPhone 5c, iPhone 5.<br/>           For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).<br/>           Suitable for use with protective covers certified by Apple.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p>   | <b>6473-500</b>    | 2CKA006400A0081 | 1/10     |
|  <p><b>Busch-powerDock Charging cradle with USB-C connection</b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with USB-C connection.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p>  | <b>6473/11-500</b> | 2CKA006400A0083 | 1/10     |


<sup>1)</sup> No claw. Screw-fixing via keyholes.<sup>2)</sup> The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.<sup>3)</sup> In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.<sup>4)</sup> In these cases the quick-charging function of the terminal device is not enabled.<sup>1)</sup> Not released for use with the iPad.

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| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>With USB-A &amp; USB-C interface</b><br/>           For supply and support of mobile devices via USB-cable.<br/>           With USB type A and USB type C female connector.<br/>           To support two devices at the same time.<br/>           Supports automatic negotiating of optimum charging parameters for the shortest charging times.<br/>           Support of loading protocol on the USB-A connection:<br/>           Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>           Support of the additional quick-charge protocols:<br/>           USB-PD and quick-charge 3.0 &amp; 4.0.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Rated voltage: 220 - 230 V AC<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 2x USB charging interface<br/>           Suitable for: Only USB-A bus occupied:<br/>           Rated current: 3000 mA<br/>           Output voltage: 5 V-<br/>           Suitable for: Only USB-C bus occupied:<br/>           Rated power: 18 W<br/>           Suitable for: USB-A and USB-C bus occupied. Total:<br/>           Rated current: 3250 mA<br/>           Output voltage: 5 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 0 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm<br/>           Mounting depth: 32 mm</p> | <b>6475 U-500</b> | 2CKA006400A0399 | 1        |


<sup>1)</sup> No claw. Screw-fixing via keyholes.<sup>2)</sup> No data transfer.<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.

|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>HDMI connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.<br/>           HDMI-type A, 3D-compatible.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 20-wire HDMI-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | <b>0261/31-500</b> | 2CKA000230A0430 | 1 |
|   | <b>0261/33-500</b> | 2CKA000230A0432 | 1 |
| <b>0261/32-500</b>  | 2CKA000230A0431    | 1               |   |


<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.


| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>VGA connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To link analogue video data between PCs and laptops to monitors or digital projectors etc. VGA-type: D-type, 15-pole. Fully HD ready (1920 x 1080 pixel). For 15-wire VGA-cables via screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended. Without cover plate. Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | <b>0261/21-500</b> | 2CKA000230A0424 | 1        |
|  | <b>0261/23-500</b> | 2CKA000230A0426 | 1        |
| <b>0261/22-500</b>   | 2CKA000230A0425    | 1               |          |

<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>USB connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc. USB-type A, USB 2.0 compatible. For 5-wire USB- cables via screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate. Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | <b>0261/11-500</b> | 2CKA000230A0418 | 1 |
|   | <b>0261/13-500</b> | 2CKA000230A0420 | 1 |
| <b>0261/12-500</b>  | 2CKA000230A0419    | 1               |   |







<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. USB cable lengths.







|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>Communication adapter for BNC-F Duct-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | <b>0262/11-500</b> | 2CKA000230A0436 | 1 |
|   | <b>0262/13-500</b> | 2CKA000230A0438 | 1 |
| <b>0262/12-500</b>  | 2CKA000230A0437    | 1               |   |

|   |                 |                 |   |
|---|-----------------|-----------------|---|
|  <p><b>F duct-jack for communication adapter</b><br/>           For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver.<br/>           With screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Protection class (Device): IP 20</p> | <b>0262-500</b> | 2CKA000230A0440 | 1 |
|---|-----------------|-----------------|---|

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| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Communication adapter for Cinch-jacks</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To support 1 or 2 jacks. For trunk systems, flush-mounted wall boxes and underfloor systems. Without cover plate. Without claws. Protection class (Device): IP 20       |                 |          |
| white   | <b>0263/11-500</b>   | 2CKA000230A0444 | 1        |
| grey  | <b>0263/13-500</b>   | 2CKA000230A0446 | 1        |
| alpine white  | <b>0263/12-500</b>   | 2CKA000230A0445 | 1        |
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets. Audio-band 20Hz - 20kHz. Marked white: audio , channel left. With soldering tag. Protection class (Device): IP 20   |                 |          |
| alpine white  | <b>0263/04-500</b>   | 2CKA000230A0451 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets. Audio-band 20Hz - 20kHz. Marked black: audio , channel left. With soldering tag. Protection class (Device): IP 20   |                 |          |
| black   | <b>0263/05-500</b>   | 2CKA000230A0452 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets. Audio-band 20Hz - 20kHz. Marked red: audio , channel left. With soldering tag. Protection class (Device): IP 20   |                 |          |
| Red   | <b>0263/06-500</b>   | 2CKA000230A0453 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers. Marked yellow: audio , channel left. With soldering tag. Protection class (Device): IP 20   |                 |          |
| yellow  | <b>0263/07-500</b>   | 2CKA000230A0454 | 1        |
|  | <b>Communication adapter for Mini-jacks 3,5mm.</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To support 1 or 2 jacks. For trunk systems, flush-mounted wall boxes and underfloor systems. Without cover plate. Without claws. Protection class (Device): IP 20 |                 |          |
| white   | <b>0264/11-500</b>   | 2CKA000230A0458 | 1        |
| grey  | <b>0264/13-500</b>   | 2CKA000230A0460 | 1        |
| alpine white  | <b>0264/12-500</b>   | 2CKA000230A0459 | 1        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Mini-jack 3,5 mm for communication adapter</b><br>For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz. With soldering tag. Protection class (Device): IP 20              |                 |          |
| chrome gloss  | <b>0264-500</b>  | 2CKA000230A0462 | 1        |
|    | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm <sup>2</sup> . Polarity is indicated by color. With claw. Protection class (Device): IP 20 |                 |          |
| white   | <b>0248/02-101</b>   | 2CKA000230A0402 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |  |                 |          |
|   | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm <sup>2</sup> . Polarity is indicated by color. With claw. Protection class (Device): IP 20 |                 |          |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |  |                 |          |
|  | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm <sup>2</sup> . Polarity is indicated by color. With claw. Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>0248/05-101</b>   | 2CKA000230A0404 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |  |                 |          |
|  | <b>Cover plate</b><br>For Busch-Radio DAB+ 8215 U-101.<br>For Busch-Radio BTconnect DAB+ 8217 U-101.<br>For Busch-Radio iNet 8216 U.   |                 |          |
| ivory white   | <b>8252-82-101-500</b>   | 2CKA008200A0251 | 10       |
| studio white  | <b>8252-84-101-500</b>   | 2CKA008200A0255 | 10       |
| grey metallic <sup>1)</sup>   | <b>8252-803-101-500</b>  | 2CKA008200A0257 | 10       |
| <sup>1)</sup> Surface painted.  |  |                 |          |
|  | <b>Cover plate</b><br>For loudspeaker insert 8223 U.   |                 |          |
| ivory white   | <b>8253-82</b>   | 2CKA008200A0079 | 1/10     |
| studio white  | <b>8253-84</b>   | 2CKA008200A0081 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>8253-803</b>  | 2CKA008200A0115 | 1/10     |
| <sup>1)</sup> Surface painted.  |  |                 |          |

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| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate media connector. |                 |          |
| ivory white   | <b>8256-84</b>   | 2CKA008200A0224 | 1/10     |
| studio white  | <b>8256-82</b>   | 2CKA008200A0229 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>8256-803</b>  | 2CKA008200A0230 | 1/10     |


<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1766-82</b>  | 2CKA001710A3144 | 10/100 |
| studio white  | <b>1766-84-500</b>  | 2CKA001710A3992 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1766-803</b>   | 2CKA001710A3854 | 10     |


<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover plate</b><br>With fixing claws.<br>loudspeaker inserts and cover.<br>With soldering tag.<br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Protection class (Device): IP 20 |                 |        |
| ivory white   | <b>1751-82</b>  | 2CKA001723A0239 | 10     |
| studio white  | <b>1751-84</b>  | 2CKA001723A0240 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1751-803</b>   | 2CKA001723A0257 | 10     |

<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate with rotary control, with marking</b><br>As a cover for volume controllers.<br>Suitable for the >LR mono BJ FM< devices of WHD.<br>Protection class (Device): IP 20 |                 |    |
| ivory white   | <b>1740 DR/03-82</b>   | 2CKA001710A3807 | 10 |
| studio white  | <b>1740 DR/03-84</b>   | 2CKA001710A3808 | 10 |
| grey metallic <sup>1)</sup>   | <b>1740 DR/03-803</b>  | 2CKA001710A4119 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate for Busch-powerDock</b><br>For Busch-powerDock charging cradle. |                 |        |
| ivory white   | <b>6477-82</b>   | 2CKA006400A0057 | 10     |
| studio white  | <b>6477-84</b>   | 2CKA006400A0059 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>6477-803</b>  | 2CKA006400A0060 | 10     |

<sup>1)</sup>Surface painted.


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## Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1094 U-500</b>   | 2CKA001032A0512 | 1/10     |

|                                    |   |
|------------------------------------|---|
| <b>Mounting boxes:</b>             | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |
| <b>2gang product combinations:</b> | 2gang combination with adapter plate APBS in Dual Box only. |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br><b>Slide switch</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 U-500</b>   | 2CKA001032A0514 | 1/10 |


|                        |  |
|------------------------|--|
| <b>Mounting boxes:</b> | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB. |
|------------------------|--|

|                                    |   |
|------------------------------------|---|
| <b>2gang product combinations:</b> | 2gang combination with adapter plate APBS in Dual Box only. |
|------------------------------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.<sup>3)</sup> Switching temperature difference: ± 0.5 K.

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## Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)<br/><b>Sliding switch, 24 V</b><br/>With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>Switch contact opens when the set temperature is reached.<br/>With fixing claws.<br/>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 24 V~<br/>Rated current: 1 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</b> |                 |          |
|   | <b>1096 U</b>   | 2CKA001032A0485 | 1        |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)<br/><b>1gang 2way</b><br/>With fixing claws.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 5 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</b> |                 |      |
|   | <b>1097 U-500</b>  | 2CKA001032A0513 | 1/10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.  |                 |      |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.   |                 |      |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)<br/><b>Actual value indication</b><br/>With actual value temperature display<br/>Automatic controller calibration<br/>Switch contact opens when the set temperature is reached.<br/>With fixing claws.<br/>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 10 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</b> |                 |          |
|   | <b>1094 UTA</b>   | 2CKA001032A0487 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)<br/><b>Sliding switch, actual value indication</b><br/>With actual value temperature display<br/>Automatic controller calibration<br/>Switch contact opens when the set temperature is reached.<br/>With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>With fixing claws.<br/>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 10 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</b> |                 |      |
|   | <b>1095 UTA</b>   | 2CKA001032A0488 | 1/10 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

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## Room thermostats

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)</b><br/> <b>Sliding switch, actual value indication, 24 V</b><br/>           With actual value temperature display<br/>           Automatic controller calibration<br/>           Switch contact opens when the set temperature is reached.<br/>           With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>           With fixing claws.<br/>           Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 24 V~<br/>           Rated current: 1 A<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>           60730-2-9, British Standard EN 60669-2-1</p> | <b>1096 UTA</b> | 2CKA001032A0489 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|  |                 |                 |      |
|--|-----------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)</b><br/> <b>Change-over contact, actual value indication</b><br/>           With actual value temperature display<br/>           Automatic controller calibration<br/>           With fixing claws.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 5 A<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>           60730-2-9, British Standard EN 60669-2-1</p> | <b>1097 UTA</b> | 2CKA001032A0490 | 1/10 |
|--|-----------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|  |                   |                 |      |
|--|-------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)</b><br/> <b>Change-over contact, setpoint indication, timer</b><br/>           With change-over contact.<br/>           Easy adjustment using menu and text-based display.<br/>           4 switching times per day can be user-defined for each day of the week.<br/>           With fixing claws.<br/>           Automatic summer/wintertime switch-over<br/>           Power reserve &gt; 10 hours.<br/>           To fit cover plate 6435-xxx.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 10 A<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>           60730-2-9</p> | <b>1098 U-101</b> | 2CKA001032A0508 | 1/10 |
|--|-------------------|-----------------|------|


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><br/> <b>Remote sensor</b><br/>           With remote sensor and thermal feedback<br/>           For underfloor heating.<br/>           With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Remote sensor cable length: 4 m.<br/>           Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br/>           Adjusting range: +10 to +50° C.<br/>           Connecting cable: 1mm<sup>2</sup> to 2.5 mm<sup>2</sup><br/>           Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 16 A, cos φ 1<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>           60730-2-9, British Standard EN 60669-2-1</p> | <b>1095 UF</b> | 2CKA001032A0497 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |                    |                 |      |
|---|--------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup> 2)</b><br/> <b>Change-over contact, setpoint indication, timer, remote sensor</b><br/>           With change-over contact.<br/>           Easy adjustment using menu and text-based display.<br/>           4 switching times per day can be user-defined for each day of the week.<br/>           With fixing claws.<br/>           Automatic summer/wintertime switch-over<br/>           Remote sensor cable length: 4 m.<br/>           Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br/>           Power reserve &gt; 10 hours<br/>           To fit cover plate 6435-xxx.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 16 A<br/>           Temperature range (Device): 10 °C to 50 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br/>           60730-2-9</p> | <b>1098 UF-101</b> | 2CKA001032A0509 | 1/10 |
|---|--------------------|-----------------|------|


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.



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## Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Heating/cooling</b><br>With separate connection (230 V~) for external switchover between heating or cooling. Switch contact opens when the set temperature is reached. With fixing claws. Nominal current: 10 A heating. Nominal current: 5 A cooling<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1099 UHK</b>   | 2CKA001032A0515 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|  |   |                 |      |
|--|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Heating/cooling, sliding switch</b><br>With built-in sliding switch for switchover between cooling or heating. Switch contact opens when the set temperature is reached. With fixing claws. Nominal current: 10 A heating. Nominal current: 5 A cooling<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |      |
|  | <b>1099 UHKEA</b>   | 2CKA001032A0516 | 1/10 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room thermostats 1094 U/UF, 1097 U/UF. |                 |    |
| ivory white   | <b>1794-82</b>   | 2CKA001710A3543 | 10 |
| studio white  | <b>1794-84</b>   | 2CKA001710A3544 | 10 |
| grey metallic <sup>1)</sup>   | <b>1794-803</b>  | 2CKA001710A3847 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>With sliding switch for nightly room temperature reduction.<br>to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF. |                 |    |
| ivory white   | <b>1795-82</b>   | 2CKA001710A3568 | 10 |
| studio white  | <b>1795-84</b>   | 2CKA001710A3569 | 10 |
| grey metallic <sup>1)</sup>   | <b>1795-803</b>  | 2CKA001710A3848 | 10 |

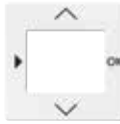
<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for room thermostat</b><br>For room thermostats 1094 UTA, 1097 UTA. |                 |          |
| ivory white   | <b>1794 TA-82</b>  | 2CKA001710A3696 | 10       |
| studio white  | <b>1794 TA-84</b>  | 2CKA001710A3698 | 10       |
| grey metallic <sup>1)</sup>   | <b>1794 TA-803</b>   | 2CKA001710A3849 | 10       |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>With sliding switch for nightly room temperature reduction.<br>For room thermostats 1095 UTA, 1096 UTA. |                 |    |
| ivory white   | <b>1795 TA-82</b>   | 2CKA001710A3723 | 10 |
| studio white  | <b>1795 TA-84</b>   | 2CKA001710A3725 | 10 |
| grey metallic <sup>1)</sup>   | <b>1795 TA-803</b>  | 2CKA001710A3850 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For comfort timer control element 6455-101-500.<br>For standard timer control element 6456-101.<br>For room thermostats 1098 U-101 and 1098 UF-101.<br>For short-time timer 6465 U-101.<br>For Busch-CO2 sensor 1091 U-500.<br>For blind compact timer 6422 U. |                 |    |
| ivory white   | <b>6435-82</b>   | 2CKA006430A0304 | 10 |
| studio white  | <b>6435-84</b>   | 2CKA006430A0306 | 10 |
| grey metallic <sup>1)</sup>   | <b>6435-803</b>  | 2CKA006430A0351 | 10 |

<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room temperature controller 1099 UHK. |                 |    |
| ivory white   | <b>1795 HK-82</b>   | 2CKA001710A4015 | 10 |
| studio white  | <b>1795 HK-84</b>   | 2CKA001710A4017 | 10 |
| grey metallic <sup>1)</sup>   | <b>1795 HK-803</b>  | 2CKA001710A4012 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room temperature controller 1099 UHKEA.<br>With sliding switch for switchover between cooling or heating. |                 |    |
| ivory white   | <b>1795 HKEA-82</b>   | 2CKA001710A4047 | 10 |
| studio white  | <b>1795 HKEA-84</b>   | 2CKA001710A4049 | 10 |
| grey metallic <sup>1)</sup>   | <b>1795 HKEA-803</b>  | 2CKA001710A4044 | 10 |


<sup>1)</sup> Surface painted.

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LED light

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Info light unit <sup>1) 2)</sup></b><br>Size of information field 43 x 43 mm.<br>Long service life of the lighting element (LEDs).<br>Homogeneous backlighting of the information field.<br>Colour temperature 6,500 K (cold white)<br>Power consumption: < 0.5 W<br>Rated voltage: 230 V~<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2062 U</b>   | 2CKA001511A0115 | 1/10     |


<sup>1)</sup> Use relay inserts when switching through movement sensors or comfort switches.<sup>2)</sup> For switching the LED flush mounted insert use switches without orientation light only.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1) 2)</sup></b><br>As cover for flush-mounted info light.<br>For insert 2062 U.<br>Size of information field 43 x 43 mm.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1716-82</b>   | 2CKA001731A1922 | 1        |
| studio white  | <b>1716-84</b>   | 2CKA001731A1923 | 1        |
| grey metallic <sup>3)</sup>   | <b>1716-803</b>  | 2CKA001731A1976 | 1        |


<sup>1)</sup> Included with the cover are 46 different text labels and symbols.<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>3)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for indication lamp</b><br>For insert 2061/2661 U.<br>As cover for flush-mounted light signal.<br>Protection class (Device): IP 20 |                 |          |
| ivory white   | <b>1756-82</b>  | 2CKA001753A0090 | 10       |
| studio white  | <b>1756-84</b>  | 2CKA001753A0092 | 10       |
| grey metallic <sup>1)</sup>   | <b>1756-803</b>   | 2CKA001753A0088 | 10       |


<sup>1)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cap for indication lamp</b><br>For indication lamps.<br>Protection class (Device): IP 20 |                 |          |
| clear-transparent   | <b>1565-11</b>  | 2CKA001565A0167 | 10       |
| red   | <b>1565-12</b>  | 2CKA001565A0175 | 10       |
| green   | <b>1565-13</b>  | 2CKA001565A0183 | 10       |


WaveLINE control elements

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>RF remote control</b><br>• Network-independent radio control.<br>• For switching and dimming.<br>• For controlling blinds and light scenes.<br>• With 3 groups (A, B or C) with 5 pairs of channels.<br>• There are 15 radio channels operated singly or up to 30 light scenes can be called. |                 |          |
|   | <b>6780</b>  | 2CKA006780A0002 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>1-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• Functions via radio control: ON/OFF, timer and light scene control.<br>• Functions via the extension unit: ON/OFF, timer and sending a radio control telegram.<br>• Operation via conventional push button (2020 US/2021/6 UK) possible. |                 |          |
|   | <b>6701-101-500</b>   | 2CKA006700A0040 | 1        |

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>1-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• For functions ON/OFF, timer and lightscene control.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.<br>• For remote control WaveLINE 6780.<br>• Switch-off delay: Adjustable between 10 s to 5 min. |                 |          |
|  | <b>6702-500</b>  | 2CKA006700A0023 | 1        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>2-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• For operation mode 2gang switch, 2 separate outputs.<br>• For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).<br>• For functions: ON/OFF and light scene control.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx |                 |          |
|   | <b>6703-500</b>  | 2CKA006700A0024 | 1        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Dimm Aktor WaveLINE</b><br>• For wireless switching and dimming of electrical loads.<br>• For functions ON/OFF, dimming and lightscene control.<br>• With soft ON/OFF function.<br>• With selectable light value storage.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx. |                 |          |
|   | <b>6704-500</b>  | 2CKA006700A0025 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Serien/Jalousieaktor WaveL</b><br>• For wireless switching of electrical loads.<br>• For driving and adjusting blinds/shutters and awnings over radio.<br>• Functions via radio control: 2gang switch, blind switch and light scene control.<br>• Functions via extension unit: 2gang switch, blind switch and send radio control telegram.<br>• Operation via conventional push button (2020 US/2021/6 UK) possible. |                 |          |
|   | <b>6705-101-500</b>  | 2CKA006700A0042 | 1        |

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## WaveLINE inserts / control elements

| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>2-fach Binärein. WaveLINE</b></p> <ul style="list-style-type: none"> <li>Radio control telegrams are sent when the two extension units are activated with mains voltage (AC 230 V~).</li> <li>Operation via conventional push button (2020 US/2021/6 UK) possible.</li> <li>The 2gang binary input has 5 function modes:               <ol style="list-style-type: none"> <li>2-channel switching</li> <li>2-channel dimming</li> <li>1 channel blind</li> <li>Two-channel light scene control</li> <li>Channel 1: Switching ON<br/>Channel 2: Continuous switching ON/OFF</li> </ol> </li> </ul> | <b>6725-500</b> | 2CKA006720A0008 | 1        |


|   |                    |                 |      |
|---|--------------------|-----------------|------|
|  <p><b>Wall-mounted transmitter WaveLINE 1) 2) 1-channel</b></p> <p>1gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 1 radio channel can be operated or up to 2 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. Compatible with WaveLINE KNX gateway TP-RF 6770. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Control element: rocker switch left/right Display elements: LED to indicate the transmission Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6731-82-500</b> | 2CKA006730A0032 | 1/10 |
|   | <b>6731-84-500</b> | 2CKA006730A0038 | 1/10 |

<sup>1)</sup> Battery included in delivery.<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

## ZigBee Light Link inserts / control elements

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Wall-mounted transmitter WaveLINE 1) 2) 2-channel</b></p> <p>2gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 2 radio channels can be operated or up to 4 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Control element: rocker switch left/right Display elements: LED to indicate the transmission Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6732-82-500</b> | 2CKA006730A0033 | 1/10     |
|   | <b>6732-84-500</b> | 2CKA006730A0039 | 1/10     |

<sup>1)</sup> Battery included in delivery.<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).






|   |                    |                 |      |
|---|--------------------|-----------------|------|
|  <p><b>Wall-mounted transmitter WaveLINE 1) 2) 4-channel</b></p> <p>4gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 4 radio channels can be operated or up to 8 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Control element: rocker switch left/right Display elements: LED to indicate the transmission Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6733-82-500</b> | 2CKA006730A0034 | 1/10 |
|   | <b>6733-84-500</b> | 2CKA006730A0040 | 1/10 |

<sup>1)</sup> Battery included in delivery.<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).



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ZigBee Light Link inserts / control elements

WaveLINE control elements

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>ZLL-Power supply insert</b></p> <ul style="list-style-type: none"> <li>• With electronic short-circuit protection.</li> <li>• With electronic overload protection.</li> <li>• For ZigBee Light Link control element 6735-xxx, 6736-xxx and 6737-xxx.</li> <li>• Without control cover.</li> <li>• Rated voltage: 230 V~, +10 % / -10 %</li> <li>• Secondary: 5 V-, +5 % / -5 %</li> </ul>   | <b>6710 U-500</b>  | 2CKA006710A0005 | 1        |
|  <p><b>ZLL-Relay insert</b></p> <ul style="list-style-type: none"> <li>• 3 wire connection (neutral conductor required).</li> <li>• For switching retrofit LED lamps (LEDi).</li> <li>• For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.</li> <li>• Without control cover.</li> </ul>  | <b>6711 U-500</b>  | 2CKA006710A0006 | 1        |
|  <p><b>ZLL-Dimmer insert</b></p> <ul style="list-style-type: none"> <li>• Touch dimmer.</li> <li>• For wireless switching and dimming of electrical loads.</li> <li>• 3 wire connection (neutral conductor required).</li> <li>• Optimised for dimming of retrofit LED lamps (LEDi).</li> <li>• For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.</li> </ul>  | <b>6715 U-500</b>  | 2CKA006710A0007 | 1        |
|  <p><b>ZLL-Plug-in unit Switch</b></p> <ul style="list-style-type: none"> <li>• Plug device for switching electric loads up to 1,380 W/VA.</li> <li>• Control of thermal positioners for heating control possible.</li> <li>• Not for electrical heating devices.</li> <li>• Connected load can be activated/deactivated via micro switch.</li> <li>• Send/receive frequency: 2.4 GHz.</li> </ul>  | <b>6717-84-500</b> | 2CKA006710A0008 | 1        |
|  <p><b>ZigBee Light Link wall-mounted transmitter 1-channel</b></p> <p>1gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 2 light scenes. For dimming a light scene. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery) Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> | <b>6735/01-82</b>  | 2CKA006730A0080 | 1        |
| ivory white   | <b>6735/01-82</b>  | 2CKA006730A0080 | 1        |
| studio white  | <b>6735/01-84</b>  | 2CKA006730A0082 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>6735/01-803</b> | 2CKA006730A0117 | 1        |


<sup>1)</sup>Surface painted.

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>ZigBee Light Link wall-mounted transmitter 2-channel</b></p> <p>2gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 4 light scenes. For dimming 2 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery) Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p>   | <b>6736/01-82</b>  | 2CKA006730A0084 | 1        |
| ivory white  | <b>6736/01-82</b>  | 2CKA006730A0084 | 1        |
| studio white   | <b>6736/01-84</b>  | 2CKA006730A0086 | 1/10     |
| grey metallic <sup>1)</sup>  | <b>6736/01-803</b> | 2CKA006730A0121 | 1        |
|  <p><b>ZigBee Light Link wall-mounted transmitter 4-channel</b></p> <p>4gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 8 light scenes. For dimming 4 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery) Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> | <b>6737/01-82</b>  | 2CKA006730A0088 | 1        |
| ivory white  | <b>6737/01-82</b>  | 2CKA006730A0088 | 1        |
| studio white   | <b>6737/01-84</b>  | 2CKA006730A0090 | 1/10     |
| grey metallic <sup>1)</sup>  | <b>6737/01-803</b> | 2CKA006730A0127 | 1        |


<sup>1)</sup>Surface painted.

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## WaveLINE control elements

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>1gang</b>   |                 |          |
|   | For wireless switching and dimming of electrical loads.<br>For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 2 light scenes or dimming a light scene.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>Push-button function: Switching/dimming/light scenes.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |          |
| ivory white   | <b>6735-82</b>   | 2CKA006730A0068 | 1        |
| studio white  | <b>6735-84</b>   | 2CKA006730A0070 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>6735-803</b>  | 2CKA006730A0099 | 1        |

<sup>1)</sup> Surface painted.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>ZigBee Light Link control element<br/>2gang</b>   |                 |      |
|   | For wireless switching and dimming of electrical loads.<br>For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 4 light scenes or dimming 2 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |      |
| ivory white   | <b>6736-82</b>   | 2CKA006730A0072 | 1    |
| studio white  | <b>6736-84</b>   | 2CKA006730A0074 | 1/10 |
| grey metallic <sup>1)</sup>   | <b>6736-803</b>  | 2CKA006730A0105 | 1    |

<sup>1)</sup> Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>4gang</b>   |                 |          |
|   | For wireless switching and dimming of electrical loads.<br>For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 8 light scenes or dimming 4 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |          |
| ivory white   | <b>6737-82</b>   | 2CKA006730A0076 | 1        |
| studio white  | <b>6737-84</b>   | 2CKA006730A0078 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>6737-803</b>  | 2CKA006730A0111 | 1        |

<sup>1)</sup> Surface painted.


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Accessories

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> <sup>2)</sup><br/>1gang, with labelling field</b><br>With operating knob.<br>For signal/cancel push-button 1520/1 UK.<br>For monitoring unit 1511 U.<br>For Busch-Leakage guard insert 1531 U.<br>With labelling field 61 x 20 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |          |
| studio white  | <b>1571 CN-84</b>   | 2CKA001582A0346 | 10       |

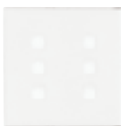
<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1)</sup> <sup>2)</sup><br/>2gang, with labelling field</b><br>With operating knob.<br>For signal push-button insert 1520/1 UKZ.<br>With labelling field 61 x 20 mm.<br>With exchangeable inlays in red and green for the individual designation of the operating knob.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1572 CN-84</b>  | 2CKA001582A0348 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1)</sup> <sup>2)</sup><br/>with red and neutral light panel and labelling field</b><br>For Alarm Control Unit insert 1515 U-12.<br>For Busch-Alarm signal insert 1563 U-12.<br>For indication lamp insert 1564 U-1x.<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1573 CN-84</b>  | 2CKA001582A0350 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1)</sup> <sup>2)</sup><br/>6gang, illuminable, with labelling field</b><br>For signal panel insert 1566 U.<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1575 CN-84</b>  | 2CKA001582A0353 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup> <sup>2)</sup><br/>with labelling field</b><br>For power supply insert 1518 U.<br>For relay insert 1539 U.<br>For signal generator insert 1561 U-....<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1576 CN-84</b>   | 2CKA001582A0355 | 10 |

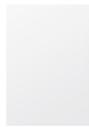
<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Extension of claws <sup>1)</sup></b><br>For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes.<br>Protection class (Device): IP 20 |                 |          |
|   | <b>2148</b>   | 2CKA002148A0120 | 100      |


<sup>1)</sup> Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.

|   |   |                 |         |
|---|---|-----------------|---------|
|  | <b>Braille symbol</b><br>self-adhesive (transparent) for cover 2506-xxx<br>Protection class (Device): IP 20 |                 |         |
|   | <b>light</b>  |                 |         |
|   | <b>2144 LI</b>  | 2CKA001714A0295 | 10/1000 |
|   | <b>bell</b>   |                 |         |
|   | <b>2144 KI</b>  | 2CKA001714A0296 | 10/1000 |
|   | <b>key</b>  |                 |         |
|   | <b>2144 TR</b>  | 2CKA001714A0297 | 10/1000 |

|   |   |                 |         |
|---|---|-----------------|---------|
|  | <b>Braille symbol<br/>socket outlet</b><br>self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx<br>Protection class (Device): IP 20 |                 |         |
|   | <b>2144 ST</b>  | 2CKA001714A0298 | 10/1000 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>DIN A 4 labelling sheet <sup>1)</sup><br/>plastic foil</b><br>Suitable for all to be labeled Busch-Jaeger devices.<br>For laser printer.<br>The text of the foil is printed via the Busch-Jaeger labeling service.<br>Dimensions: (L x W x D): 297 mm |                 |   |
| translucent   | <b>1799/02</b>   | 2CKA001799A0959 | 1 |
| transparent   | <b>1799/03</b>   | 2CKA001799A0960 | 1 |

<sup>1)</sup> 1 piece = 1 sheet.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>RC suppressor</b><br>For protection against the damage or destruction of electronic devices due to overvoltages.<br>For wiring network-interconnected inductivities (e.g., relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.<br>Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz |                 |    |
|   | <b>6899</b>  | 2CKA006899A0231 | 10 |


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## Cover frames


| Product   | Article-No.  | Order-No.           | Pack/Qty               |
|---|--------------|---------------------|------------------------|
|  <p><b>Cover frame <sup>1)</sup></b><br/><b>1gang frame</b><br/>For vertical or horizontal installation.<br/>Protection class (Device): IP 20<br/>Dimensions: (L x W x D): 87 mm x 87 mm x 11 mm</p> | chrome       | <b>1721-80-500</b>  | 2CKA001754A4535 10/100 |
|   | chrome gloss | <b>1721-80G-500</b> | 2CKA001754A4538 10/100 |
|   | studio white | <b>1721-84-500</b>  | 2CKA001754A4536 10/100 |

<sup>1)</sup> Suitable for installation in trunking systems with 80 mm conduit.

|  |              |                    |                        |
|--|--------------|--------------------|------------------------|
|  <p><b>Cover frame</b><br/><b>2gang frame</b><br/>For vertical or horizontal installation.<br/>Protection class (Device): IP 20<br/>Dimensions: (L x W x D): 157 mm x 87 mm x 11 mm</p> | chrome       | <b>1722-80-500</b> | 2CKA001754A4537 10/100 |
|  | chrome gloss | <b>1722-80G</b>    | 2CKA001754A4327 10     |
|  | studio white | <b>1722-84-500</b> | 2CKA001754A4539 10/100 |

|  |              |                    |                        |
|--|--------------|--------------------|------------------------|
|  <p><b>Cover frame</b><br/><b>3gang frame</b><br/>For vertical or horizontal installation.<br/>Protection class (Device): IP 20<br/>Dimensions: (L x W x D): 228 mm x 87 mm x 11 mm</p> | chrome       | <b>1723-80-500</b> | 2CKA001754A4540 10/100 |
|  | chrome gloss | <b>1723-80G</b>    | 2CKA001754A4328 10     |
|  | studio white | <b>1723-84-500</b> | 2CKA001754A4541 10/100 |

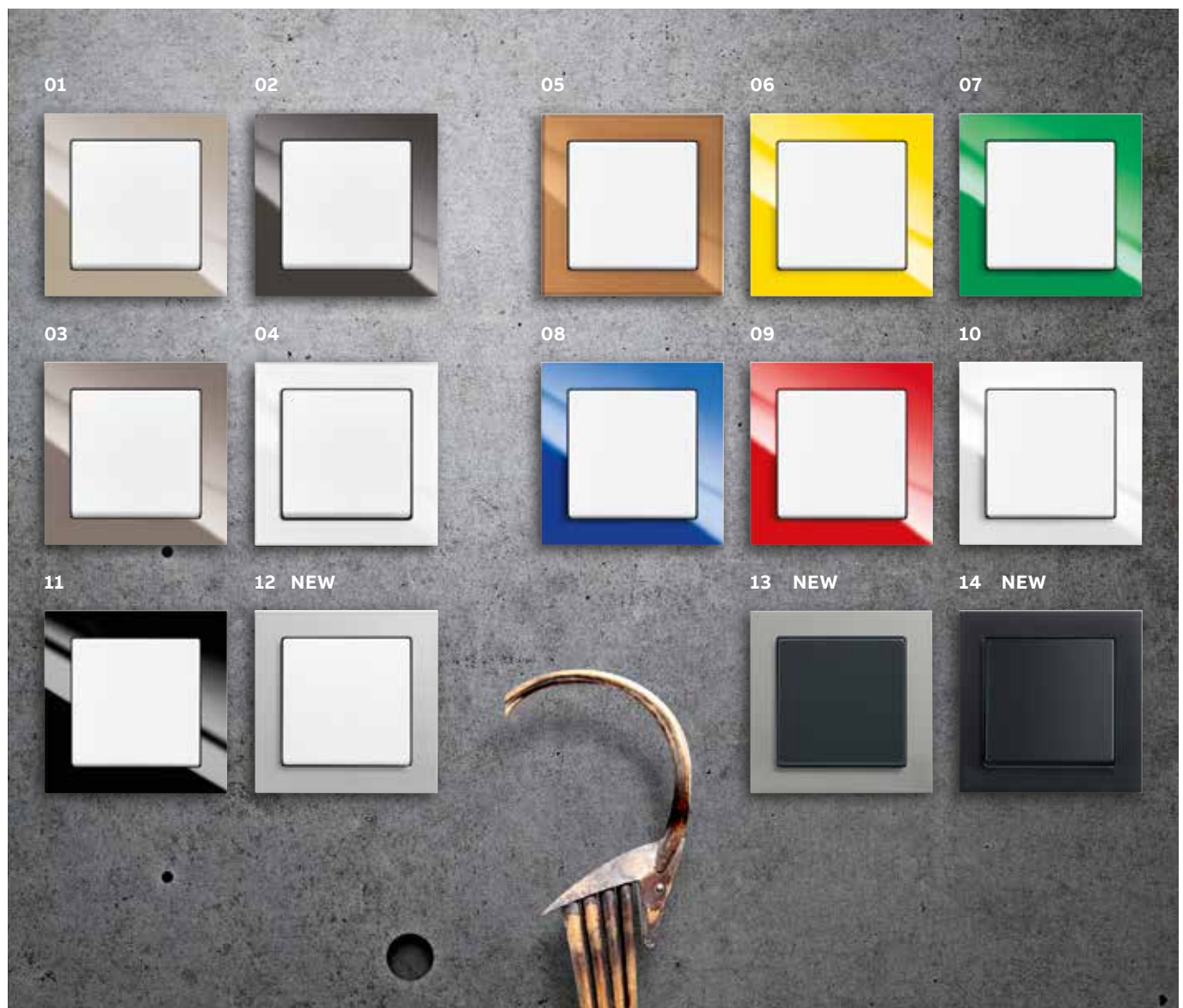
|  |              |                 |                   |
|--|--------------|-----------------|-------------------|
|  <p><b>Cover frame</b><br/><b>4gang frame</b><br/>For vertical or horizontal installation.<br/>Protection class (Device): IP 20<br/>Dimensions: (L x W x D): 299 mm x 87 mm x 11 mm</p> | chrome       | <b>1724-80</b>  | 2CKA001754A4107 1 |
|  | chrome gloss | <b>1724-80G</b> | 2CKA001754A4329 1 |
|  | studio white | <b>1724-84</b>  | 2CKA001754A4112 1 |

|  |              |                 |                   |
|--|--------------|-----------------|-------------------|
|  <p><b>Cover frame</b><br/><b>5gang frame</b><br/>For vertical or horizontal installation.<br/>Protection class (Device): IP 20<br/>Dimensions: (L x W x D): 370 mm x 87 mm x 11 mm</p> | chrome       | <b>1725-80</b>  | 2CKA001754A4108 1 |
|  | chrome gloss | <b>1725-80G</b> | 2CKA001754A4330 1 |
|  | studio white | <b>1725-84</b>  | 2CKA001754A4113 1 |

# Busch-axcent®

## Individuality with an accent.

Express yourself. Enjoy freedom with bright colours and high gloss surfaces. Such choice brings joy. Each room can have accessories in a different colour, each room can have a different personality. Straight lines and bold edges perfectly correspond with the modern style of furnishing. Primary colours can be used as a colour-key for quick and efficient organisation of appliances and equipment.



- 01 studio white / maison-beige
- 02 studio white / château-black
- 03 studio white / entrée-grey
- 04 studio white / white glass
- 05 studio white / brown glass
- 06 studio white / yellow
- 07 studio white / green

- 08 studio white / blue
- 09 studio white / red
- 10 studio white / white
- 11 studio white / black
- 12 studio white / titanium
- 13 anthracite / platinum
- 14 black matt / black

### Materials

Cover: Thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.

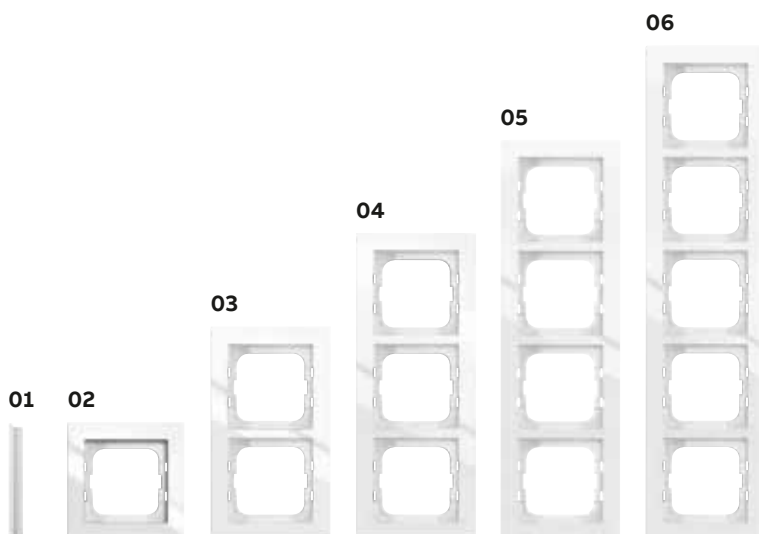


## Busch-axcent®

### Selected functions



- |    |  |    |   |
|----|--|----|---|
| 01 | Rocker switch 1gang  | 12 | Busch-Blind control switch with semi-cylindrical lock   |
| 02 | Rocker switch 2gang  | 13 | Busch-Blind comfort switch  |
| 03 | Busch Universal Rotary Dimmer                                      | 14 | Comfort timer   |
| 04 | Touch dimmer   | 15 | Room thermostat with display  |
| 05 | Busch-Comfort switch   | 16 | Busch-Infoline® alarm insert  |
| 06 | Busch-steplight®   | 17 | Busch-Radio iNet  |
| 07 | Busch-Protector® SCHUKO® socket outlet with overvoltage protection | 18 | Antenna socket for radio/TV/satellite   |
| 08 | SCHUKO® USB socket outlet, 2x USB A                                | 19 | Universal data connection box   |
| 09 | Socket outlet with earthing pin                                    | 20 | Stereo loudspeaker connecting box   |
| 10 | Switched socket outlet BS standard                                 | 21 | KNX sensor, for more KNX products see part 12 of the catalogue - Intelligent Building Solutions |
| 11 | Blind switch with rotary knob                                      |    |   |



1 to 5gang cover frame for horizontal and vertical installation.

- 01 Side view, 11 mm x 91 mm
- 02 91 mm x 91 mm
- 03 91 mm x 162 mm
- 04 91 mm x 233 mm
- 05 91 mm x 304 mm
- 06 91 mm x 375 mm



For more information about light switch ranges visit ABB global web sites.


## Busch-axcent®

### Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>1gang 2way</b>   |                 |          |
|   | <b>2000/6 US-500</b>  | 2CKA001012A2198 | 10/100   |
|   | <b>2gang 1way</b>   |                 |          |
|   | <b>2000/5 US-500</b>  | 2CKA001012A1150 | 10/100   |
|   | <b>DP, 1gang 2way <sup>2)</sup></b>   |                 |          |
|   | <b>2000/6/2 US</b>  | 2CKA001012A0954 | 10       |
|   | <b>1gang</b>  |                 |          |
|   | <b>2000/7 US-500</b>  | 2CKA001012A2199 | 10/100   |
|   | <b>DP, 1gang 1way</b>   |                 |          |
| <b>2000/2 US-500</b>  | 2CKA001012A2196   | 10/100          |          |
| <b>SP, 1gang 1way switch</b>  |   |                 |          |
| <b>2000/1 US-500</b>  | 2CKA001012A2059   | 10/100          |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> With screw-type terminals. Non-illuminable.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>Switch-off and two-way circuit 16 A</b>  |                 |        |
|   | <b>2400/6 US-500</b>  | 2CKA001012A2232 | 10/100 |
|   | <b>2gang switch 16 A</b>  |                 |        |
|   | <b>2400/5 US-500</b>  | 2CKA001012A2234 | 10     |
|   | <b>1gang intermediate 16 A</b>  |                 |        |
|   | <b>2400/7 US-500</b>  | 2CKA001012A2236 | 10     |

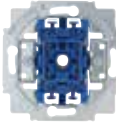
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>2gang 2way</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/6/6US-101-500</b>   | 2CKA001011A0928 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>Changeover/changeover circuit 16 A</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2400/6/6US-101-500</b>   | 2CKA001022A0663 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>DP, 1gang 1way</b><br>For switching high loads.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/2 US-101-500</b>  | 2CKA001012A2193 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Also for switching SCHUKO® socket outlets.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>3-pole, 1gang 1way switch</b><br>Rated voltage: 400 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2000/3 US</b>  | 2CKA001011A0816 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> With screw-type terminals. Non-illuminable.


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>1gang 2way <sup>2)</sup></b>  |                 |        |
|   | <b>2000/6 USGL-500</b>   | 2CKA001012A2194 | 10/100 |
|   | <b>2gang 1way</b>  |                 |        |
| <b>2000/5 USGL</b>  | 2CKA001012A1135  | 10              |        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

## Busch-axcent®

### Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism, control 1) 2) 3)<br/>2gang switch with N-clamp 16 A</b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2400/5 USK-500</b>   | 2CKA001012A2238 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker Switch Mechanism, control 1) 2) 3)</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>1gang 2way with N-terminal</b>  |                 |        |
|   | <b>2000/6 USK-500</b>  | 2CKA001022A0659 | 10/100 |
|   | <b>DP, 1gang 1way</b>  |                 |        |
|   | <b>2000/2 UK</b>   | 2CKA001022A0656 | 10     |

<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker Switch Mechanism, control 1) 2) 3)<br/>Switch-off and two-way circuit with N-clamp 16 A</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2400/6 USK-500</b>   | 2CKA001022A0661 | 10 |

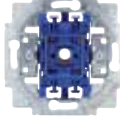
<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism 1)<br/>SP, with normally open contact (operating current)</b><br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-500</b>  | 2CKA001413A0574 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-switch mechanism 1)<br/>SP, with normally open contact (operating current)</b><br>With 2 independent signalling contacts.<br>Rated voltage: 250 V~<br>Inputs: 1<br>Outputs: 1<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2020 US-201</b>  | 2CKA001413A0483 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism 1) 2) 3)<br/>SP, with normally open contact (operating current)</b><br>With illumination.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 USGL-500</b>  | 2CKA001413A1106 | 10/100 |

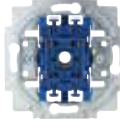
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

<sup>3)</sup> For relay and touch dimmer applications.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism 1)</b><br>With one input terminal and 2 actuating covers.<br>Rated voltage: 250 V~<br>Inputs: 1<br>Outputs: 2x Normally open contact<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-205-500</b>  | 2CKA001413A1105 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Push-switch mechanism 1)<br/>SP, 1gang 2way</b><br>Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2020 US-206-500</b>   | 2CKA001413A1104 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## Busch-axcent®

### Rocker switches / push switches


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1786-81-500</b>   | 2CKA001751A3079 | 10/100   |
| aluminium silver <sup>1)</sup>  | <b>1786-83-500</b>   | 2CKA001751A3075 | 10/100   |
| studio white  | <b>1786-84-500</b>   | 2CKA001751A3074 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1786-803-500</b>  | 2CKA001751A3093 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1786-884-500</b>  | 2CKA001751A3089 | 10/100   |
| black matt <sup>1)</sup>  | <b>1786-885-500</b>  | 2CKA001751A3094 | 10/100   |

<sup>1)</sup>Surface painted.


|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Rocker</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>1785-81</b>   | 2CKA001751A2930 | 10     |
| aluminium silver <sup>1)</sup>   | <b>1785-83-500</b>   | 2CKA001751A3092 | 10/100 |
| studio white   | <b>1785-84-500</b>   | 2CKA001751A3076 | 10/100 |
| grey metallic <sup>1)</sup>  | <b>1785-803</b>  | 2CKA001751A3018 | 10/100 |
| antique brass <sup>2)</sup>  | <b>1785-840-500</b>  | 2CKA001751A3117 | 10     |
| black matt <sup>1)</sup>   | <b>1785-885</b>  | 2CKA001751A3038 | 10/100 |

<sup>1)</sup>Surface painted.


<sup>2)</sup>Real metal surface refined by hand.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker</b><br>As a cover for flush-mounted control 2gang switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1785 K-81-500</b>  | 2CKA001751A3122 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1785 K-83-500</b>  | 2CKA001751A3126 | 10 |
| studio white  | <b>1785 K-84-500</b>  | 2CKA001751A3128 | 10 |
| grey metallic <sup>1)</sup>   | <b>1785 K-803-500</b>   | 2CKA001751A3130 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1785 K-884-500</b>   | 2CKA001751A3135 | 10 |
| black matt <sup>1)</sup>  | <b>1785 K-885-500</b>   | 2CKA001751A3137 | 10 |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker with small red spherical cap</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1789-81</b>  | 2CKA001751A2928 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1789-83</b>  | 2CKA001751A2945 | 10/100   |
| studio white  | <b>1789-84-500</b>  | 2CKA001751A3091 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1789-803</b>   | 2CKA001751A3013 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1789-884</b>   | 2CKA001751A3033 | 10       |
| black matt <sup>1)</sup>  | <b>1789-885</b>   | 2CKA001751A3047 | 10       |

<sup>1)</sup>Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Rocker with small transparent lens</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>1789 N-81</b>   | 2CKA001751A3147 | 10/100 |
| aluminium silver <sup>1)</sup>   | <b>1789 N-83</b>   | 2CKA001751A3149 | 10/100 |
| studio white   | <b>1789 N-84-500</b>   | 2CKA001751A3151 | 10/100 |
| grey metallic <sup>1)</sup>  | <b>1789 N-803</b>  | 2CKA001751A3146 | 10/100 |
| studio white, matt <sup>1)</sup>   | <b>1789 N-884</b>  | 2CKA001751A3153 | 10/100 |
| black matt <sup>1)</sup>   | <b>1789 N-885</b>  | 2CKA001751A3154 | 10/100 |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking</b><br>With >Light< icon.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>2520 LI-81</b>  | 2CKA001751A3186 | 10/100 |
| aluminium silver <sup>1)</sup>  | <b>2520 LI-83</b>  | 2CKA001751A3188 | 10/100 |
| studio white  | <b>2520 LI-84-500</b>  | 2CKA001751A3190 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>2520 LI-803</b>   | 2CKA001751A3185 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>2520 LI-884</b>   | 2CKA001751A3192 | 10/100 |
| black matt <sup>1)</sup>  | <b>2520 LI-885</b>   | 2CKA001751A3193 | 10/100 |


<sup>1)</sup>Surface painted.

## Busch-axcent®


### Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2520 TR-81</b>   | 2CKA001751A3196 | 10/100   |
| aluminium<br>silver <sup>1)</sup>   | <b>2520 TR-83</b>   | 2CKA001751A3198 | 10/100   |
| studio white  | <b>2520 TR-84</b>   | 2CKA001751A3199 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>2520 TR-803</b>  | 2CKA001751A3195 | 10/100   |
| studio white,<br>matt <sup>1)</sup>   | <b>2520 TR-884</b>  | 2CKA001751A3201 | 10/100   |
| black matt <sup>1)</sup>  | <b>2520 TR-885</b>  | 2CKA001751A3202 | 10/100   |


<sup>1)</sup>Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Switch rocker with marking</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>2520 KI-81</b>  | 2CKA001751A3176 | 10/100 |
| aluminium<br>silver <sup>1)</sup>  | <b>2520 KI-83</b>  | 2CKA001751A3178 | 10/100 |
| studio white   | <b>2520 KI-84-500</b>  | 2CKA001751A3180 | 10/100 |
| grey metallic <sup>1)</sup>  | <b>2520 KI-803</b>   | 2CKA001751A3175 | 10/100 |
| studio white,<br>matt <sup>1)</sup>  | <b>2520 KI-884</b>   | 2CKA001751A3182 | 10/100 |
| black matt <sup>1)</sup>   | <b>2520 KI-885</b>   | 2CKA001751A3183 | 10/100 |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Light< icon.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1789 LI-81</b>  | 2CKA001751A2931 | 10     |
| aluminium<br>silver <sup>1)</sup>   | <b>1789 LI-83</b>  | 2CKA001751A2951 | 10     |
| studio white  | <b>1789 LI-84-500</b>  | 2CKA001751A3084 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1789 LI-803</b>   | 2CKA001751A3014 | 10     |
| studio white,<br>matt <sup>1)</sup>   | <b>1789 LI-884</b>   | 2CKA001751A3031 | 10     |
| black matt <sup>1)</sup>  | <b>1789 LI-885</b>   | 2CKA001751A3045 | 10     |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Plug< icon.<br>As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O"<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1789 ST-81</b>   | 2CKA001751A3157 | 10/100   |
| aluminium<br>silver <sup>1)</sup>   | <b>1789 ST-83</b>   | 2CKA001751A3159 | 10/100   |
| studio white  | <b>1789 ST-84-500</b>   | 2CKA001751A3161 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1789 ST-803</b>  | 2CKA001751A3156 | 10/100   |
| studio white,<br>matt <sup>1)</sup>   | <b>1789 ST-884</b>  | 2CKA001751A3163 | 10/100   |
| black matt <sup>1)</sup>  | <b>1789 ST-885</b>  | 2CKA001751A3164 | 10/100   |

<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1789 TR-81</b>   | 2CKA001751A2933 | 10 |
| aluminium<br>silver <sup>1)</sup>   | <b>1789 TR-83</b>   | 2CKA001751A2953 | 10 |
| studio white  | <b>1789 TR-84</b>   | 2CKA001751A2755 | 10 |
| grey metallic <sup>1)</sup>   | <b>1789 TR-803</b>  | 2CKA001751A3016 | 10 |
| studio white,<br>matt <sup>1)</sup>   | <b>1789 TR-884</b>  | 2CKA001751A3032 | 10 |
| black matt <sup>1)</sup>  | <b>1789 TR-885</b>  | 2CKA001751A3046 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1789 KI-81</b>  | 2CKA001751A2932 | 10 |
| aluminium<br>silver <sup>1)</sup>   | <b>1789 KI-83</b>  | 2CKA001751A2952 | 10 |
| studio white  | <b>1789 KI-84</b>  | 2CKA001751A2754 | 10 |
| grey metallic <sup>1)</sup>   | <b>1789 KI-803</b>   | 2CKA001751A3015 | 10 |
| studio white,<br>matt <sup>1)</sup>   | <b>1789 KI-884</b>   | 2CKA001751A3030 | 10 |
| black matt <sup>1)</sup>  | <b>1789 KI-885</b>   | 2CKA001751A3044 | 10 |

<sup>1)</sup>Surface painted.

## Busch-axcent®


### Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker <sup>1) 2)</sup> with labelling field</b><br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1764 NLI-81</b>   | 2CKA001731A1552 | 10       |
| aluminium silver <sup>3)</sup>  | <b>1764 NLI-83</b>   | 2CKA001731A1948 | 10       |
| studio white  | <b>1764 NLI-84</b>   | 2CKA001731A1877 | 10/100   |
| grey metallic <sup>3)</sup>   | <b>1764 NLI-803</b>  | 2CKA001731A1975 | 10       |
| studio white, matt <sup>3)</sup>  | <b>1764 NLI-884</b>  | 2CKA001731A1985 | 10       |
| black matt <sup>3)</sup>  | <b>1764 NLI-885</b>  | 2CKA001731A1982 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.


<sup>3)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker <sup>1) 2)</sup> with labelling field</b><br>With >Bell< icon.<br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1764 NLI/KI-81</b>  | 2CKA001731A3998 | 10/100 |
| aluminium silver <sup>3)</sup>  | <b>1764 NLI/KI-83</b>  | 2CKA001731A4000 | 10/100 |
| studio white  | <b>1764 NLI/KI-84-500</b>  | 2CKA001731A4002 | 10/100 |
| grey metallic <sup>3)</sup>   | <b>1764 NLI/KI-803</b>   | 2CKA001731A3997 | 10/100 |
| studio white, matt <sup>3)</sup>  | <b>1764 NLI/KI-884</b>   | 2CKA001731A4004 | 10/100 |
| black matt <sup>3)</sup>  | <b>1764 NLI/KI-885</b>   | 2CKA001731A4005 | 10/100 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

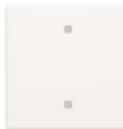
<sup>3)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With imprint >0< and >1<.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1788-81</b>   | 2CKA001751A2927 | 10     |
| aluminium silver <sup>1)</sup>  | <b>1788-83</b>   | 2CKA001751A2954 | 10     |
| studio white  | <b>1788-84</b>   | 2CKA001751A2750 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1788-803</b>  | 2CKA001751A3017 | 10     |
| studio white, matt <sup>1)</sup>  | <b>1788-884</b>  | 2CKA001751A3028 | 10     |
| black matt <sup>1)</sup>  | <b>1788-885</b>  | 2CKA001751A3042 | 10     |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With >Heating< imprint. As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1789 H-81</b>   | 2CKA001751A2929 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1789 H-83</b>   | 2CKA001751A2955 | 10       |
| studio white  | <b>1789 H-84</b>   | 2CKA001751A2751 | 10       |
| grey metallic <sup>1)</sup>   | <b>1789 H-803</b>  | 2CKA001751A3019 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1789 H-884</b>  | 2CKA001751A3029 | 10       |
| black matt <sup>1)</sup>  | <b>1789 H-885</b>  | 2CKA001751A3043 | 10       |

<sup>1)</sup> Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker el. push-switch. |                 |    |
| anthracite   | <b>2570-10-81</b>   | 2CKA001751A3261 | 10 |
| aluminium silver <sup>1)</sup>   | <b>2570-10-83</b>   | 2CKA001751A3259 | 10 |
| studio white   | <b>2570-10-84</b>   | 2CKA001751A3258 | 10 |
| grey metallic <sup>1)</sup>  | <b>2570-10-803</b>  | 2CKA001751A3264 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2570-10-884</b>  | 2CKA001751A3260 | 10 |
| black matt <sup>1)</sup>   | <b>2570-10-885</b>  | 2CKA001751A3262 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 2g el. push-switch. |                 |    |
| anthracite  | <b>2570-20-81</b>  | 2CKA001751A3272 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2570-20-83</b>  | 2CKA001751A3270 | 10 |
| studio white  | <b>2570-20-84</b>  | 2CKA001751A3269 | 10 |
| grey metallic <sup>1)</sup>   | <b>2570-20-803</b>   | 2CKA001751A3275 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2570-20-884</b>   | 2CKA001751A3271 | 10 |
| black matt <sup>1)</sup>  | <b>2570-20-885</b>   | 2CKA001751A3273 | 10 |


<sup>1)</sup> Surface painted.


## Busch-axcent®


### Rocker switches / push switches


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 3g el. push-switch. |                 |          |
| anthracite  | <b>2570-30-81</b>  | 2CKA001751A3283 | 10       |
| aluminium silver <sup>1)</sup>  | <b>2570-30-83</b>  | 2CKA001751A3281 | 10       |
| studio white  | <b>2570-30-84</b>  | 2CKA001751A3280 | 10       |
| grey metallic <sup>1)</sup>   | <b>2570-30-803</b>   | 2CKA001751A3286 | 10       |
| studio white, matt <sup>1)</sup>  | <b>2570-30-884</b>   | 2CKA001751A3282 | 10       |
| black matt <sup>1)</sup>  | <b>2570-30-885</b>   | 2CKA001751A3284 | 10       |

<sup>1)</sup>Surface painted.


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>El. push-switch insert. |                 |    |
|  | <b>2051 U</b>  | 2CKA001413A1115 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch insert 2g. |                 |    |
|   | <b>2052 U</b>  | 2CKA001413A1116 | 10 |

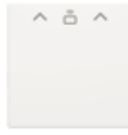
|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch ins. 3g. |                 |    |
|   | <b>2053 U</b>  | 2CKA001413A1117 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate</b><br>For card switch.<br>For insert 2025 U.<br>Suitable for cards sized 54 x 86 mm.<br>The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1792-81</b>   | 2CKA001710A3639 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1792-83</b>   | 2CKA001710A3670 | 10 |
| studio white  | <b>1792-84</b>   | 2CKA001710A3641 | 10 |
| grey metallic <sup>1)</sup>   | <b>1792-803</b>  | 2CKA001710A4124 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1792-884</b>  | 2CKA001710A3928 | 10 |
| black matt <sup>1)</sup>  | <b>1792-885</b>  | 2CKA001710A3905 | 10 |


<sup>1)</sup>Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Card switch 10 A <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>Illuminable.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2025 U</b>  | 2CKA001012A1713 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.   |                 |          |

<sup>1)</sup>Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate, card switch RFID. |                 |    |
| anthracite  | <b>1792 RFID-81</b>  | 2CKA001710A4130 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1792 RFID-83</b>  | 2CKA001710A4128 | 10 |
| studio white  | <b>1792 RFID-84</b>  | 2CKA001710A4127 | 10 |
| grey metallic <sup>1)</sup>   | <b>1792 RFID-803</b>   | 2CKA001710A4133 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1792 RFID-884</b>   | 2CKA001710A4129 | 10 |
| black matt <sup>1)</sup>  | <b>1792 RFID-885</b>   | 2CKA001710A4131 | 10 |

<sup>1)</sup>Surface painted.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>Card switch insert RFID. |                 |    |
|   | <b>2025 RFID U</b>  | 2CKA001012A2242 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br><b>DO NOT DISTURB</b><br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1786/11-81</b>   | 2CKA001751A3207 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1786/11-83</b>   | 2CKA001751A3001 | 10 |
| studio white  | <b>1786/11-84</b>   | 2CKA001751A2998 | 10 |
| grey metallic <sup>1)</sup>   | <b>1786/11-803</b>  | 2CKA001751A3206 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1786/11-884</b>  | 2CKA001751A3026 | 10 |
| black matt <sup>1)</sup>  | <b>1786/11-885</b>  | 2CKA001751A3040 | 10 |


<sup>1)</sup>Surface painted.

## Busch-axcent®


### Rocker switches / push switches

| Product   | Article-No.                      | Order-No.          | Pack/Qty           |
|---|----------------------------------|--------------------|--------------------|
|  <p><b>Switch rocker with marking</b><br/>For flush-mounted switch 2g 1w, 2g push switch.<br/>DO NOT DISTURB<br/>MAKE UP ROOM<br/>Protection class (Device): IP 20</p> | anthracite                       | <b>1785/11-81</b>  | 2CKA001751A3205 10 |
|   | aluminium silver <sup>1)</sup>   | <b>1785/11-83</b>  | 2CKA001751A2995 10 |
|   | studio white                     | <b>1785/11-84</b>  | 2CKA001751A2992 10 |
|   | grey metallic <sup>1)</sup>      | <b>1785/11-803</b> | 2CKA001751A3204 10 |
|   | studio white, matt <sup>1)</sup> | <b>1785/11-884</b> | 2CKA001751A3023 10 |
|   | black matt <sup>1)</sup>         | <b>1785/11-885</b> | 2CKA001751A3037 10 |

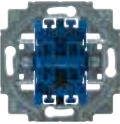
<sup>1)</sup>Surface painted.

| Product  | Article-No.                      | Order-No.            | Pack/Qty           |
|--|----------------------------------|----------------------|--------------------|
|  <p><b>Switch rocker with marking</b><br/>As cover for flush-mounted rocker control switch insert, DND/MUR.<br/>DO NOT DISTURB<br/>MAKE UP ROOM<br/>Protection class (Device): IP 20</p> | anthracite                       | <b>1785/11 K-81</b>  | 2CKA001751A3212 10 |
|  | aluminium silver <sup>1)</sup>   | <b>1785/11 K-83</b>  | 2CKA001751A3210 10 |
|  | studio white                     | <b>1785/11 K-84</b>  | 2CKA001751A3209 10 |
|  | grey metallic <sup>1)</sup>      | <b>1785/11 K-803</b> | 2CKA001751A3215 10 |
|  | studio white, matt <sup>1)</sup> | <b>1785/11 K-884</b> | 2CKA001751A3211 10 |
|  | black matt <sup>1)</sup>         | <b>1785/11 K-885</b> | 2CKA001751A3213 10 |

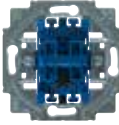
<sup>1)</sup>Surface painted.

| Product   | Article-No.                      | Order-No.          | Pack/Qty           |
|---|----------------------------------|--------------------|--------------------|
|  <p><b>CoverPlates (partly incl. Insert) Hotel application</b><br/>Rocker DND/MUR el. p.-swit.</p> | anthracite                       | <b>2058-24-84</b>  | 2CKA001751A3220 10 |
|   | aluminium silver <sup>1)</sup>   | <b>2058-24-83</b>  | 2CKA001751A3221 10 |
|   | studio white                     | <b>2058-24-884</b> | 2CKA001751A3222 10 |
|   | grey metallic <sup>1)</sup>      | <b>2058-24-81</b>  | 2CKA001751A3223 10 |
|   | studio white, matt <sup>1)</sup> | <b>2058-24-885</b> | 2CKA001751A3224 10 |
|   | black matt <sup>1)</sup>         | <b>2058-24-803</b> | 2CKA001751A3226 10 |


<sup>1)</sup>Surface painted.


| Product   | Article-No.    | Order-No.       | Pack/Qty |
|---|----------------|-----------------|----------|
|  <p><b>Rocker switch insert DND/MUR <sup>1)</sup></b><br/>with LED,<br/>Rated voltage: 250 V~<br/>Rated current: 10 AX<br/>Suitable for: LEDi / CFLi<br/>Rated power: 100 W<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p> | <b>2028 UK</b> | 2CKA001012A2240 | 10/100   |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Rocker switch insert DND/MUR <sup>1)</sup></b><br/>with LED,<br/>Rated voltage: 24 V<br/>Rated current: 6 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p> | <b>2028/12 UK</b> | 2CKA001012A2241 | 10/100   |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <p><b>Flush Mounted Inserts</b><br/>El. push-switch DND/MUR.</p> | <b>2058 UK</b> | 2CKA001413A1114 | 10/100   |

| Product  | Article-No.                      | Order-No.          | Pack/Qty          |
|--|----------------------------------|--------------------|-------------------|
|  <p><b>Bell push-switch DND/MUR 230 V <sup>1)</sup></b><br/>with LED,<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p> | anthracite                       | <b>2029 UC-81</b>  | 2CKA001751A3167 1 |
|  | aluminium silver <sup>2)</sup>   | <b>2029 UC-83</b>  | 2CKA001751A3169 1 |
|  | studio white                     | <b>2029 UC-84</b>  | 2CKA001751A3170 1 |
|  | grey metallic <sup>2)</sup>      | <b>2029 UC-803</b> | 2CKA001751A3166 1 |
|  | studio white, matt <sup>2)</sup> | <b>2029 UC-884</b> | 2CKA001751A3172 1 |
|  | black matt <sup>2)</sup>         | <b>2029 UC-885</b> | 2CKA001751A3173 1 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup>Surface painted.

| Product   | Article-No.                      | Order-No.             | Pack/Qty          |
|---|----------------------------------|-----------------------|-------------------|
|  <p><b>Bell push-switch DND/MUR 24 V <sup>1)</sup></b><br/>with LED,<br/>Rated voltage: 24 V<br/>Rated current: 6 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</p> | anthracite                       | <b>2029/12 UC-81</b>  | 1                 |
|   | aluminium silver <sup>2)</sup>   | <b>2029/12 UC-83</b>  | 2CKA001751A3232 1 |
|   | studio white                     | <b>2029/12 UC-84</b>  | 2CKA001751A3231 1 |
|   | grey metallic <sup>2)</sup>      | <b>2029/12 UC-803</b> | 2CKA001751A3237 1 |
|   | studio white, matt <sup>2)</sup> | <b>2029/12 UC-884</b> | 2CKA001751A3233 1 |
|   | black matt <sup>2)</sup>         | <b>2029/12 UC-885</b> | 2CKA001751A3235 1 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup>Surface painted.




## Busch-axcent®


### Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Bell push-switch DND/MUR. |                 |          |
| anthracite  | <b>2059 UC-84</b>   | 2CKA001751A3240 | 1        |
| aluminium silver <sup>1)</sup>  | <b>2059 UC-83</b>   | 2CKA001751A3241 | 1        |
| studio white  | <b>2059 UC-884</b>  | 2CKA001751A3242 | 1        |
| grey metallic <sup>1)</sup>   | <b>2059 UC-81</b>   | 2CKA001751A3243 | 1        |
| studio white, matt <sup>1)</sup>  | <b>2059 UC-885</b>  | 2CKA001751A3244 | 1        |
| black matt <sup>1)</sup>  | <b>2059 UC-803</b>  | 2CKA001751A3246 | 1        |


<sup>2)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Pull switch <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
|  | <b>2020/01 US-101</b>  | 2CKA001413A1112 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Pull switch <sup>1)</sup></b><br><b>SP, break contact</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
|   | <b>2020/10 US-101</b>   | 2CKA001413A1111 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup></b><br><b>for pull switch 2610/6 UC-xx, 2610/6 UJ-xx</b><br>With screw-type terminal<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1796-81</b>  | 2CKA001753A0308 | 10 |
| aluminium silver <sup>2)</sup>  | <b>1796-83</b>  | 2CKA001753A0310 | 10 |
| studio white  | <b>1796-84</b>  | 2CKA001753A0311 | 10 |
| grey metallic <sup>2)</sup>   | <b>1796-803</b>   | 2CKA001753A0307 | 10 |
| studio white, matt <sup>2)</sup>  | <b>1796-884</b>   | 2CKA001753A0313 | 10 |
| black matt <sup>2)</sup>  | <b>1796-885</b>   | 2CKA001753A0314 | 10 |

<sup>1)</sup> Exchanging the available cover/cover plate.

<sup>2)</sup> Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br><b>open for red pull switch neon indicator</b><br>For pull switch 2020/xx US.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1720-81</b>   | 2CKA001731A1914 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1720-83</b>   | 2CKA001731A1949 | 10       |
| studio white  | <b>1720-84</b>   | 2CKA001731A1916 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1720-884</b>  | 2CKA001731A1979 | 10       |
| black matt <sup>1)</sup>  | <b>1720-885</b>  | 2CKA001731A1981 | 10       |

<sup>1)</sup> Surface painted.

|  |   |                 |      |
|--|---|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup></b><br><b>SP, with zero position</b><br>With zero position.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|  | <b>2710 U</b>   | 2CKA001101A0918 | 1/10 |


<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.

<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup></b><br><b>SP, without zero position</b><br>Without zero position.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2710/1 U</b>   | 2CKA001101A0919 | 1/10 |

<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.


<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate</b><br><b>with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch.<br>With zero position.<br>For insert 2710 U.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2542 DR/01-81</b>  | 2CKA001710A3644 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2542 DR/01-83</b>  | 2CKA001710A3671 | 10 |
| studio white  | <b>2542 DR/01-84</b>  | 2CKA001710A3646 | 10 |
| grey metallic <sup>1)</sup>   | <b>2542 DR/01-803</b>   | 2CKA001710A4125 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2542 DR/01-884</b>   | 2CKA001710A3890 | 10 |
| black matt <sup>1)</sup>  | <b>2542 DR/01-885</b>   | 2CKA001710A3913 | 10 |

<sup>1)</sup> Surface painted.


## Busch-axcent®


### Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch. Without zero position. For insert 2710/1 U. Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2542 DR/02-81</b>  | 2CKA001710A3649 | 10       |
| aluminium silver <sup>1)</sup>  | <b>2542 DR/02-83</b>  | 2CKA001710A3672 | 10       |
| studio white  | <b>2542 DR/02-84</b>  | 2CKA001710A3651 | 10       |
| grey metallic <sup>1)</sup>   | <b>2542 DR/02-803</b>   | 2CKA001710A4126 | 10       |
| studio white, matt <sup>1)</sup>  | <b>2542 DR/02-884</b>   | 2CKA001710A3891 | 10       |
| black matt <sup>1)</sup>  | <b>2542 DR/02-885</b>   | 2CKA001710A3914 | 10       |

<sup>1)</sup>Surface painted.

### Dimmers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Comprising Friends of Hue smart switch insert</b><br>Comprising 2gang rocker 6736 FoH-8xx for Friends of Hue smart switch. Consisting of 1gang future® linear cover frames. Comprising fixing plate and intermediate ring. Smarter light switches for wireless remote control of Philips Hue lamps For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. |                 |          |
|   | <b>6716 UJ-84-500</b>  | 2CKA006710A0011 | 1        |
|   | <b>6716 UJ-885-500</b>   | 2CKA006710A0018 | 1        |

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Friends of Hue smart switch insert Wall-mounted transmitter, 2 / 4 channel.</b><br>For smart switch rockers 6735 BT-8xx and 6736 FoH-8xx. Smarter light switches for wireless remote control of Philips Hue lamps. For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Including fixing plate for mounting on smooth walls or on switch boxes. |                 |   |
|  | <b>6716 U-500</b>   | 2CKA006710A0014 | 1 |
| BT smart switch set white  | <b>6716/01 UJ-84-500</b>  | 2CKA006730A0156 | 1 |
| BT smart switch set black  | <b>6716/01 UJ-885-500</b>   | 2CKA006730A0157 | 1 |
| BT smart switch insert (SF)  | <b>6716 UBT</b>   | 2CKA006710A0015 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>1gang rocker for Friends of Hue and Bluetooth (Casambi)</b><br>Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. |                 |   |
| anthracite  | <b>6735 BT-81</b>  | 2CKA006730A0142 | 1 |
| aluminium   | <b>6735 BT-83</b>  | 2CKA006730A0144 | 1 |
| white   | <b>6735 BT-84</b>  | 2CKA006730A0145 | 1 |
| grey  | <b>6735 BT-803</b>   | 2CKA006730A0146 | 1 |
| white   | <b>6735 BT-884</b>   | 2CKA006730A0149 | 1 |
| black   | <b>6735 BT-885</b>   | 2CKA006730A0150 | 1 |

# Busch-axcent®

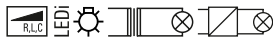
## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker</b><br>For Friends of Hue smart switch insert 6716 U-500. Combinable with the Busch-Jaeger switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. |                 |          |
| anthracite  | <b>6736 FoH-81</b>  | 2CKA006730A0133 | 1        |
| aluminium silver <sup>1)</sup>  | <b>6736 FoH-83</b>  | 2CKA006730A0135 | 1        |
| studio white  | <b>6736 FoH-84</b>  | 2CKA006730A0136 | 1        |
| grey metallic <sup>1)</sup>   | <b>6736 FoH-803</b>   | 2CKA006730A0137 | 1        |
| studio white, matt <sup>1)</sup>  | <b>6736 FoH-884</b>   | 2CKA006730A0140 | 1        |
| black matt <sup>1)</sup>  | <b>6736 FoH-885</b>   | 2CKA006730A0141 | 1        |

<sup>1)</sup> Surface painted.




**Busch-rotary dimmer <sup>1) 2) 3) 4) 5) 6) 7) 8) 9)</sup>  
Flush-mounted, LED, 2-100 W**  
With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.  
For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.  
Mix operation of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.  
Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With adjustable minimum brightness. Without cover plate.  
Rated voltage: 230 V~, + 10% / - 10%  
Rated frequency: 50 Hz/60 Hz  
Nominal power: 2 - 100 W/VA (retrofit LED loads).  
Nominal power: 10 - 250 W/VA (non-LED loads).  
Protection class (Device): IP 20  
Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1



**6523 U-102-500** 2CKA006512A0335 1/10

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- <sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.
- <sup>3)</sup> In case of electronic transformers, 5 % transformer losses.
- <sup>4)</sup> Also applicable for 1gang 2way installations.
- <sup>5)</sup> Provided with terminal for net disconnection devices.
- <sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- <sup>7)</sup> Recommendation: Please use loads and types of one producer.
- <sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.
- <sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-rotary dimmer <sup>1) 2) 3) 4) 5) 6) 7) 8) 9)</sup><br/>UP, LED, 2-400 W</b><br>Very small installation depth: < 20 mm Without claws. With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br>Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.<br>With adjustable minimum/maximum brightness. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without cover plate.<br>Rated voltage: 230 V~, + 10% / - 10%<br>Rated frequency: 50 Hz/60 Hz<br>Nominal power: 2 - 100 W/VA (leading edge control)<br>Nominal power: 2 - 400 W/VA (trailing edge control)<br>Protection class (Device): IP 20<br>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>6523 UR-103-500</b>  | 2CKA006512A0345 | 1/10     |

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- <sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.
- <sup>3)</sup> In case of electronic transformers, 5 % transformer losses.
- <sup>4)</sup> Also applicable for 1gang 2way installations.
- <sup>5)</sup> Provided with terminal for net disconnection devices.
- <sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- <sup>7)</sup> Recommendation: Please use loads and types of one producer.
- <sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.
- <sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

## Busch-axcent®

### Dimmers

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br/> <b>UP, RL, 200-700 W</b><br/>           With rotary control, 2way On-Off switching and soft-catch.<br/>           Leading Edge control.<br/>           For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.<br/>           Short-circuit-proof, overload-protected.<br/>           With adjustable minimum brightness.<br/>           Without cover plate.<br/>           Without claws.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Rated power: 200 - 700 W/VA<br/>           IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6520 U-500</b> | 2CKA006520A0227 | 1/10     |

<sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.



<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.

<sup>3)</sup> Provided with terminal for net disconnection devices.

<sup>4)</sup> Also applicable for 1gang 2way installations.

<sup>5)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>6)</sup> Should be mounted in a separate wallbox.


|   |                       |                 |      |
|---|-----------------------|-----------------|------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/> <b>flush mounted, 1-10V</b><br/>           With rotary control.<br/>           For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.<br/>           For LED control via control gears<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 700 W/VA<br/>           IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>2112 U-101-500</b> | 2CKA006599A2873 | 1/10 |
|---|-----------------------|-----------------|------|

<sup>1)</sup> Non-illuminable.

<sup>2)</sup> Use cover plates 2115 J-.../2115-.../6540-...

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>4)</sup> Making-current limiters have to be provided in case of too high making currents.

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           Fool proof.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Max. current consumption: 15 mA.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2116 U</b> | 2CKA006599A3025 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

# Busch-axcent®


## Dimmers

| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, with internal power supply, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in active mode.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel connection: 111<br/>           Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2116/11 U</b> | 2CKA006599A3026 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI</b><br/>           For DALI broadcast service (via central telegram).<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           Fool proved.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Max. current consumption: 15 mA.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2117 U-500</b> | 2CKA006599A2987 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                      |                 |   |
|--|----------------------|-----------------|---|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI, with internal power supply</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in active mode.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel connection: 111<br/>           Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2117/11 U-500</b> | 2CKA006599A2988 | 1 |
|--|----------------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

# Busch-axcent®

## Dimmers

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



### Cover plate <sup>1)</sup> with rotary knob, with indication lamp

Elevated knob.  
With transparent luminous ring.  
For Busch-Dimmer®.  
For inserts  
2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/  
6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.

|                                  |                        |                 |        |
|----------------------------------|------------------------|-----------------|--------|
| anthracite                       | <b>6540-81-102</b>     | 2CKA006599A2950 | 10     |
| aluminium silver <sup>2)</sup>   | <b>6540-83-102</b>     | 2CKA006599A2952 | 10/100 |
| studio white                     | <b>6540-84-102-500</b> | 2CKA006599A3009 | 10/100 |
| grey metallic <sup>2)</sup>      | <b>6540-803-102</b>    | 2CKA006599A2980 | 10     |
| studio white, matt <sup>2)</sup> | <b>6540-884-102</b>    | 2CKA006599A2961 | 10/100 |
| black matt <sup>2)</sup>         | <b>6540-885-102</b>    | 2CKA006599A2966 | 10/100 |

<sup>1)</sup> Replacement neon lamp, Art. No. 3855.

<sup>2)</sup> Surface painted.



### Control element <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with neon lamp

Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U.

|                                  |                        |                 |      |
|----------------------------------|------------------------|-----------------|------|
| anthracite                       | <b>6543-81-101</b>     | 2CKA006599A2881 | 1/10 |
| aluminium silver <sup>4)</sup>   | <b>6543-83-101</b>     | 2CKA006599A2887 | 1/10 |
| studio white                     | <b>6543-84-101-500</b> | 2CKA006599A3010 | 1/10 |
| grey metallic <sup>4)</sup>      | <b>6543-803-101</b>    | 2CKA006599A2942 | 1/10 |
| studio white, matt <sup>4)</sup> | <b>6543-884-101</b>    | 2CKA006599A2963 | 1/10 |
| black matt <sup>4)</sup>         | <b>6543-885-101</b>    | 2CKA006599A2968 | 1/10 |

<sup>1)</sup> Compatible with previous type 6543-xxx.

<sup>2)</sup> Touch-type Controller 6550 U-xxx non-illuminable.

<sup>3)</sup> Replacement neon lamp 3857.

<sup>4)</sup> Surface painted.



### Cover plate for cooling element

For Busch-Universal master dimmer power module 6594 U.  
For KNX room temperature controller object 6109/08.

|                                  |                 |                 |    |
|----------------------------------|-----------------|-----------------|----|
| anthracite                       | <b>6541-81</b>  | 2CKA006599A2882 | 10 |
| aluminium silver <sup>1)</sup>   | <b>6541-83</b>  | 2CKA006599A2885 | 10 |
| studio white                     | <b>6541-84</b>  | 2CKA006599A2835 | 10 |
| grey metallic <sup>1)</sup>      | <b>6541-803</b> | 2CKA006599A2940 | 10 |
| studio white, matt <sup>1)</sup> | <b>6541-884</b> | 2CKA006599A2962 | 10 |
| black matt <sup>1)</sup>         | <b>6541-885</b> | 2CKA006599A2967 | 10 |

<sup>1)</sup> Surface painted.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



### LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> FM, LED, 3-240 VA

2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1



|                    |                 |   |
|--------------------|-----------------|---|
| <b>64851 U-500</b> | 2CKA006500A0013 | 1 |
|--------------------|-----------------|---|

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.

<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Recommendation: Please use loads and types of one producer.

<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.



### Control element, 1 gang flex

Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.

|                  |                 |   |
|------------------|-----------------|---|
| <b>64711-500</b> | 2CKA006400A0099 | 1 |
|------------------|-----------------|---|








### Control element, 1 gang, flex wireless

Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.

|                     |                 |   |
|---------------------|-----------------|---|
| <b>62711-WL-500</b> | 2CKA006200A0281 | 1 |
|---------------------|-----------------|---|

# Busch-axcent®

## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Flex control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.   |                 |          |
|   | <b>64721-500</b>  | 2CKA006400A0101 | 1        |
|    | <b>Control element, 2 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1        |
|  | <b>Rocker 1gang, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/ actuator units  |                 |          |
| anthracite  | SRD-1-81  | 2CKA006220A0149 | 1        |
| aluminium silver  | SRD-1-83  | 2CKA006220A0150 |          |
| studio white  | SRD-1-84  | 2CKA006220A0151 | 1        |
| grey metallic   | SRD-1-803   | 2CKA006220A0554 | 1        |
| studiowh. matt  | SRD-1-884   | 2CKA006220A0605 | 1        |
| black matt  | SRD-1-885   | 2CKA006220A0622 |          |
|  | <b>Rocker 2gang left, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/ actuator units   |                 |          |
| anthracite  | SRD-2-L-81  | 2CKA006220A0164 | 1        |
| aluminium silver  | SRD-2-L-83  | 2CKA006220A0165 | 1        |
| studio white  | SRD-2-L-84  | 2CKA006220A0166 | 1        |
| grey metallic   | SRD-2-L-803   | 2CKA006220A0559 |          |
| studiowh. matt  | SRD-2-L-884   | 2CKA006220A0610 | 1        |
| black matt  | SRD-2-L-885   | 2CKA006220A0627 | 1        |
|  | <b>Rocker 2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/ actuator units   |                 |          |
| anthracite  | SRS-2-R-81  | 2CKA006220A0173 | 1        |
| aluminium silver  | SRS-2-R-83  | 2CKA006220A0174 | 1        |
| studio white  | SRS-2-R-84  | 2CKA006220A0175 | 1        |
| grey metallic   | SRS-2-R-803   | 2CKA006220A0562 |          |
| studiowh. matt  | SRS-2-R-884   | 2CKA006220A0613 | 1        |
| black matt  | SRS-2-R-885   | 2CKA006220A0630 | 1        |

## Busch-axcent®

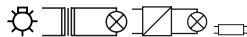
### Movement detectors

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Proximity switch

3 wire connection (neutral conductor required).  
Relay insert with proximity sensor.  
For contactless ON/OFF switching of electric loads, e.g. lights.  
For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.  
Switches when detecting an approach at < approx. 5 cm.  
Operation also possible via conventional push buttons (2020 US, 2021/6 UK).  
Rated voltage: 230 V~, +10 % / -10 %  
Rated frequency: 50 Hz - 60 Hz  
Outputs: 1x Normally open contact, potential-bound  
Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.  
Rated current: 10 AX  
Rated power: 2300 W/VA  
Temperature range (Device): -25 °C to 55 °C  
British Standard EN 60669-2-1



|               |                 |   |
|---------------|-----------------|---|
| <b>6406 U</b> | 2CKA006400A0034 | 1 |
|---------------|-----------------|---|



#### Cover plate

#### Proximity switch

For proximity switch 6406 U.

| Product                          | Article-No.     | Order-No.       | Pack/Qty |
|----------------------------------|-----------------|-----------------|----------|
| anthracite                       | <b>6476-81</b>  | 2CKA006470A0007 | 1/10     |
| aluminium silver <sup>1)</sup>   | <b>6476-83</b>  | 2CKA006470A0008 | 10       |
| ivory white                      | <b>6476-82</b>  | 2CKA006470A0003 | 10       |
| studio white                     | <b>6476-84</b>  | 2CKA006470A0004 | 10       |
| grey metallic <sup>1)</sup>      | <b>6476-803</b> | 2CKA006470A0006 | 10       |
| studio white, matt <sup>1)</sup> | <b>6476-884</b> | 2CKA006470A0010 | 10       |
| black matt <sup>1)</sup>         | <b>6476-885</b> | 2CKA006470A0011 | 10       |

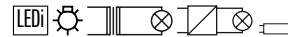
<sup>1)</sup>Surface painted.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Relay insert flex, 1gang <sup>1)</sup>

3 wire connection (neutral conductor required).  
For switching lighting systems.  
Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.  
Operation also possible via conventional push buttons (2020 US, 2021/6 UK).  
Without control cover.  
For control element flex, 1gang, wireless, 62711-WL.  
For control element flex, 2gang, wireless, 62721-WL.  
For Busch-Comfort switch flex control element 64765-... .  
For Busch-Watchdog 180 flex sensors 6476x-... .  
For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.  
Combinable with extension insert, 64891 U.  
Rated voltage: 230 V~, +10 % / -10 %  
Rated frequency: 50 Hz  
Inputs: 1  
Outputs: 1x Normally open contact, potential-bound  
Suitable for: 230 V- LEDi, typical.  
Rated power: 300 VA  
Suitable for: 230 V incandescent lamps/230 V halogen lamps  
Rated power: 2300 W  
Suitable for: Low voltage halogen lamps that are operated via transformers.  
Rated power: 2300 VA  
Temperature range (Device): -25 °C to 55 °C  
Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm  
Mounting depth: 25 mm




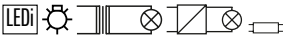
|                    |                 |      |
|--------------------|-----------------|------|
| <b>64811 U-500</b> | 2CKA006800A3042 | 1/10 |
|--------------------|-----------------|------|

<sup>1)</sup>Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)





## Busch-axcent®

### Movement detectors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Relay insert flex, 2gang <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required).<br/>           For switching lighting systems.<br/>           For switching two independent load circuits.<br/>           For controlling light and ventilation systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>           Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>           Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Comfort switch flex control element 64765-...<br/>           For Busch-Watchdog 180 flex sensors 6476x-...<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 2<br/>           Outputs: 2x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 1840 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 1150 VA<br/>           Temperature range (Device): -25 °C to 55 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>  | <b>64821 U-500</b> | 2CKA006800A3045 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>e-contact insert flex, 1gang <sup>1) 2)</sup></b><br/>           2-wire connection (neutral conductor not required)<br/>           Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA).<br/>           For switching lighting systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>           Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>           Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Watchdog 180 flex sensors 6476x-...<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 3 - 240 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 10 - 240 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 3 - 240 VA<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>  | <b>64814 U-500</b> | 2CKA006800A3048 | 1        |

<sup>1)</sup> Use only dimmable high-voltage LEDs.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## Busch-axcent®

### Movement detectors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1) 2) 3) 4) 5)</sup></b><br/> <b>FM, LED, 3-240 VA</b><br/>           2-wire connection (neutral conductor not required)<br/>           Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>4)</sup> Recommendation: Please use loads and types of one producer.


<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Combinable with all flex inserts. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Control/Signal outputs: 1, electronic output, potential-bound. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.          | Order-No.       | Pack/Qty |
|---|----------------------|-----------------|----------|
|  <p><b>Comfort switch flex sensor</b><br/>           Movement detector push-button switch combination. For switching lighting systems that depend on brightness and movement. Push switch function possible at all times. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. Compatible with all free@home flexTronics inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C.</p> |                      |                 |          |
| anthracite  | <b>64765-81-500</b>  | 2CKA006800A2883 |          |
| ivory white   | <b>64765-82-500</b>  | 2CKA006800A2885 |          |
| studio white  | <b>64765-84-500</b>  | 2CKA006800A2889 |          |
| studio white, matt <sup>3)</sup>  | <b>64765-884-500</b> | 2CKA006800A2893 |          |
| black matt <sup>3)</sup>  | <b>64765-885-500</b> | 2CKA006800A2895 |          |

| Product   | Article-No.          | Order-No.       | Pack/Qty |
|---|----------------------|-----------------|----------|
|  <p><b>Busch-Watchdog 180 flex, basic sensor <sup>1) 2)</sup> with select-lens</b><br/>           Movement detector sensor with with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br/>           For relay insert flex, 1gang, 64811 U.<br/>           For e-contact insert flex, 1gang, 64814 U.<br/>           For series relay insert flex, 2gang, 64821 U.<br/>           For LED touch dimmer insert flex, 1gang, 64851 U.<br/>           For extension insert flex, 64891 U.<br/>           Mounting height: 22 mm.<br/>           Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/>           Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m. Detection angle: 180°. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br/>           Mounting height: 0.8 m - 1.2 m<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> |                      |                 |          |
| anthracite  | <b>64761-81-500</b>  | 2CKA006800A2921 | 1        |
| ivory white   | <b>64761-82-500</b>  | 2CKA006800A2923 | 1        |
| studio white  | <b>64761-84-500</b>  | 2CKA006800A2927 | 1        |
| studio white, matt <sup>3)</sup>  | <b>64761-884-500</b> | 2CKA006800A2931 | 1        |
| black matt <sup>3)</sup>  | <b>64761-885-500</b> | 2CKA006800A2933 | 1        |


<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

## Busch-axcent®


### Movement detectors

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with select-lens</b>   |                 |          |
|   | Movement detector sensor with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Extension of the detection range by means of master/slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 14 sectors with 56 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 22 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm |                 |          |
| anthracite  | <b>64762-81-500</b>  | 2CKA006800A2958 | 1        |
| ivory white   | <b>64762-82-500</b>  | 2CKA006800A2960 | 1        |
| studio white  | <b>64762-84-500</b>  | 2CKA006800A2964 | 1        |
| studio white matt <sup>3)</sup>   | <b>64762-884-500</b>   | 2CKA006800A2968 | 1        |
| black matt <sup>3)</sup>  | <b>64762-885-500</b>   | 2CKA006800A2970 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with multi-lens</b>  |                 |          |
|   | Movement detector sensor with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>For detection down to the floor.<br>For detection in stairwells.<br>With 4 detection levels.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Multi-lens: suitable also for mounting heights of 2.20 m.<br>Extension of the detection range by means of master/slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 54 sectors with 224 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 31 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br>Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 45 mm |                 |          |
| anthracite  | <b>64764-81-500</b>  | 2CKA006800A2995 | 1        |
| ivory white   | <b>64764-82-500</b>  | 2CKA006800A2997 | 1        |
| studio white  | <b>64764-84-500</b>  | 2CKA006800A3001 | 1        |
| studio white matt <sup>3)</sup>   | <b>64764-884-500</b>   | 2CKA006800A3005 | 1        |
| black matt <sup>3)</sup>  | <b>64764-885-500</b>   | 2CKA006800A3007 | 1        |


<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

## Busch-axcent®


### Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Key Switch Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>breaking circuit, 1-pole</b><br>For profile semi-cylindrical lock.<br>In switched-on and switched-off status the key can be pulled out in the central position, respectively.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2733 USL-101</b>   | 2CKA001101A0914 | 10       |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>  | not applicable  |                 |          |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.  |                 |          |

<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)


<sup>2)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>3)</sup> See profile semi-cylindrical lock.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup><br/>SP, switch</b><br>With interlock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1 |                 |        |
|   | <b>2000/4 US-500</b>  | 2CKA001012A2197 | 10/100 |
|   | <b>2020/4 US-500</b>  | 2CKA001413A1103 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br>With rotary knob/switch and push switch.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1, British Standard EN 60669-1 |                 |    |
|   | <b>DP <sup>3)</sup></b>  |                 |    |
|   | <b>2712 U</b>  | 2CKA001101A0534 | 10 |
|   | <b>SP, N, E</b>  |                 |    |
|   | <b>2713 U</b>  | 2CKA001101A0542 | 10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.  |                 |    |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |    |
| <b>neon indicator:</b>  | not applicable   |                 |    |
| <b>delivery form:</b>   | Adapter plate APBS to be ordered separate.   |                 |    |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.


<sup>3)</sup> Also suitable for controlling direct voltage drives.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br>With rotary knob/push button.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>DP <sup>3)</sup></b>  |                 |          |
|   | <b>2722 U</b>  | 2CKA001101A0559 | 10       |
|   | <b>SP, N, E</b>  |                 |          |
|   | <b>2723 U</b>  | 2CKA001101A0567 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Also suitable for controlling direct voltage drives.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Blind switch/push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br>For profile semi-cylindrical lock/switch and push-switch.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC60669-1, British Standard EN 60669-1 |                 |    |
|  | <b>DP <sup>5)</sup></b>  |                 |    |
|  | <b>2712 USL-101</b>  | 2CKA001101A0872 | 10 |
|  | <b>SP, N, E</b>  |                 |    |
|  | <b>2713 USL-101</b>  | 2CKA001101A0880 | 10 |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>4)</sup> See semi-cylindrical lock.

<sup>5)</sup> Also suitable for controlling direct voltage drives.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br>For profile semi-cylindrical lock/push-button.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>British Standard EN 60669-1, IEC60669-1 |                 |    |
|   | <b>DP <sup>5)</sup></b>  |                 |    |
|   | <b>2722 USL-101</b>  | 2CKA001101A0898 | 10 |
|   | <b>SP, N, E</b>  |                 |    |
|   | <b>2723 USL-101</b>  | 2CKA001101A0906 | 10 |

<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.



<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.



<sup>4)</sup> See semi-cylindrical lock.



<sup>5)</sup> Also suitable for controlling direct voltage drives.

## Busch-axcent®

### Blind control / timers

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>DIN profile-semi cylindrical lock</b><br/>Acc. to German Standard DIN 18252.<br/>Total length 40 mm<br/>for blind switches and push switches<br/>For inserts 2712/2713/2722/2723/2733 USL-101 and<br/>2712/2733 SLW-5x.<br/>Protection class (Device): IP 20</p> <p><b>different lock mechanism, with 3 keys</b></p> <p><b>0520 PZ-VS</b> 2CKA000470A0013 1/100</p> <p><b>lock mechanism, with 3 keys</b></p> <p><b>0521 PZ-GS</b> 2CKA000470A0021 1/100</p>  |             |           |          |
|   |             |           |          |
|  <p><b>Blind compact timer</b><br/>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br/>Without extension unit input.<br/>Running time: 3 min<br/>N-busbar connection is required.<br/>For manual and time-controlled switching of blinds and roller blinds.<br/>Memory function for the simple storage of switching times.<br/>The controlled devices can be manually operated at any time.<br/>Simple setting via display with with segment display and background illumination.<br/>Factory pre-set switching times, individual adaptations are possible.<br/>2 switching times per day can be freely adjusted for each day of the week.<br/>Automatic switchover from summer time to winter time (switch-off function).<br/>Switching times and programs are safely stored in the event of a mains power failure.<br/>Power reserve for time and date &gt; 10 years.<br/>Simple toggling between manual/automatic/vacation modes.<br/>See the associated cover plates 6435-xx.<br/>Programming possible only with control element attached and energized.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 45 °C</p> <p><b>6422 U-500</b> 2CKA006410A0410 1/10</p> |             |           |          |
|   |             |           |          |

| Product  | Article-No. | Order-No. | Pack/Qty |
|--|-------------|-----------|----------|
|  <p><b>Basic blind insert <sup>1)</sup> <sup>2)</sup></b><br/><b>2-wire blind insert</b><br/>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br/>Suitable for operation without neutral conductor.<br/>Without an extension input.<br/>For control cover 6430-xx-xxx.<br/>For standard timer control element 6456-101.<br/>Running time: 3 min. Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 35 °C</p> <p><b>6418 U-500</b> 2CKA006410A0376 1/10</p> <p><b>Mounting boxes:</b> 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.</p> <p><b>2gang product combinations:</b> 2gang combination with adapter plate APBS in Dual Box only.</p> <p><sup>1)</sup> N-conductor connection required for operation with control cover 6430-7x, illuminated.<br/><sup>2)</sup> N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.</p> |             |           |          |
|  |             |           |          |
|  <p><b>Busch-Blind control II switch insert <sup>1)</sup></b><br/>Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off.<br/>With two 230 V multi-way input terminals (Up/Down) for group control. With operating mode switch for the following modes: normal, louvre, base station, position. With party function (disables the local control unit) in combination with Busch-Blind control II control cover 6430-xx-xxx, 6066-xx-xxx. Wind alarm, cleaning functions can be accommodated via extension input.<br/>For control cover 6430-xx-xxx. For IR control element 6066-xx-xxx. For comfort timer control element 6455-101-500. Running time: 3 min<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Control/Signal outputs: 2<br/>Temperature range (Device): 0 °C to 35 °C</p> <p><b>6411 U-500-101</b> 2CKA006410A0378 1/10</p> <p><sup>1)</sup> Compatible with types 6411 U/x.</p>  |             |           |          |
|  |             |           |          |


|  |  |  |  |
|--|--|--|--|
|  <p><b>Brightness sensor</b><br/>For insert 6411U/S-101.<br/>With 2 m connecting cable.<br/>Measuring range: 15-50,000 lux.</p> <p><b>6414-101</b> 2CKA006410A0389 1/10</p> |  |  |  |
|  |  |  |  |
|  <p><b>Sun sensor</b><br/>For insert 6411U/S-101.<br/>Measuring range: 5-50,000 lux.</p> <p><b>6482</b> 2CKA006410A0203 1</p>   |  |  |  |
|  |  |  |  |

## Busch-axcent®


### Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Short-time timer insert 1)<br/>countdown timer</b><br>For time-programmed switching of electrical consumers.<br>With control cover, without cover plate.<br>Minimum timer time: 1 second.<br>Maximum timer time: 9:59:59 hours.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Outputs: 1x Normally open contact<br>Rated current: 10 A, cos φ 1<br>Rated power: 2300 VA<br>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>6465 U-101-500</b>   | 2CKA006410A0393 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>Cover frames:</b>  | 1gang frame 1721 BS-2xG<br>or Dual Box frame 1722 BSDB-2xG.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate<br>APBS in Dual Box only.  |                 |          |
| <b>neon indicator:</b>  | not applicable  |                 |          |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker with marking</b><br>As cover for flush-mounted blind control switch/push switch.<br>For inserts 2000/4 and 2020/4 US.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1785 JA-81</b>   | 2CKA001751A2934 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1785 JA-83</b>   | 2CKA001751A2944 | 10/100   |
| studio white  | <b>1785 JA-84-500</b>   | 2CKA001751A3088 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1785 JA-803</b>  | 2CKA001751A3020 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1785 JA-884</b>  | 2CKA001751A3022 | 10       |
| black matt <sup>1)</sup>  | <b>1785 JA-885</b>  | 2CKA001751A3036 | 10       |

<sup>1)</sup> Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate with rotary control, with marking</b><br>As cover for flush-mounted blind control switch/push switch.<br>For inserts 2712 U, 2713 U and 2722 U, 2723 U.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1740-81</b>   | 2CKA001710A3623 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1740-83</b>   | 2CKA001710A3661 | 10       |
| studio white  | <b>1740-84</b>   | 2CKA001710A3172 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1740-803</b>  | 2CKA001710A3840 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1740-884</b>  | 2CKA001710A3872 | 10       |
| black matt <sup>1)</sup>  | <b>1740-885</b>  | 2CKA001710A3894 | 10       |

<sup>1)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate 1)<br/>with labelling field</b><br>With marking.<br>For half-cylindrical type switches and blind control switch/push-switch.<br>For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1755 SL/PZ-81-101</b>  | 2CKA001710A3626 | 10       |
| aluminium silver <sup>2)</sup>  | <b>1755 SL/PZ-83-101</b>  | 2CKA001710A3662 | 10       |
| studio white  | <b>1755 SL/PZ-84-101</b>  | 2CKA001710A3175 | 10       |
| grey metallic <sup>2)</sup>   | <b>1755 SL/PZ-803-101</b>   | 2CKA001710A3841 | 10       |
| studio white, matt <sup>2)</sup>  | <b>1755 SL/PZ-884-101</b>   | 2CKA001710A3925 | 10       |
| black matt <sup>2)</sup>  | <b>1755 SL/PZ-885-101</b>   | 2CKA001710A3902 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Control element</b><br>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br>For basic blind insert 6418 U.<br>For Busch-Universal 2gang 1way insert 6402 U. |                 |          |
| anthracite  | <b>6430-81-102</b>   | 2CKA006430A0326 | 1/10     |
| aluminium silver <sup>1)</sup>  | <b>6430-83-102</b>   | 2CKA006430A0328 | 1/10     |
| studio white  | <b>6430-84-102-500</b>   | 2CKA006430A0400 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>6430-803-102</b>  | 2CKA006430A0350 | 1/10     |
| studio white, matt <sup>1)</sup>  | <b>6430-884-102</b>  | 2CKA006430A0385 | 1/10     |
| black matt <sup>1)</sup>  | <b>6430-885-102</b>  | 2CKA006430A0386 | 1/10     |

<sup>1)</sup> Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For comfort timer control element 6455-101-500.<br>For standard timer control element 6456-101.<br>For room thermostats 1098 U-101 and 1098 UF-101.<br>For short-time timer 6465 U-101.<br>For Busch-CO2 sensor 1091 U-500.<br>For blind compact timer 6422 U. |                 |          |
| anthracite <sup>1)</sup>  | <b>6436-81</b>   | 2CKA006430A0387 | 10       |
| aluminium silver <sup>1)</sup>  | <b>6436-83</b>   | 2CKA006430A0357 | 10       |
| studio white  | <b>6435-84</b>   | 2CKA006430A0306 | 10       |
| grey metallic <sup>1)</sup>   | <b>6436-803</b>  | 2CKA006430A0360 | 10       |
| studio white, matt <sup>1)</sup>  | <b>6436-884</b>  | 2CKA006430A0363 | 10       |
| black matt <sup>1)</sup>  | <b>6435-885</b>  | 2CKA006430A0389 | 10       |

<sup>1)</sup> Surface painted.

<sup>2)</sup> Phase-out type


## Busch-axcent®

### Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Time switch mechanism 16 A <sup>1)</sup> <sup>2)</sup></b><br/> <b>DP, break contact for staircases, exterior lighting, fans, etc.</b><br/>           Running time: 15 min<br/>           For time-programmed switching of electrical consumers.<br/>           Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird.<br/>           Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated current: 16 A, cos φ 0.25<br/>           Protection class (Device): IP 20</p> | <b>1070 U</b> | 2CKA001043A0025 | 1/10     |


<sup>1)</sup> For screw-fixing only

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |               |                 |   |
|---|---------------|-----------------|---|
|  <p><b>Time switch mechanism 16 A <sup>1)</sup> <sup>2)</sup></b><br/> <b>DP, break contact for staircases, exterior lighting, fans, etc.</b><br/>           Running time: 120 min<br/>           For time-programmed switching of electrical consumers.<br/>           Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird.<br/>           Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated current: 16 A, cos φ 0.25<br/>           Protection class (Device): IP 20</p> | <b>1071 U</b> | 2CKA001043A0124 | 1 |
|---|---------------|-----------------|---|


<sup>1)</sup> For screw-fixing only

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                                |                    |                 |    |
|--|--------------------------------|--------------------|-----------------|----|
|  <p><b>Cover plate with rotary knob, with marking</b><br/>           For Busch-Timer insert 1070 U.<br/>           Running time: 15 min<br/>           Protection class (Device): IP 20</p> | anthracite                     | <b>1770-81-103</b> | 2CKA001753A0255 | 10 |
|  | aluminium silver <sup>1)</sup> | <b>1770-83-103</b> | 2CKA001753A0257 | 10 |
| studio white   | <b>1770-84-103</b>             | 2CKA001753A0258    | 10              |    |
| grey metallic <sup>1)</sup>  | <b>1770-803-103</b>            | 2CKA001753A0254    | 10              |    |
| studio white matt <sup>2)</sup>  | <b>1770-884-103</b>            | 2CKA001753A0260    | 10              |    |
| black matt <sup>1)</sup>   | <b>1770-885-103</b>            | 2CKA001753A0261    | 10              |    |

<sup>1)</sup> Surface painted.


<sup>2)</sup> Surface lacquered in aluminium.

| Product   | Article-No.                    | Order-No.          | Pack/Qty        |    |
|---|--------------------------------|--------------------|-----------------|----|
|  <p><b>Cover plate with rotary knob, with marking</b><br/>           For Busch-Timer insert 1071 U.<br/>           Running time: 120 min<br/>           Protection class (Device): IP 20</p> | anthracite                     | <b>1771-81-103</b> | 2CKA001753A0265 | 10 |
|   | aluminium silver <sup>1)</sup> | <b>1771-83-103</b> | 2CKA001753A0267 | 10 |
| studio white  | <b>1771-84-103</b>             | 2CKA001753A0301    | 10              |    |
| grey metallic <sup>1)</sup>   | <b>1771-803-103</b>            | 2CKA001753A0264    | 10              |    |
| studio white matt <sup>1)</sup>   | <b>1771-884-103</b>            | 2CKA001753A0303    | 10              |    |
| black matt <sup>1)</sup>  | <b>1771-885-103</b>            | 2CKA001753A0304    | 10              |    |


<sup>1)</sup> Surface painted.

## Busch-axcent®

### Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUC-81-500</b>  | 2CKA002011A6215 | 10/100   |
| aluminium<br>silver <sup>1)</sup>   | <b>20 EUC-83-500</b>  | 2CKA002011A6213 | 10/100   |
| studio white  | <b>20 EUC-84-500</b>  | 2CKA002011A6207 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>20 EUC-803-500</b>   | 2CKA002011A6216 | 10/100   |
| studio white,<br>matt   | <b>20 EUC-884-500</b>   | 2CKA002011A6208 | 10       |
| black matt <sup>1)</sup>  | <b>20 EUC-885-500</b>   | 2CKA002011A6211 | 10/100   |

<sup>1)</sup> Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet without claw <sup>1)</sup> shuttered</b><br>Without claws.<br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>20 EUCRB-81</b>   | 2CKA002013A5437 | 10/100 |
| aluminium<br>silver <sup>2)</sup>  | <b>20 EUCRB-83</b>   | 2CKA002013A5439 | 10/100 |
| studio white   | <b>20 EUCRB-84-500</b>   | 2CKA002013A5441 | 10/100 |
| grey metallic <sup>2)</sup>  | <b>20 EUCRB-803</b>  | 2CKA002013A5436 | 10/100 |
| studio white,<br>matt <sup>2)</sup>  | <b>20 EUCRB-884</b>  | 2CKA002013A5443 | 10     |
| black matt <sup>2)</sup>   | <b>20 EUCRB-885</b>  | 2CKA002013A5444 | 10/100 |

<sup>1)</sup> Increased shock protection .


<sup>2)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>2300 EUCB-81</b>  | 2CKA002013A5448 | 10     |
| aluminium<br>silver <sup>3)</sup>   | <b>2300 EUCB-83</b>  | 2CKA002013A5450 | 10/100 |
| studio white  | <b>2300 EUCB-84</b>  | 2CKA002013A5451 | 10/100 |
| grey metallic <sup>3)</sup>   | <b>2300 EUCB-803</b>   | 2CKA002013A5447 | 10/100 |
| studio white,<br>matt <sup>3)</sup>   | <b>2300 EUCB-884</b>   | 2CKA002013A5453 | 10/100 |
| black matt <sup>3)</sup>  | <b>2300 EUCB-885</b>   | 2CKA002013A5454 | 10/100 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> With screw-type terminals


<sup>3)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>23 EUCB-81</b>  | 2CKA002013A5474 | 10       |
| ivory white   | <b>23 EUCB-82</b>  | 2CKA002013A5475 | 10       |
| aluminium<br>silver <sup>3)</sup>   | <b>23 EUCB-83</b>  | 2CKA002013A5476 | 10       |
| studio white  | <b>23 EUCB-84</b>  | 2CKA002013A5477 | 10/100   |
| studio white,<br>matt <sup>3)</sup>   | <b>23 EUCB-884</b>   | 2CKA002013A5479 | 10       |
| black matt <sup>3)</sup>  | <b>23 EUCB-885</b>   | 2CKA002013A5480 | 10       |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> With screw-type terminal for rigid and flexible wires

<sup>3)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUCKS-81</b>  | 2CKA002013A5265 | 10     |
| aluminium<br>silver <sup>2)</sup>   | <b>20 EUCKS-83-500</b>  | 2CKA002013A5375 | 10/100 |
| studio white  | <b>20 EUCKS-84-500</b>  | 2CKA002013A5372 | 10/100 |
| grey metallic <sup>2)</sup>   | <b>20 EUCKS-803</b>   | 2CKA002013A5297 | 10/100 |
| studio white,<br>matt   | <b>20 EUCKS-884-500</b>   | 2CKA002013A5373 | 10/100 |
| black matt <sup>2)</sup>  | <b>20 EUCKS-885</b>   | 2CKA002013A5333 | 10/100 |


<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Surface painted.



## Busch-axcent®

### Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® USB socket outlet, 2gang<sup>1) 2) 3) 4)</sup><br/><b>shuttered</b></b>   |                 |          |
|   | For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: SCHUKO® socket outlet<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Output voltage: 5 V-<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |          |
| anthracite  | <b>20 EUCB2USB-81-500</b>  | 2CKA002011A6268 | 1/10     |
| aluminium<br>silver <sup>5)</sup>   | <b>20 EUCB2USB-83-500</b>  | 2CKA002011A6272 | 1/10     |
| studio white  | <b>20 EUCB2USB-84-500</b>  | 2CKA002011A6274 | 1/10     |
| grey metallic <sup>5)</sup>   | <b>20 EUCB2USB-803-500</b>   | 2CKA002011A6276 | 1/10     |
| studio white<br>matt <sup>5)</sup>  | <b>20 EUCB2USB-884-500</b>   | 2CKA002011A6278 | 1/10     |
| black matt <sup>5)</sup>  | <b>20 EUCB2USB-885-500</b>   | 2CKA002011A6280 | 1/10     |


<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>3)</sup> No data transfer.


<sup>4)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.

<sup>5)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Socket outlet<sup>1)</sup><br/>shuttered</b>  |                 |          |
|   | With screwless terminals.<br>DP (2 P + E)<br>With eject mechanism.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUCBDR-81</b>  | 2CKA002013A5415 | 10       |
| studio white  | <b>20 EUCBDR-84</b>  | 2CKA002013A5418 | 10       |
| aluminium<br>silver <sup>2)</sup>   | <b>20 EUCBDR-83</b>  | 2CKA002013A5417 | 10       |
| grey metallic <sup>2)</sup>   | <b>20 EUCBDR-803</b>   | 2CKA002013A5414 | 10       |
| studio white,<br>matt <sup>2)</sup>   | <b>20 EUCBDR-884</b>   | 2CKA002013A5420 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUCBDR-885</b>   | 2CKA002013A5421 | 10       |


<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet steplight<sup>1)</sup><br/>With night orientation light</b>   |                 |          |
|   | with separate connection cables for switch contact.<br>with LED,<br>Shuttered.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUCBLI-81</b>  | 2CKA002013A5459 | 1        |
| aluminium<br>silver <sup>2)</sup>   | <b>20 EUCBLI-83</b>  | 2CKA002013A5293 | 1        |
| studio white  | <b>20 EUCBLI-84</b>  | 2CKA002013A5294 | 1        |
| grey metallic <sup>2)</sup>   | <b>20 EUCBLI-803</b>   | 2CKA002013A5458 | 1        |
| studio white,<br>matt <sup>2)</sup>   | <b>20 EUCBLI-884</b>   | 2CKA002013A5326 | 1        |
| black matt <sup>2)</sup>  | <b>20 EUCBLI-885</b>   | 2CKA002013A5331 | 1        |


<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>2)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet<sup>1)</sup><br/>with labelling field</b>  |                 |          |
|   | DP (2 P + E)<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUN-81</b>  | 2CKA002011A3802 | 10       |
| aluminium<br>silver <sup>2)</sup>   | <b>20 EUN-83</b>  | 2CKA002011A3810 | 10       |
| studio white  | <b>20 EUN-84-500</b>  | 2CKA002011A6209 | 10/100   |
| grey metallic <sup>2)</sup>   | <b>20 EUN-803</b>   | 2CKA002011A3876 | 10       |
| studio white,<br>matt <sup>2)</sup>   | <b>20 EUN-884</b>   | 2CKA002011A3881 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUN-885</b>   | 2CKA002011A3884 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet<sup>1) 2)</sup><br/>with label field, increased shock protection</b>  |                 |          |
|   | Size of labelling field: 60 x 9 mm.<br>With screwless terminals.<br>DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUCNB-81</b>   | 2CKA002013A5427 | 10       |
| aluminium<br>silver <sup>3)</sup>   | <b>20 EUCNB-83</b>   | 2CKA002013A5429 | 10/100   |
| studio white  | <b>20 EUCNB-84-500</b>   | 2CKA002013A5431 | 10/100   |
| grey metallic <sup>3)</sup>   | <b>20 EUCNB-803</b>  | 2CKA002013A5426 | 10       |
| studio white,<br>matt <sup>3)</sup>   | <b>20 EUCNB-884</b>  | 2CKA002013A5433 | 10/100   |
| black matt <sup>3)</sup>  | <b>20 EUCNB-885</b>  | 2CKA002013A5434 | 10/100   |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Increased shock protection .

<sup>3)</sup> Surface painted.


## Busch-axcent®

### Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with marking "EDV"</b><br>With screwless terminals. DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUCKS/DV-81</b>   | 2CKA002013A5266 | 10       |
| aluminium silver <sup>2)</sup>  | <b>20 EUCKS/DV-83</b>   | 2CKA002013A5273 | 10/100   |
| studio white  | <b>20 EUCKS/DV-84</b>   | 2CKA002013A5268 | 10       |
| grey metallic <sup>2)</sup>   | <b>20 EUCKS/DV-803</b>  | 2CKA002013A5462 | 10/100   |
| studio white, matt <sup>2)</sup>  | <b>20 EUCKS/DV-884</b>  | 2CKA002013A5327 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUCKS/DV-885</b>  | 2CKA002013A5332 | 10       |


<sup>1)</sup> Increased shock protection.

<sup>2)</sup> Surface painted.


|  |   |                 |      |
|--|---|-----------------|------|
|  | <b>Busch-Protector® SCHUKO® socket outlet <sup>1)</sup> with overvoltage protection</b><br>DP (2 P + E)<br>With integrated and external signalling contact.<br>ISN = 5 kA<br>Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems.<br>Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet.<br>Arrestor test class: classification Type 2<br>Rated voltage: 250 V~, Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
| anthracite   | <b>2310 EUGL/VA-81-11</b>   | 2CKA002011A3830 | 1    |
| aluminium silver <sup>2)</sup>   | <b>2310 EUGL/VA-83-11</b>   | 2CKA002011A3832 | 1    |
| studio white   | <b>2310 EUGL/VA-84-11</b>   | 2CKA002011A3833 | 1    |
| red RAL 3020   | <b>2310 EUGL/VA-12-82-101</b>   | 2CKA002011A6257 | 1/10 |
| studio white, matt <sup>2)</sup>   | <b>2310 EUGL/VA-884-112</b>   | 2CKA002011A3882 | 1    |
| black matt <sup>2)</sup>   | <b>2310 EUGL/VA-885-112</b>   | 2CKA002011A3885 | 1    |

<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>2)</sup> Surface painted.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>SCHUKO® socket outlet with LED control light</b><br>Shuttered. DP (2 P + E)<br>With transparent lens.<br>LED colour green.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>20 EUCBL-81</b>  | 2CKA002013A5457 | 10 |
| aluminium silver <sup>1)</sup>  | <b>20 EUCBL-83</b>  | 2CKA002013A5285 | 10 |
| studio white  | <b>20 EUCBL-84</b>  | 2CKA002013A5286 | 10 |
| grey metallic <sup>1)</sup>   | <b>20 EUCBL-803</b>   | 2CKA002013A5456 | 10 |
| studio white, matt <sup>1)</sup>  | <b>20 EUCBL-884</b>   | 2CKA002013A5336 | 10 |
| black matt <sup>1)</sup>  | <b>20 EUCBL-885</b>   | 2CKA002013A5330 | 10 |

<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Object socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Incl. Cover plate with extract mechanism.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUAB-81</b>   | 2CKA002013A5404 | 10       |
| aluminium silver <sup>2)</sup>  | <b>20 EUAB-83</b>   | 2CKA002013A5406 | 10       |
| studio white  | <b>20 EUAB-84</b>   | 2CKA002013A5407 | 10       |
| grey metallic <sup>2)</sup>   | <b>20 EUAB-803</b>  | 2CKA002013A5403 | 10       |
| studio white, matt <sup>2)</sup>  | <b>20 EUAB-884</b>  | 2CKA002013A5409 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUAB-885</b>  | 2CKA002013A5410 | 10       |

<sup>1)</sup> Increased shock protection.

<sup>2)</sup> Surface painted.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with earth leakage circuit breaker</b><br>Shuttered.<br>DP cut off (P,N)<br>Without PE monitoring.<br>With output terminals for connecting and protecting downstream SCHUKO® socket outlets.<br>Rated fault current: 30 mA.<br>With fixing claws.<br>Rated frequency: 45-60 Hz.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20<br>Temperature range (Device): -25 °C to 40 °C |                 |      |
| anthracite  | <b>3120 EUCB-81</b>   | 2CKA003116A0667 | 1/10 |
| aluminium silver <sup>4)</sup>  | <b>3120 EUCB-83</b>   | 2CKA003116A0668 | 1/10 |
| studio white  | <b>3120 EUCB-84</b>   | 2CKA003116A0662 | 1    |
| grey metallic <sup>4)</sup>   | <b>3120 EUCB-803</b>  | 2CKA003116A0666 | 1/10 |
| studio white, matt <sup>4)</sup>  | <b>3120 EUCB-884</b>  | 2CKA003116A0670 | 1/10 |
| black matt <sup>4)</sup>  | <b>3120 EUCB-885</b>  | 2CKA003116A0671 | 1/10 |

<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.


<sup>2)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

<sup>3)</sup> Increased shock protection.

<sup>4)</sup> Surface painted.


## Busch-axcent®

### Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Buschmat® FI - Insert <sup>1)</sup> with earth leakage breaker with connecting conductor</b><br>Protection of downstream consumers.<br>Rated fault current: 30 mA.<br>DP cut off (P,N)<br>With fixing claws.<br>Rated frequency: 45-60 Hz.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20<br>Temperature range (Device): -25 °C to 40 °C |                 |          |
| anthracite  | <b>3151 UC-81</b>  | 2CKA003117A0009 | 1/10     |
| aluminium silver <sup>2)</sup>  | <b>3151 UC-83</b>  | 2CKA003117A0010 | 1/10     |
| studio white  | <b>3151 UC-84</b>  | 2CKA003117A0006 | 1/10     |
| grey metallic <sup>2)</sup>   | <b>3151 UC-803</b>   | 2CKA003117A0008 | 1/10     |
| studio white, matt <sup>2)</sup>  | <b>3151 UC-884</b>   | 2CKA003117A0012 | 1/10     |
| black matt <sup>2)</sup>  | <b>3151 UC-885</b>   | 2CKA003117A0013 | 1/10     |


<sup>1)</sup>Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

<sup>2)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet with hinged lid</b><br>With screwless terminals.<br>DP (2 P + E)<br>Hinged lid notches when opened.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUK-81</b>   | 2CKA002018A1486 | 10     |
| aluminium silver <sup>1)</sup>  | <b>20 EUK-83</b>   | 2CKA002018A1487 | 10     |
| studio white  | <b>20 EUK-84-500</b>   | 2CKA002018A1509 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>20 EUK-803</b>  | 2CKA002018A1493 | 10     |
| antique brass <sup>2)</sup>   | <b>20 EUK-840-500</b>  | 2CKA002018A1515 | 10     |
| black matt <sup>1)</sup>  | <b>20 EUK-885</b>  | 2CKA002018A1495 | 10     |

<sup>1)</sup>Surface painted.


<sup>2)</sup>Real metal surface refined by hand.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and internal increased shock protection</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUKB-81</b>  | 2CKA002018A1517 | 10/100   |
| aluminium silver <sup>2)</sup>  | <b>20 EUKB-83</b>  | 2CKA002018A1519 | 10/100   |
| studio white  | <b>20 EUKB-84</b>  | 2CKA002018A1520 | 10/100   |
| grey metallic <sup>2)</sup>   | <b>20 EUKB-803</b>   | 2CKA002018A1516 | 10/100   |
| studio white, matt <sup>2)</sup>  | <b>20 EUKB-884</b>   | 2CKA002018A1522 | 10/100   |
| black matt <sup>2)</sup>  | <b>20 EUKB-885</b>   | 2CKA002018A1523 | 10/100   |
| anthracite <sup>3)</sup>  | <b>20 EUKBR-81</b>   | 2CKA002018A1526 | 10/100   |
| aluminium silver <sup>2)</sup> <sup>3)</sup>                                      | <b>20 EUKBR-83</b>   | 2CKA002018A1528 | 10/100   |
| studio white <sup>3)</sup>  | <b>20 EUKBR-84</b>   | 2CKA002018A1529 | 10/100   |
| grey metallic <sup>2)</sup> <sup>3)</sup>   | <b>20 EUKBR-803</b>  | 2CKA002018A1525 | 10/100   |
| studio white, matt <sup>2)</sup> <sup>3)</sup>                                    | <b>20 EUKBR-884</b>  | 2CKA002018A1530 | 10/100   |
| black matt <sup>2)</sup> <sup>3)</sup>  | <b>20 EUKBR-885</b>  | 2CKA002018A1531 | 10/100   |

<sup>1)</sup>Increased shock protection .

<sup>2)</sup>Surface painted.

<sup>3)</sup>Without claw.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> with hinged lid and labelling field</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUKNB-81</b>  | 2CKA002018A1537 | 10/100 |
| aluminium silver <sup>4)</sup>  | <b>20 EUKNB-83</b>  | 2CKA002018A1539 | 10/100 |
| studio white  | <b>20 EUKNB-84</b>  | 2CKA002018A1540 | 10/100 |
| grey metallic <sup>4)</sup>   | <b>20 EUKNB-803</b>   | 2CKA002018A1536 | 10/100 |
| studio white, matt <sup>4)</sup>  | <b>20 EUKNB-884</b>   | 2CKA002018A1541 | 10/100 |
| black matt <sup>4)</sup>  | <b>20 EUKNB-885</b>   | 2CKA002018A1542 | 10/100 |

<sup>1)</sup>Increased shock protection .


<sup>2)</sup>The labels are clamped under the labelling field.

<sup>3)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>4)</sup>Surface painted.


## Busch-axcent®

### Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and lock</b><br>Shuttered. With screwless terminals.<br>DP (2 P + E)<br>With different lock mechanism.<br>Delivery includes 2 keys.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUKNBSL-81</b>   | 2CKA002018A1557 | 10       |
| aluminium silver <sup>2)</sup>  | <b>20 EUKNBSL-83</b>   | 2CKA002018A1561 | 10       |
| studio white  | <b>20 EUKNBSL-84</b>   | 2CKA002018A1563 | 10       |
| grey metallic <sup>2)</sup>   | <b>20 EUKNBSL-803</b>  | 2CKA002018A1555 | 10       |
| studio white, matt <sup>2)</sup>  | <b>20 EUKNBSL-884</b>  | 2CKA002018A1565 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUKNBSL-885</b>  | 2CKA002018A1567 | 10       |


<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and lock</b><br>Shuttered. With screwless terminals.<br>DP (2 P + E)<br>With evenly engaging lock.<br>Delivery includes 2 keys.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>20 EUKNBSL-81-101</b>   | 2CKA002018A1558 | 10 |
| aluminium silver <sup>2)</sup>  | <b>20 EUKNBSL-83-101</b>   | 2CKA002018A1562 | 10 |
| studio white  | <b>20 EUKNBSL-84-101</b>   | 2CKA002018A1564 | 10 |
| grey metallic <sup>2)</sup>   | <b>20 EUKNBSL-803-101</b>  | 2CKA002018A1556 | 10 |
| studio white, matt <sup>2)</sup>  | <b>20 EUKNBSL-884-101</b>  | 2CKA002018A1566 | 10 |
| black matt <sup>2)</sup>  | <b>20 EUKNBSL-885-101</b>  | 2CKA002018A1568 | 10 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Surface painted.


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> with hinged lid, labelling field and LED control light</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E) with hinged lid<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUKNBL-81</b>   | 2CKA002018A1548 | 10/100 |
| aluminium silver <sup>4)</sup>  | <b>20 EUKNBL-83</b>   | 2CKA002018A1550 | 10/100 |
| studio white  | <b>20 EUKNBL-84</b>   | 2CKA002018A1551 | 10/100 |
| grey metallic <sup>4)</sup>   | <b>20 EUKNBL-803</b>  | 2CKA002018A1547 | 10/100 |
| studio white, matt <sup>4)</sup>  | <b>20 EUKNBL-884</b>  | 2CKA002018A1552 | 10/100 |
| black matt <sup>4)</sup>  | <b>20 EUKNBL-885</b>  | 2CKA002018A1553 | 10/100 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> The labels are clamped under the labelling field.

<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>4)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Double SCHUKO® socket outlets <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br>Complete cover.<br>With screwless terminals.<br>DP (2 P + E)<br>Suitable for 1gang flush-mounted boxes.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| studio white  | <b>20-02 EUJR-84-503</b>  | 2CKA002014A1370 | 10       |


<sup>1)</sup> Separat installation only possible.

<sup>2)</sup> With 2 x 2 terminals per pole.

<sup>3)</sup> Increased shock protection .


<sup>4)</sup> Shutter for increased shock protection integrated at the socket.

<sup>5)</sup> Phase-out type

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Socket outlet <sup>1)</sup> shuttered</b><br>Without claws.<br>With screw-type terminals.<br>DP<br>Suitable for 1gang flush-mounted boxes.<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |    |
| anthracite   | <b>2300 UCRKS-81-503</b>  | 2CKA002113A5339 | 10 |
| studio white   | <b>2300 UCRKS-84-503</b>  | 2CKA002113A0511 | 10 |
| grey metallic <sup>2)</sup>  | <b>2300 UCRKS-803-503</b>   | 2CKA002113A5341 | 10 |
| studio white, matt <sup>2)</sup>   | <b>2300 UCRKS-884-503</b>   | 2CKA002113A5337 | 10 |
| black matt <sup>2)</sup>   | <b>2300 UCRKS-885-503</b>   | 2CKA002113A5340 | 10 |

<sup>1)</sup> Increased shock protection .


<sup>2)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>13 A Switched socket outlet</b><br>SP switched<br>1gang<br>Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.<br>Rated voltage: 250 V~<br>Rated current: 13 ABS 1363: part2 |                 |        |
| anthracite  | <b>2190 EUC-81</b>   | 2CKA002190A0216 | 10/100 |
| aluminium silver <sup>1)</sup>  | <b>2190 EUC-83</b>   | 2CKA002190A0214 | 10     |
| studio white  | <b>2190 EUC-84</b>   | 2CKA002190A0215 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>2190 EUC-803</b>  | 2CKA002190A0224 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>2190 EUC-884</b>  | 2CKA002190A0218 | 10     |
| black matt <sup>1)</sup>  | <b>2190 EUC-885</b>  | 2CKA002190A0219 | 10     |

<sup>1)</sup> Surface painted.

## Busch-axcent®

### Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>USB socket outlet earthing pin, 2gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> shuttered</b><br>For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Suitable for the countries: Belgium, Poland, Czech Republic.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: Earth pin socket<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |          |
| anthracite  | <b>20 MUCB2USB-81-500</b>   | 2CKA002011A6290 | 1        |
| aluminium silver <sup>4)</sup>  | <b>20 MUCB2USB-83-500</b>   | 2CKA002017A1890 | 1/10     |
| studio white  | <b>20 MUCB2USB-84-500</b>   | 2CKA002017A1891 | 1/10     |
| grey metallic <sup>4)</sup>   | <b>20 MUCB2USB-803-500</b>  | 2CKA002017A1892 | 1/10     |
| studio white matt <sup>4)</sup>   | <b>20 MUCB2USB-884-500</b>  | 2CKA002017A1893 | 1/10     |
| black matt <sup>4)</sup>  | <b>20 MUCB2USB-885-500</b>  | 2CKA002017A1894 | 1/10     |

<sup>1)</sup> Socket outlet with integrated child protection. Replaces the usual term "...with child protection".





<sup>2)</sup> No data transfer.

<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.


<sup>4)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Shaver socket outlet</b><br>For installation into FM 2gang wall box 3030 and 3031.<br>Rated voltage: 240 V, +10 % / -10 %<br>Output voltage: 115 V, +10 % / -10 %<br>Secondary: 240 V, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Rated power: 20 VA |                 |   |
| anthracite  | <b>2332 UJBS-81</b>   | 2CKA002130A0297 | 1 |
| aluminium silver <sup>1)</sup>  | <b>2332 UJBS-83</b>   | 2CKA002130A0291 | 1 |
| studio white  | <b>2332 UJBS-84</b>   | 2CKA002130A0292 | 1 |
| grey metallic <sup>1)</sup>   | <b>2332 UJBS-803</b>  | 2CKA002130A0296 | 1 |
| studio white, matt <sup>1)</sup>  | <b>2332 UJBS-884</b>  | 2CKA002130A0294 | 1 |
| black matt <sup>1)</sup>  | <b>2332 UJBS-885</b>  | 2CKA002130A0295 | 1 |

<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty            |
|---|--|-----------------|---------------------|
|    | <b>Flush-mounting wall box, 2gang</b><br>For shaver socket outlet 2332 UJBS-8xx.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm  |                 |                     |
|   | <b>3030</b>  | 2CKA001741A0067 | 4                   |
|    | <b>Flush-mounting cavity wall box, 2gang</b><br>For shaver socket outlet 2332 UJBS-8xx.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 142 mm x 75 mm x 45 mm                                 |                 |                     |
|   | <b>3031</b>  | 2CKA001741A0068 | 4                   |
|   | <b>2gang European/American socket outlet, 10A</b><br>2gang<br>With screw-type terminals.<br>SP switched<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>delivery on request               |                 |                     |
| anthracite  | <b>2192-02 UC-81-500</b>   |                 | delivery on request |
| studio white  | <b>2192-02 UC-84-500</b>   |                 |                     |
|  | <b>Socket outlet <sup>1)</sup> with earth pin</b><br>With screwless terminals.<br>Suitable for the countries: Belgium, Poland, Czech Republic.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |                     |
|   | <b>20 M-500</b>  | 2CKA002017A0854 | 10/100              |


<sup>1)</sup> Insert can be used for all covers 2399 UCKS-xx.


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Socket outlet cover frame shuttered</b><br>For socket outlet insert 20 M-500.<br>Rated voltage: 250 V~ |                 |        |
| anthracite  | <b>2399 UCKS-81</b>   | 2CKA002099A0216 | 10     |
| aluminium silver <sup>1)</sup>  | <b>2399 UCKS-83</b>   | 2CKA002099A0241 | 10/100 |
| studio white  | <b>2399 UCKS-84</b>   | 2CKA002099A0214 | 10     |
| grey metallic <sup>1)</sup>   | <b>2399 UCKS-803</b>  | 2CKA002099A0253 | 10     |
| studio white, matt <sup>1)</sup>  | <b>2399 UCKS-884</b>  | 2CKA002099A0255 | 10     |
| black matt <sup>1)</sup>  | <b>2399 UCKS-885</b>  | 2CKA002099A0256 | 10/100 |


<sup>1)</sup> Surface painted.

## Busch-axcent®

### Socket outlets


| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  | <b>Chinese socket outlet, 10 A</b>  |           |          |
|   | 1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Rated current: 10 A<br>delivery on request |           |          |
| anthracite  | <b>2193 EUC/10-81-500</b>   |           |          |
|   | delivery on request   |           |          |
| studio white  | <b>2193 EUC/10-84-500</b>   |           |          |

|   |  |  |  |
|---|--|--|--|
|  | <b>Chinese socket outlet, 16 A</b>   |  |  |
|   | 1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request |  |  |
| anthracite  | <b>2193 EUC/16-81-500</b>  |  |  |
|   | delivery on request  |  |  |
| studio white  | <b>2193 EUC/16-84-500</b>  |  |  |

|   |  |  |  |
|---|--|--|--|
|  | <b>Chinese and Euro American socket outlet, 10 A</b>   |  |  |
|   | 1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>delivery on request |  |  |
| anthracite  | <b>2195 EUC/10-81-500</b>  |  |  |
|   | delivery on request  |  |  |
| studio white  | <b>2195 EUC/10-84-500</b>  |  |  |


|   |  |  |  |
|---|--|--|--|
|  | <b>International socket outlet 13A <sup>1)</sup></b>   |  |  |
|   | 1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 13 A<br>delivery on request |  |  |
| anthracite  | <b>2197 EUC-81-500</b>   |  |  |
|   | delivery on request  |  |  |
| studio white  | <b>2197 EUC-84-500</b>   |  |  |

<sup>1)</sup> Usage may be restricted in certain countries.

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|  | <b>Euro American socket outlet with earth, 16 A</b>  |           |          |
|   | 1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request |           |          |
| anthracite  | <b>2196 EUC-81-500</b>   |           |          |
|   | delivery on request  |           |          |
| studio white  | <b>2196 EUC-84-500</b>   |           |          |


# Busch-axcent®


## Data communication

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>WLAN access point, flush-mounted <sup>1)</sup> <sup>2)</sup> power supply from mains power</b><br/>           Operation as WLAN access point for the connection of WLAN terminal devices to the LAN.<br/>           Operation as WLAN repeater for extending the transmission range of a WLAN.<br/>           Operation as WLAN adapter for integrating Ethernet terminal devices into a WLAN.<br/>           Supports WLAN standards IEEE 802.11b/g/n with 2.4 GHz; integrated WLAN antenna.<br/>           Backward connection of an Ethernet cable via screw terminals (10/100 Mbit/s).<br/>           Front-side Ethernet connection via a RJ45 socket (10/100 Mbit/s).<br/>           The three connections (WLAN, Ethernet/screw terminals and Ethernet/RJ45) can be used in parallel via the integrated switch.<br/>           Power supply via 2-pole connecting terminal.<br/>           Nominal voltage: 100 - 240 V~<br/>           For mounting in commercially available deep flush-mounted and hollow-wall boxes.<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Dimensions: (L x W x D): 80 mm</p> <p><b>8186/31-101-500</b>      2CKA008100A0359      1</p> |             |           |          |


<sup>1)</sup> Suitable for cover plate 1803-xxx.

<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.


|  |  |  |  |
|--|--|--|--|
|  <p><b>Reset magnet</b><br/>           For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.<br/>           Protection class (Device): IP 20</p> <p><b>8186/11-500</b>      2CKA008100A0361      1</p> |  |  |  |
|--|--|--|--|

|   |  |  |  |
|---|--|--|--|
|  <p><b>Universal data connection unit, cat. 3 <sup>1)</sup> 1gang</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0213-500</b>      2CKA000230A1549      10/100</p> |  |  |  |
|---|--|--|--|


<sup>1)</sup> Suitable for cover plate 1803-xxx.

|   |   |  |  |
|---|---|--|--|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2gang internally parallel connected</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0214</b>      2CKA000230A0235      10/100</p> |   |  |  |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |  |  |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |  |  |
| <b>neon indicator:</b>  | not applicable  |  |  |

<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2 x outlets, 8/8-pole</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0215</b>      2CKA000230A0243      10</p> |   |           |          |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |           |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |           |          |
| <b>neon indicator:</b>  | not applicable  |           |          |





<sup>1)</sup> Suitable for cover plate 1803-02-xxx.



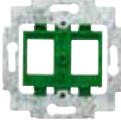

|   |  |  |  |
|---|--|--|--|
|  <p><b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>           With down-leading outlet and LSA self-cutting clamps.<br/>           RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>           Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>           Terminal marking A and B according to TIA/EIA-568-B.2.<br/>           Typ according to EN 60 603-7-51:2011-01.<br/>           Shielding according to DIN EN 55022, Class B.<br/>           Up to 500 MHz on all pairs of wires.<br/>           Suitable for 10-Gigabit Ethernet.<br/>           Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>           Flex cable entries from all sides without buckles.<br/>           Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>           Re-embedded proofed.<br/>           Suitable for Mix-and-Match operation.<br/>           Suitable for RJ 11, RJ 12 und RJ 45.<br/>           For data cables with a diameter of 6 -10 mm.<br/>           For wires of AWG 24-22.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without claws.<br/>           Mounting depth: 31 mm.<br/>           Protection class (Device): IP 20</p> <p><b>0218/11-101</b>      2CKA000230A0409      1/10</p> |  |  |  |
|---|--|--|--|

<sup>1)</sup> Suitable for cover plate 1803-xxx.

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### Data communication






| Product  | Article-No.              | Order-No.       | Pack/Qty |
|--|--------------------------|-----------------|----------|
|  <p><b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup></b><br/> <b>2 x outlets, 8/8-pole</b><br/>           With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06. Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B. Up to 500 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet. Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability. Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. Suitable for RJ 11, RJ 12 und RJ 45. For data cables with a diameter of 6 -10 mm. For trunk systems, flush-mounted wall boxes and underfloor systems. For wires of AWG 24-22. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20</p> | <b>0218/12-101</b>       | 2CKA000230A0411 | 1/10     |
| <sup>1)</sup> Suitable for cover plate 1803-02-xxx.  |                          |                 |          |
|  <p><b>Universal data connection box 8(6)/ telephone unit 6F+N - connection box <sup>1)</sup></b><br/> <b>2 x 6-pole</b><br/>           with straight outlet, with screw contacts, Universal data-connection boxes: RJ 11/12, ISDN capable Cat. 3 in acc. with IEC 603-7/German Standard DIN EN 60603-7, Telecommunication outlet (telephone unit ): for 1 telephone, 1 auxiliary device or 1 data transmission unit, With claw. Protection class (Device): IP 20</p>   | <b>UAE 8(6)TAE 6 F+N</b> | 2CKA000230A0381 | 10/100   |
| white<br><sup>1)</sup> Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.  |                          |                 |          |
|  <p><b>Satellite co-axial outlets 2 connectors/dead-end feeder</b><br/>           Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20</p>   | <b>0230-101</b>          | 2CKA000230A0250 | 10/100   |
|  <p><b>Antenna socket insert Radio/TV 2 connectors/loop through type</b><br/>           Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20</p>   | <b>0231-101</b>          | 2CKA000230A0268 | 10/100   |





| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder</b><br/>           Broadband technology 47-2.150 MHz. SAT connection designed as screwable F-male plug. with remote feed via F-bush For DVB-T and broadband-cable-systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20</p>   | <b>0232-101-500</b> | 2CKA000230A0463 | 10/100   |
|  <p><b>Terminating resistor 75 Ohm</b><br/>           Protection class (Device): IP 20</p>  | <b>0239</b>         | 2CKA000230A0201 | 10/100   |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with green insert</b><br/>           For 2 modular jack inserts. For systems: CommScope (AVAYA / AT&amp;T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx. With R&amp;M adapter R310694 suitable for R&amp;M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws. Protection class (Device): IP 20</p>  | <b>1810-500</b>     | 2CKA001753A9974 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br><sup>2)</sup> For further information, please refer on the Internet.  |                     |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with red insert</b><br/>           For 2 modular jack inserts. Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas &amp; Betts For Telegärtner AMJ/UMJ connection modules/ couplings. For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk. Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws. Protection class (Device): IP 20</p> | <b>1812-500</b>     | 2CKA001753A9972 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br><sup>2)</sup> For further information, please refer on the Internet.  |                     |                 |          |



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## Data communication


| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with black insert</b><br/>           For MTRJ or 2 modular jack inserts.<br/>           For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.<br/>           For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.<br/>           Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | <b>1814-500</b> | 2CKA001753A9973 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/> <sup>2)</sup> For further information, please refer on the Internet.</p>   |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with blue insert</b><br/>           For 2 modular jack inserts.<br/>           For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III.<br/>           Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p>   | <b>1816</b>     | 2CKA001710A3100 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/> <sup>2)</sup> For further information, please refer on the Internet.</p>   |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with orange base</b><br/>           For 2 modular jack inserts.<br/>           For system: LexCom 150 and LexCom 250.<br/>           Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p>  | <b>1819</b>     | 2CKA001753A8056 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/> <sup>2)</sup> For further information, please refer on the Internet.</p>   |                 |                 |          |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with grey base</b><br/>           For 2 modular jack inserts.<br/>           For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.<br/>           Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p>   | <b>1820</b>     | 2CKA001753A8057 | 10/100   |
| <p><sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.<br/> <sup>2)</sup> For further information, please refer on the Internet.</p>   |                 |                 |          |
|  <p><b>Flush-mounted assembly adapter</b><br/>           For the accommodation of one or two universal modules 0219.<br/>           For flush-mounted installation.<br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           Protection class (Device): IP 20</p>   | <b>0219/12</b>  | 2CKA000230A0395 | 1/10     |


| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Channel assembly adapter</b><br/>           For the accommodation of one or two universal modules 0219.<br/>           For channel and under-floor installation.<br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           Protection class (Device): IP 20</p>  | <b>0219/13</b>  | 2CKA000230A0396 | 1/10     |
|  <p><b>Universal module, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>           For installation in installation adapter 0219/12 or 0219/13.<br/>           Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB.<br/>           RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>           Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>           Cat. 6A according to ISO/IEC 11801: 2011-06.<br/>           Terminal marking A and B according to TIA/EIA-568-B.2.<br/>           Typ according to EN 60 603-7-51:2011-01.<br/>           Shielding according to DIN EN 55022, Class B.<br/>           Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>           Bend-radius optimised cable feed (30°).<br/>           Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>           Re-embedded proofed.<br/>           Suitable for Mix-and-Match operation.<br/>           For 8-pole plug RJ 45 only.<br/>           Housing made from diecast zinc.<br/>           With integrated dust-protection cap (can be removed if necessary).<br/>           With insulation displacement connection<br/>           For data cables with a diameter of 6 -10 mm.<br/>           For wires of AWG 24-22.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Protection class (Device): IP 20</p> | <b>0219-101</b> | 2CKA000230A0413 | 1/10     |
| <p><sup>1)</sup> With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.</p>  |                 |                 |          |
|  <p><b>Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)</b><br/>           For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>           For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>           Protection class (Device): IP 20</p>   | <b>0210</b>     | 2CKA000225A0078 | 10       |
|  <p><b>Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)</b><br/>           For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>           For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>           Protection class (Device): IP 20</p>   | <b>0211</b>     | 2CKA000225A0086 | 10       |

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| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Built-in jack</b><br/>For potential balancing jack cover plate and installation in cover plates.<br/>For devices of 19 mm diameter.<br/>Protection class (Device): IP 20</p> | <b>0471-0-0037</b> | 2CKA000471A0037 | 10       |

|   |                    |                 |    |
|---|--------------------|-----------------|----|
|  <p><b>Potential balancing plug</b><br/>Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.<br/>For potential balancing jack cover plate (connection up to 6 mm<sup>2</sup> crimped or soldered)<br/>Protection class (Device): IP 20</p> | <b>0299-0-0032</b> | 2CKA000299A0032 | 10 |
|---|--------------------|-----------------|----|


|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Blank plate with metal mounting plate</b><br/>Protection class (Device): IP 20</p> | <b>1742-81</b>  | 2CKA001710A3612 | 10 |
|   | <b>1742-83</b>  | 2CKA001710A3664 | 10 |
| <b>1742-84-500</b>  | 2CKA001710A3991 | 10/100          |    |
| <b>1742-803</b>   | 2CKA001710A3843 | 10              |    |
| <b>1742-884</b>   | 2CKA001710A3873 | 10/100          |    |
| <b>1742-885</b>   | 2CKA001710A3895 | 10              |    |

<sup>1)</sup> Surface painted.

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Cover plate <sup>1)</sup></b><br/>As cover for flex outlet, for cords up to 10.3 mm diameter.<br/>With strain relief (without terminal block).<br/>Protection class (Device): IP 20</p> | <b>1749-81</b>  | 2CKA001710A3614 | 10 |
|   | <b>1749-83</b>  | 2CKA001710A3665 | 10 |
| <b>1749-84</b>  | 2CKA001710A3163 | 10/100          |    |
| <b>1749-803</b>   | 2CKA001710A3844 | 10              |    |
| <b>1749-884</b>   | 2CKA001710A3878 | 10              |    |
| <b>1749-885</b>   | 2CKA001710A3900 | 10              |    |


<sup>1)</sup> Cover plate can also be used individually as cover for telephone connector boxes (VDo).

<sup>2)</sup> Surface painted.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Cover plate <sup>1)</sup></b><br/>As cover for universal data connection boxes.<br/>Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br/>For WLAN access points 8186/31 and 8186/41.<br/>Brand-Rex (WAEGV 8 EKR/EK).<br/>BTR (universal data connecting unit design and IAE design).<br/>Telegärtner (AMJ 45, UMJ 45).<br/>With down-leading outlet.<br/>With labelling field.<br/>Size of labelling field: 60 x 9 mm.<br/>Protection class (Device): IP 20</p> | <b>1803-81</b>  | 2CKA001710A3616 | 10       |
|  | <b>1803-83</b>  | 2CKA001710A3674 | 10       |
| <b>1803-84-500</b>   | 2CKA001710A1550 | 10/100          |          |
| <b>1803-803</b>  | 2CKA001710A3852 | 10              |          |
| <b>1803-884</b>  | 2CKA001710A3889 | 10              |          |
| <b>1803-885</b>  | 2CKA001710A3912 | 10              |          |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Surface painted.


|  |                   |                 |        |
|--|-------------------|-----------------|--------|
|  <p><b>Cover plate <sup>1)</sup></b><br/><b>2gang</b><br/>As cover for universal data connection boxes.<br/>Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br/>Brand-Rex (WAEGV 8/8 EKR/EK).<br/>AMP (NETCONNECT 5E).<br/>BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).<br/>cti (cti-wire 2.8 Cat.6).<br/>Telegärtner (AMJ 45, UMJ 45).<br/>With down-leading outlet.<br/>With labelling field.<br/>Size of labelling field: 60 x 9 mm.<br/>Protection class (Device): IP 20</p> | <b>1803-02-81</b> | 2CKA001710A3615 | 10     |
|  | <b>1803-02-83</b> | 2CKA001710A3610 | 10/100 |
| <b>1803-02-84-500</b>  | 2CKA001710A1551   | 10/100          |        |
| <b>1803-02-803</b>   | 2CKA001710A3853   | 10              |        |
| <b>1803-02-884</b>   | 2CKA001710A3888   | 10              |        |
| <b>1803-02-885</b>   | 2CKA001710A3911   | 10              |        |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>2)</sup> Surface painted.

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| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6472 U-500-101.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1766-81</b>  | 2CKA001710A3613 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1766-83</b>  | 2CKA001710A3659 | 10/100   |
| studio white  | <b>1766-84-500</b>  | 2CKA001710A3992 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1766-803</b>   | 2CKA001710A3854 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1766-884</b>   | 2CKA001710A3926 | 10       |
| black matt <sup>1)</sup>  | <b>1766-885</b>   | 2CKA001710A3903 | 10       |

<sup>1)</sup> Surface painted.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate</b><br>As cover for telephone connector boxes (VDo).<br>Can be knocked out for single or double connection.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1745-81</b>   | 2CKA001710A3624 | 10 |
| studio white  | <b>1745-84</b>   | 2CKA001710A3173 | 10 |
| grey metallic <sup>1)</sup>   | <b>1745-803</b>  | 2CKA001710A3855 | 10 |
| black matt <sup>1)</sup>  | <b>1745-885</b>  | 2CKA001710A3896 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1745-83</b>   | 2CKA001710A3675 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1745-884</b>  | 2CKA001710A3874 | 10 |

<sup>1)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup> socket outlet</b><br>Telephone socket (TDO) |                 |        |
| anthracite  | <b>1762-81-506</b>   | 2CKA001710A4103 | 10/100 |
| aluminium silver <sup>2)</sup>  | <b>1762-83-506</b>   | 2CKA001710A4105 | 10/100 |
| studio white  | <b>1762-84-506</b>   | 2CKA001710A4106 | 10/100 |
| grey metallic <sup>2)</sup>   | <b>1762-803-506</b>  | 2CKA001710A4102 | 10/100 |
| studio white, matt <sup>2)</sup>  | <b>1762-884-506</b>  | 2CKA001710A4108 | 10/100 |
| black matt <sup>2)</sup>  | <b>1762-885-506</b>  | 2CKA001710A4109 | 10/100 |

<sup>1)</sup> Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).


<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1) 2)</sup> as cover for standard Radio/TV/SAT socket outlets</b><br>With 2 connectors<br>Acc. to German Standard DIN 45330.<br>Radio/TV/SAT.<br>With M3 fixing screw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1743-81</b>   | 2CKA001724A4252 | 10       |
| aluminium silver <sup>3)</sup>  | <b>1743-83</b>   | 2CKA001724A4262 | 10       |
| studio white  | <b>1743-84-500</b>   | 2CKA001724A4332 | 10/100   |
| grey metallic <sup>3)</sup>   | <b>1743-803</b>  | 2CKA001724A4291 | 10       |
| studio white, matt <sup>3)</sup>  | <b>1743-884</b>  | 2CKA001724A4293 | 10/100   |
| black matt <sup>3)</sup>  | <b>1743-885</b>  | 2CKA001724A4298 | 10/100   |


<sup>1)</sup> Third opening can be knocked out.

<sup>2)</sup> See inserts for satellite coaxial socket outlets.

<sup>3)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate</b><br>As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>1743-04-81</b>  | 2CKA001724A4374 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1743-04-83</b>  | 2CKA001724A4376 | 10 |
| studio white   | <b>1743-04-84</b>  | 2CKA001724A4377 | 10 |
| grey metallic <sup>1)</sup>  | <b>1743-04-803</b>   | 2CKA001724A4373 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1743-04-884</b>   | 2CKA001724A4379 | 10 |
| black matt <sup>1)</sup>   | <b>1743-04-885</b>   | 2CKA001724A4380 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate</b><br>As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1743/10-04-81</b>   | 2CKA001724A4365 | 10     |
| aluminium silver <sup>1)</sup>  | <b>1743/10-04-83</b>   | 2CKA001724A4367 | 10     |
| studio white  | <b>1743/10-04-84</b>   | 2CKA001724A4368 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1743/10-04-803</b>  | 2CKA001724A4364 | 10     |
| studio white, matt <sup>1)</sup>  | <b>1743/10-04-884</b>  | 2CKA001724A4370 | 10     |
| black matt <sup>1)</sup>  | <b>1743/10-04-885</b>  | 2CKA001724A4371 | 10     |

<sup>1)</sup> Surface painted.


## Busch-axcent®

### Data communication


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> with labelling field</b><br>For modular jack with slide entrance.<br>To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820.<br>Size of labelling field: 60 x 9 mm.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1800-81</b>   | 2CKA001710A3627 | 10       |
| aluminium silver <sup>2)</sup>  | <b>1800-83</b>   | 2CKA001710A3676 | 10       |
| studio white  | <b>1800-84-500</b>   | 2CKA001710A3990 | 10/100   |
| grey metallic <sup>2)</sup>   | <b>1800-803</b>  | 2CKA001710A3856 | 10       |
| studio white, matt <sup>2)</sup>  | <b>1800-884</b>  | 2CKA001710A3887 | 10       |
| black matt <sup>2)</sup>  | <b>1800-885</b>  | 2CKA001710A3910 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>2)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate</b><br>For 1 modular jack.<br>Suitable for Art. Nos. 0210, 0211 and 0219-101.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>2561-81</b>   | 2CKA001753A0400 | 10 |
| aluminium silver <sup>1)</sup>   | <b>2561-83</b>   | 2CKA001753A0402 | 10 |
| studio white   | <b>2561-84</b>   | 2CKA001753A0403 | 10 |
| grey metallic <sup>1)</sup>  | <b>2561-803</b>  | 2CKA001753A0399 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2561-884</b>  | 2CKA001753A0405 | 10 |
| black matt <sup>1)</sup>   | <b>2561-885</b>  | 2CKA001753A0406 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate</b><br>For 2 modular jack inserts.<br>Suitable for Art. No. 0210 and 0211.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2561-02-81</b>   | 2CKA001753A0317 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2561-02-83</b>   | 2CKA001753A0393 | 10 |
| studio white  | <b>2561-02-84</b>   | 2CKA001753A0394 | 10 |
| grey metallic <sup>1)</sup>   | <b>2561-02-803</b>  | 2CKA001753A0316 | 10 |
| black matt <sup>1)</sup>  | <b>2561-02-885</b>  | 2CKA001753A0397 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2561-02-884</b>  | 2CKA001753A0396 | 10 |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1746/10-81</b>  | 2CKA001710A3628 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1746/10-83</b>  | 2CKA001710A3677 | 10       |
| studio white  | <b>1746/10-84-500</b>  | 2CKA001710A3993 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1746/10-803</b>   | 2CKA001710A3857 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1746/10-884</b>   | 2CKA001710A3875 | 10       |
| black matt <sup>1)</sup>  | <b>1746/10-885</b>   | 2CKA001710A3897 | 10       |


<sup>1)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Intermediate ring Reflex SI/SI Linear</b><br>For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range.<br>Protection class (Device): IP 20 |                 |    |
| studio white   | <b>1747 SI-84</b>  | 2CKA001710A3863 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1747 SI-83</b>  | 2CKA001710A4091 | 10 |

<sup>1)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Intermediate ring Busch-balance® SI</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1747 BSI-81</b>  | 2CKA001710A4093 | 10     |
| aluminium silver <sup>1)</sup>  | <b>1747 BSI-83</b>  | 2CKA001710A4095 | 10     |
| studio white  | <b>1747 BSI-84</b>  | 2CKA001710A4096 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1747 BSI-803</b>   | 2CKA001710A4092 | 10     |
| studio white, matt <sup>1)</sup>  | <b>1747 BSI-884</b>   | 2CKA001710A4098 | 10     |
| black matt <sup>1)</sup>  | <b>1747 BSI-885</b>   | 2CKA001710A4099 | 10     |

<sup>1)</sup> Surface painted.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup> with hinged lid.</b><br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1746-81</b>  | 2CKA001710A3618 | 10 |
| aluminium silver <sup>2)</sup>  | <b>1746-83</b>  | 2CKA001710A3678 | 10 |
| studio white  | <b>1746-84</b>  | 2CKA001710A3167 | 10 |
| grey metallic <sup>2)</sup>   | <b>1746-803</b>   | 2CKA001710A3858 | 10 |
| studio white, matt <sup>2)</sup>  | <b>1746-884</b>   | 2CKA001710A3876 | 10 |
| black matt <sup>2)</sup>  | <b>1746-885</b>   | 2CKA001710A3898 | 10 |

<sup>1)</sup> Combinable only with covers for flush-mounted inserts

<sup>2)</sup> Surface painted.


## Busch-axcent®

### Data communication


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Intermediate ring with hinged lid <sup>1)</sup><br/>Busch-balance® SI</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>With sealing ring.<br>With hinged lid.<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 63 mm x 63 mm x 20 mm |                 |          |
| anthracite  | <b>2518-WD-81</b>   | 2CKA001719A0217 | 10       |
| aluminium silver <sup>2)</sup>  | <b>2518-WD-83</b>   | 2CKA001719A0219 | 10       |
| studio white  | <b>2518-WD-84</b>   | 2CKA001719A0220 | 10       |
| grey metallic <sup>2)</sup>   | <b>2518-WD-803</b>  | 2CKA001719A0216 | 10       |
| studio white, matt <sup>2)</sup>  | <b>2518-WD-884</b>  | 2CKA001719A0222 | 10       |
| black matt <sup>2)</sup>  | <b>2518-WD-885</b>  | 2CKA001719A0223 | 10       |

<sup>1)</sup> Combinable only with covers for flush-mounted inserts

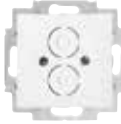
<sup>2)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>XLR centre plate</b><br>As cover for Neutrik plug connectors, type D series.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2553-81</b>  | 2CKA001724A4399 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2553-83</b>  | 2CKA001724A4401 | 10 |
| studio white  | <b>2553-84</b>  | 2CKA001724A4402 | 10 |
| grey metallic <sup>1)</sup>   | <b>2553-803</b>   | 2CKA001724A4398 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2553-884</b>   | 2CKA001724A4404 | 10 |
| black matt <sup>1)</sup>  | <b>2553-885</b>   | 2CKA001724A4405 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate with metal mounting plate</b><br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Knock-out openings 6, 8, 18 mm.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1748-81</b>  | 2CKA001710A3654 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1748-83</b>  | 2CKA001710A3673 | 10 |
| studio white  | <b>1748-84</b>  | 2CKA001710A3656 | 10 |
| grey metallic <sup>1)</sup>   | <b>1748-803</b>   | 2CKA001710A3851 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1748-884</b>   | 2CKA001710A3877 | 10 |
| black matt <sup>1)</sup>  | <b>1748-885</b>   | 2CKA001710A3899 | 10 |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate with metal mounting plate</b><br>As cover for BNC and TNC sockets.<br>Knock-out openings 6, 8, 18 mm.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1750-81</b>   | 2CKA001710A3617 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1750-83</b>   | 2CKA001710A3679 | 10       |
| studio white  | <b>1750-84</b>   | 2CKA001710A3166 | 10       |
| grey metallic <sup>1)</sup>   | <b>1750-803</b>  | 2CKA001710A3859 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1750-884</b>  | 2CKA001710A3879 | 10       |
| black matt <sup>1)</sup>  | <b>1750-885</b>  | 2CKA001710A3901 | 10       |

<sup>1)</sup> Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Equipotential socket outlet 2gang</b><br>Without claws.<br>For connecting wires up to 1 x 6 mm <sup>2</sup> and 4 x 2.5 mm <sup>2</sup> .<br>IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007<br>Connection bolts German Standard DIN 42801.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>2095 UC-81</b>   | 2CKA002495A0084 | 10 |
| aluminium silver <sup>1)</sup>   | <b>2095 UC-83</b>   | 2CKA002495A0089 | 10 |
| studio white   | <b>2095 UC-84</b>   | 2CKA002495A0086 | 10 |
| grey metallic <sup>1)</sup>  | <b>2095 UC-803</b>  | 2CKA002495A0097 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2095 UC-884</b>  | 2CKA002495A0091 | 10 |
| black matt <sup>1)</sup>   | <b>2095 UC-885</b>  | 2CKA002495A0092 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate with metal mounting plate</b><br>With screw-type terminal.<br>Fixed with central locknut.<br>As cover for pilot devices with a diameter of 22.5 mm<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2533-81</b>  | 2CKA001724A4254 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2533-83</b>  | 2CKA001724A4261 | 10 |
| studio white  | <b>2533-84</b>  | 2CKA001724A4256 | 10 |
| grey metallic <sup>1)</sup>   | <b>2533-803</b>   | 2CKA001724A4407 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2533-884</b>   | 2CKA001724A4296 | 10 |
| black matt <sup>1)</sup>  | <b>2533-885</b>   | 2CKA001724A4301 | 10 |

<sup>1)</sup> Surface painted.

## Busch-axcent®


### Data communication

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> with metal mounting plate</b> for communication devices.<br>With labelling field 60.2 x 10.2 mm.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1758-81</b>  | 2CKA001724A4253 | 10       |
| aluminium<br>silver <sup>2)</sup>   | <b>1758-83</b>  | 2CKA001724A4263 | 10       |
| studio white  | <b>1758-84</b>  | 2CKA001724A2761 | 10/100   |
| grey metallic <sup>2)</sup>   | <b>1758-803</b>   | 2CKA001724A4292 | 10       |
| studio white,<br>matt <sup>2)</sup>   | <b>1758-884</b>   | 2CKA001710A3881 | 1        |
| black matt <sup>2)</sup>  | <b>1758-885</b>   | 2CKA001724A4299 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Surface painted.



### Multimedia / communication adapters

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Radio DAB+ <sup>1)</sup></b><br>DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br>With high-resolution colour display for showing additional information.<br>Reception frequency: 87.50 MHz - 108.00 MHz.<br>Receive frequency (DAB+): 174 MHz - 240 MHz.<br>With external AUX input/output, reversible.<br>For mono/stereo operation.<br>8 radio stations storable.<br>With time and date display.<br>With individual alarm and snooze function.<br>With automatic switch-off function (automatic sleep mode).<br>With extension input to remote-controlled ON/OFF switches.<br>With integrated antenna.<br>With additional connection for external antenna.<br>Permitted speaker impedance: 4 - 8 Ohm<br>Can be installed as 1gang and in multiple combinations.<br>Control element: 4-button operation via floating rocker<br>Display elements: ICU graphic display with 280 DPI.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Control/Signal outputs: 2, Loudspeaker output, impedance 4 Ohm<br>Rated power: 2 W (RMS)<br><br>Protection class (Device): IP 20<br>Temperature range (Device): 5 °C to 40 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br>Mounting depth: 32 mm |                 |          |
|   | <b>8215 U-101-500</b>  | 2CKA008200A0276 | 1/10     |



<sup>1)</sup> No claw. Screw-fixing via keyholes.

## Busch-axcent®

### Multimedia / communication adapters

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio BTconnect DAB+ 1)</b><br/> <b>With Bluetooth interface for music replay.</b><br/>           DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br/>           With high-resolution colour display for showing additional information.<br/>           With Bluetooth interface for music replay of mobile devices.<br/>           Connection of external Bluetooth loudspeakers possible.<br/>           Reception frequency: 87.50 MHz - 108.00 MHz.<br/>           Receive frequency (DAB+): 174 MHz – 240 MHz.<br/>           With external AUX input/output, reversible.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With individual alarm and snooze function.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated antenna.<br/>           With additional connection for external antenna.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Bluetooth specification: 4.2.<br/>           Bluetooth profiles supported: A2DP<br/>           Number of stored Bluetooth connections: max. 8<br/>           Control element: 4-button operation via floating rocker<br/>           Display elements: ICU graphic display with 280 DPI.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 2 W (RMS)</p> <p>Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/>           Mounting depth: 32 mm</p>  | <b>8217 U-101-500</b> | 2CKA008200A0279 | 1/10     |

<sup>1)</sup>No claw. Screw-fixing via keyholes.

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Busch-Radio iNet 1) 2) 3) 4)</b><br/>           WLAN Internet radio alarm clock for flush-mounted installation.<br/>           For the reception of national and international radio stations via Internet.<br/>           Radio station search possible via various genres.<br/>           With high resolution graphic display and background illumination.<br/>           With external AUX input.<br/>           Integrated web-server for configuration and control.<br/>           Remote operation with smartphone via browser surface.<br/>           UPnP replay function. It is controlled via smartphone.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With alarm function.<br/>           With short-time timer.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated WLAN antenna.<br/>           WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).<br/>           WLAN safety: WPA / WPA2.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm<br/>           Mounting depth: 33 mm</p>  | <b>8216 U-500</b> | 2CKA008200A0153 | 1/10     |

<sup>1)</sup>No claw. Screw-fixing via keyholes.


<sup>2)</sup>Matching loudspeaker insert 8223 U.

<sup>3)</sup>Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).


<sup>4)</sup>To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.


## Busch-axcent®

### Multimedia / communication adapters

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Loudspeaker insert <sup>1)</sup></b><br/> <b>5 cm (2")</b><br/>           With flat plug connector.<br/>           With broadband characteristics.<br/>           Rated output: 2 W (RMS)<br/>           Incl. speaker connection cable.<br/>           Frequency response: 200 - 20,000 Hz<br/>           Impedance: 4 Ohm<br/>           Protection class (Device): IP 20, SELV<br/>           Mounting depth: 32 mm</p> | <b>8223 U-500</b> | 2CKA008200A0183 | 1/10     |

<sup>1)</sup>No claw. Screw-fixing via keyholes.

|  |               |                 |      |
|--|---------------|-----------------|------|
|  <p><b>Flush Mounted Inserts Flush-mounted installation boxes and inserts</b><br/>           Multi media connector ins.</p> | <b>8231 U</b> | 2CKA008200A0223 | 1/10 |
|--|---------------|-----------------|------|

|   |                   |                 |      |
|---|-------------------|-----------------|------|
|  <p><b>Busch-powerDock Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>           For charging and supplying mobile terminal devices.<br/>           With quick charging function for devices compatible with quick-charge™.<br/>           Makes possible fast charging of the mobile terminal device.<br/>           Rated voltage: 100 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Suitable for: Apple terminal device<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with USB-C connection<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge™ function.<br/>           Rated current: 2 A<br/>           Output voltage: 9 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm<br/>           Mounting depth: 32 mm</p> | <b>6473 U-500</b> | 2CKA006400A0039 | 1/10 |
|---|-------------------|-----------------|------|

<sup>1)</sup>No claw. Screw-fixing via keyholes.


<sup>2)</sup>The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.


<sup>3)</sup>In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

<sup>4)</sup>In these cases the quick-charging function of the terminal device is not enabled.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Busch-powerDock Charging cradle with Apple lightning connection <sup>1)</sup></b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with lightning connection.<br/>           For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.<br/>           For iPhone 8 Plus, iPhone 8.<br/>           For iPhone 7 Plus, iPhone 7.<br/>           For iPhone SE.<br/>           For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.<br/>           For iPhone 5s, iPhone 5c, iPhone 5.<br/>           For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).<br/>           Suitable for use with protective covers certified by Apple.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473-500</b> | 2CKA006400A0081 | 1/10     |

<sup>1)</sup>Not released for use with the iPad.

|   |                    |                 |      |
|---|--------------------|-----------------|------|
|  <p><b>Busch-powerDock Charging cradle with USB-C connection</b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with USB-C connection.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473/11-500</b> | 2CKA006400A0083 | 1/10 |
|---|--------------------|-----------------|------|

|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>With USB-A &amp; USB-C interface</b><br/>           For supply and support of mobile devices via USB-cable.<br/>           With USB type A and USB type C female connector.<br/>           To support two devices at the same time.<br/>           Supports automatic negotiating of optimum charging parameters for the shortest charging times.<br/>           Support of loading protocol on the USB-A connection: Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>           Support of the additional quick-charge protocols: USB-PD and quick-charge 3.0 &amp; 4.0.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Rated voltage: 220 - 230 V AC<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 2x USB charging interface<br/>           Suitable for: Only USB-A bus occupied:<br/>           Rated current: 3000 mA<br/>           Output voltage: 5 V-<br/>           Suitable for: Only USB-C bus occupied:<br/>           Rated power: 18 W</p> <p>Suitable for: USB-A and USB-C bus occupied. Total:<br/>           Rated current: 3250 mA<br/>           Output voltage: 5 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 0 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm<br/>           Mounting depth: 32 mm</p> | <b>6475 U-500</b> | 2CKA006400A0399 | 1 |
|--|-------------------|-----------------|---|

<sup>1)</sup>No claw. Screw-fixing via keyholes.

<sup>2)</sup>No data transfer.

<sup>3)</sup>When cleaning the device, use dust cover 2098 for the USB-A connection.



## Busch-axcent®

### Multimedia / communication adapters

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



**HDMI connection unit <sup>1)</sup>**  
**with screw-type terminals and strain relief**  
 Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.  
 To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.  
 HDMI-type A, 3D-compatible.  
 Fully HD ready (1920 x 1080 pixel).  
 For 20-wire HDMI-cables via screw-type terminals.  
 For trunk systems, flush-mounted wall boxes and underfloor systems.  
 For easy mounting and adhering to the admissible bending radii, the Kaiser >Electronic socket<, article number 1068-02 or 9062-74, is recommended.  
 Without cover plate.  
 Without claws.  
 Protection class (Device): IP 20  
 Mounting depth: 34 mm

|              |                    |                 |   |
|--------------|--------------------|-----------------|---|
| white        | <b>0261/31-500</b> | 2CKA000230A0430 | 1 |
| grey         | <b>0261/33-500</b> | 2CKA000230A0432 | 1 |
| alpine white | <b>0261/32-500</b> | 2CKA000230A0431 | 1 |

<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.

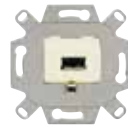


**VGA connection unit <sup>1)</sup>**  
**with screw-type terminals and strain relief**  
 Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.  
 To link analogue video data between PCs and laptops to monitors or digital projectors etc.  
 VGA-type: D-type, 15-pole.  
 Fully HD ready (1920 x 1080 pixel).  
 For 15-wire VGA-cables via screw-type terminals.  
 For trunk systems, flush-mounted wall boxes and underfloor systems.  
 For easy mounting and adhering to the admissible bending radii, the Kaiser >Electronic socket<, article number 1068-02 or 9062-74, is recommended.  
 Without cover plate.  
 Without claws.  
 Protection class (Device): IP 20  
 Mounting depth: 34 mm

|              |                    |                 |   |
|--------------|--------------------|-----------------|---|
| white        | <b>0261/21-500</b> | 2CKA000230A0424 | 1 |
| grey         | <b>0261/23-500</b> | 2CKA000230A0426 | 1 |
| alpine white | <b>0261/22-500</b> | 2CKA000230A0425 | 1 |

<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

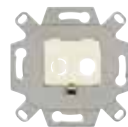
| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



**USB connection unit <sup>1)</sup>**  
**with screw-type terminals and strain relief**  
 Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.  
 To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc.  
 USB-type A, USB 2.0 compatible.  
 For 5-wire USB- cables via screw-type terminals.  
 For trunk systems, flush-mounted wall boxes and underfloor systems.  
 For easy mounting and adhering to the admissible bending radii, the Kaiser >Electronic socket<, article number 1068-02 or 9062-74, is recommended.  
 Without cover plate.  
 Without claws.  
 Protection class (Device): IP 20  
 Mounting depth: 34 mm

|              |                    |                 |   |
|--------------|--------------------|-----------------|---|
| white        | <b>0261/11-500</b> | 2CKA000230A0418 | 1 |
| grey         | <b>0261/13-500</b> | 2CKA000230A0420 | 1 |
| alpine white | <b>0261/12-500</b> | 2CKA000230A0419 | 1 |

<sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. USB cable lengths.





**Communication adapter**  
**for BNC-F Duct-jacks**  
 Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.  
 To support 1 or 2 jacks.  
 For trunk systems, flush-mounted wall boxes and underfloor systems.  
 Without cover plate.  
 Without claws.  
 Protection class (Device): IP 20


|              |                    |                 |   |
|--------------|--------------------|-----------------|---|
| white        | <b>0262/11-500</b> | 2CKA000230A0436 | 1 |
| grey         | <b>0262/13-500</b> | 2CKA000230A0438 | 1 |
| alpine white | <b>0262/12-500</b> | 2CKA000230A0437 | 1 |


## Busch-axcent®


### Multimedia / communication adapters


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>F duct-jack for communication adapter</b><br>For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver.<br>With screw-type terminals.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Protection class (Device): IP 20 |                 |          |
| metal clad  | <b>0262-500</b>  | 2CKA000230A0440 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Communication adapter for Cinch-jacks</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To support 1 or 2 jacks.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20 |                 |   |
| white   | <b>0263/11-500</b>  | 2CKA000230A0444 | 1 |
| grey  | <b>0263/13-500</b>  | 2CKA000230A0446 | 1 |
| alpine white  | <b>0263/12-500</b>  | 2CKA000230A0445 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked white: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| alpine white  | <b>0263/04-500</b>   | 2CKA000230A0451 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked black: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| black   | <b>0263/05-500</b>   | 2CKA000230A0452 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked red: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| Red   | <b>0263/06-500</b>   | 2CKA000230A0453 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cinch-jacks for communication adapter</b><br>For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.<br>Marked yellow: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| yellow  | <b>0263/07-500</b>  | 2CKA000230A0454 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Communication adapter for Mini-jacks 3,5mm.</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To support 1 or 2 jacks.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0264/11-500</b>  | 2CKA000230A0458 | 1        |
| grey  | <b>0264/13-500</b>  | 2CKA000230A0460 | 1        |
| alpine white  | <b>0264/12-500</b>  | 2CKA000230A0459 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Mini-jack 3,5 mm for communication adapter</b><br>For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones.<br>Audio-band 20Hz - 20kHz.<br>With soldering tag.<br>Protection class (Device): IP 20 |                 |   |
| chrome gloss  | <b>0264-500</b>  | 2CKA000230A0462 | 1 |

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |        |
| white   | <b>0248/02-101</b>  | 2CKA000230A0402 | 10/100 |

<sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.

|   |   |  |  |
|---|---|--|--|
|  | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |  |  |
|---|---|--|--|


<sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>0248/05-101</b>  | 2CKA000230A0404 | 10/100 |


<sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.

## Busch-axcent®


### Multimedia / communication adapters


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For Busch-Radio DAB+ 8215 U-101.<br>For Busch-Radio BTconnect DAB+ 8217 U-101.<br>For Busch-Radio iNet 8216 U. |                 |          |
| anthracite  | <b>8252-81-101-500</b>   | 2CKA008200A0249 | 10       |
| aluminium<br>silver <sup>1)</sup>   | <b>8252-83-101-500</b>   | 2CKA008200A0253 | 10       |
| studio white  | <b>8252-84-101-500</b>   | 2CKA008200A0255 | 10       |
| grey metallic <sup>1)</sup>   | <b>8252-803-101-500</b>  | 2CKA008200A0257 | 10       |
| studio white<br>matt <sup>1)</sup>  | <b>8252-884-101-500</b>  | 2CKA008200A0259 | 10       |
| black matt <sup>1)</sup>  | <b>8252-885-101-500</b>  | 2CKA008200A0261 | 10       |

<sup>1)</sup>Surface painted.


|  |  |                 |      |
|--|--|-----------------|------|
|  | <b>Cover plate</b><br>For loudspeaker insert 8223 U. |                 |      |
| anthracite   | <b>8253-81</b>                                       | 2CKA008200A0078 | 1/10 |
| aluminium<br>silver <sup>1)</sup>  | <b>8253-83</b>                                       | 2CKA008200A0080 | 1/10 |
| studio white   | <b>8253-84</b>                                       | 2CKA008200A0081 | 1/10 |
| grey metallic <sup>1)</sup>  | <b>8253-803</b>                                      | 2CKA008200A0115 | 1/10 |
| studio white,<br>matt <sup>1)</sup>  | <b>8253-884</b>                                      | 2CKA008200A0123 | 1/10 |
| black matt <sup>1)</sup>   | <b>8253-885</b>                                      | 2CKA008200A0126 | 1/10 |

<sup>1)</sup>Surface painted.


|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate media connector. |                 |      |
| studio white  | <b>8256-81</b>   | 2CKA008200A0227 | 1/10 |
| aluminium<br>silver <sup>1)</sup>   | <b>8256-83</b>   | 2CKA008200A0225 | 1/10 |
| studio white,<br>matt <sup>1)</sup>   | <b>8256-84</b>   | 2CKA008200A0224 | 1/10 |
| anthracite  | <b>8256-803</b>  | 2CKA008200A0230 | 1/10 |
| black matt <sup>1)</sup>  | <b>8256-884</b>  | 2CKA008200A0226 | 1/10 |
| grey metallic <sup>1)</sup>   | <b>8256-885</b>  | 2CKA008200A0228 | 1/10 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1766-81</b>  | 2CKA001710A3613 | 10       |
| aluminium<br>silver <sup>1)</sup>   | <b>1766-83</b>  | 2CKA001710A3659 | 10/100   |
| studio white  | <b>1766-84-500</b>  | 2CKA001710A3992 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>1766-803</b>   | 2CKA001710A3854 | 10       |
| studio white,<br>matt <sup>1)</sup>   | <b>1766-884</b>   | 2CKA001710A3926 | 10       |
| black matt <sup>1)</sup>  | <b>1766-885</b>   | 2CKA001710A3903 | 10       |

<sup>1)</sup>Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover plate with metal mounting plate</b><br>With fixing claws.<br>loudspeaker inserts and cover.<br>With soldering tag.<br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1751-81</b>  | 2CKA001723A0253 | 10     |
| aluminium<br>silver <sup>1)</sup>   | <b>1751-83</b>  | 2CKA001723A0254 | 10     |
| studio white  | <b>1751-84</b>  | 2CKA001723A0240 | 10/100 |
| grey metallic <sup>1)</sup>   | <b>1751-803</b>   | 2CKA001723A0257 | 10     |
| studio white,<br>matt <sup>1)</sup>   | <b>1751-884</b>   | 2CKA001710A3880 | 1      |
| black matt <sup>1)</sup>  | <b>1751-885</b>   | 2CKA001723A0259 | 10     |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate with rotary control, with marking</b><br>As a cover for volume controllers.<br>Suitable for the >LR mono BJ FM< devices of WHD.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1740 DR/03-81</b>   | 2CKA001710A4120 | 10 |
| aluminium<br>silver <sup>1)</sup>   | <b>1740 DR/03-83</b>   | 2CKA001710A3811 | 10 |
| studio white  | <b>1740 DR/03-84</b>   | 2CKA001710A3808 | 10 |
| grey metallic <sup>1)</sup>   | <b>1740 DR/03-803</b>  | 2CKA001710A4119 | 10 |
| studio white,<br>matt <sup>1)</sup>   | <b>1740 DR/03-884</b>  | 2CKA001710A3870 | 10 |
| black matt <sup>1)</sup>  | <b>1740 DR/03-885</b>  | 2CKA001710A3892 | 10 |


<sup>1)</sup>Surface painted.

## Busch-axcent®

### Room thermostats

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for Busch-powerDock</b><br>For Busch-powerDock charging cradle. |                 |          |
| anthracite  | <b>6477-81</b>   | 2CKA006400A0056 | 10       |
| aluminium<br>silver <sup>1)</sup>   | <b>6477-83</b>   | 2CKA006400A0058 | 10       |
| studio white  | <b>6477-84</b>   | 2CKA006400A0059 | 10/100   |
| grey metallic <sup>1)</sup>   | <b>6477-803</b>  | 2CKA006400A0060 | 10       |
| studio white<br>matt <sup>1)</sup>  | <b>6477-884</b>  | 2CKA006400A0062 | 10       |
| black matt <sup>1)</sup>  | <b>6477-885</b>  | 2CKA006400A0063 | 10       |

<sup>1)</sup>Surface painted.

|  |  |                 |      |
|--|--|-----------------|------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br>Switch contact opens when the set temperature is reached. With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~.<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |      |
|  | <b>1094 U-500</b>  | 2CKA001032A0512 | 1/10 |


**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br><b>Slide switch</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K. Switch contact opens when the set temperature is reached. With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 U-500</b>   | 2CKA001032A0514 | 1/10 |


**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br><b>Sliding switch, 24 V</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 24 V~<br>Rated current: 1 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1096 U</b>   | 2CKA001032A0485 | 1        |


**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br><b>1gang 2way</b><br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1097 U-500</b>   | 2CKA001032A0513 | 1/10 |

**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

# Busch-axcent®


## Room thermostats

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1094 UTA</b>  | 2CKA001032A0487 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Sliding switch, actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 UTA</b>   | 2CKA001032A0488 | 1/10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Sliding switch, actual value indication, 24 V</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 24 V~<br>Rated current: 1 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1096 UTA</b>   | 2CKA001032A0489 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Change-over contact, actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1097 UTA</b>   | 2CKA001032A0490 | 1/10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Room thermostat, flush-mounted 1) 2) 3)<br/>Change-over contact, setpoint indication, timer</b><br>With change-over contact.<br>Easy adjustment using menu and text-based display.<br>4 switching times per day can be user-defined for each day of the week.<br>With fixing claws.<br>Automatic summer/wintertime switch-over<br>Power reserve > 10 hours.<br>To fit cover plate 6435-xxx.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9 |                 |      |
|   | <b>1098 U-101</b>  | 2CKA001032A0508 | 1/10 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

## Busch-axcent®

### Room thermostats


| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted <sup>1)</sup></b><br/> <b>Remote sensor</b><br/>           With remote sensor and thermal feedback<br/>           For underfloor heating.<br/>           With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Remote sensor cable length: 4 m.<br/>           Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br/>           Adjusting range: +10 to +50° C.<br/>           Connecting cable: 1mm<sup>2</sup> to 2.5 mm<sup>2</sup><br/>           Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 16 A, cos φ 1<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1095 UF</b> | 2CKA001032A0497 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                    |                 |      |
|--|--------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup></b><br/> <b>Change-over contact, setpoint indication, timer, remote sensor</b><br/>           With change-over contact.<br/>           Easy adjustment using menu and text-based display.<br/>           4 switching times per day can be user-defined for each day of the week.<br/>           With fixing claws.<br/>           Automatic summer/wintertime switch-over<br/>           Remote sensor cable length: 4 m.<br/>           Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br/>           Power reserve &gt; 10 hours<br/>           To fit cover plate 6435-xxx.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 16 A<br/>           Temperature range (Device): 10 °C to 50 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9</p> | <b>1098 UF-101</b> | 2CKA001032A0509 | 1/10 |
|--|--------------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>Heating/cooling</b><br/>           With separate connection (230 V~) for external switchover between heating or cooling.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Nominal current: 10 A heating<br/>           Nominal current: 5 A cooling<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1099 UHK</b> | 2CKA001032A0515 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|  |                   |                 |      |
|--|-------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>Heating/cooling, sliding switch</b><br/>           With built-in sliding switch for switchover between cooling or heating.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Nominal current: 10 A heating<br/>           Nominal current: 5 A cooling<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1099 UHKEA</b> | 2CKA001032A0516 | 1/10 |
|--|-------------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
| <b>Cover plate for room thermostat</b><br>For room thermostats 1094 U, 1097 U. |                 |                 |          |
| anthracite   | <b>1794-81</b>  | 2CKA001710A3629 | 10       |
| aluminium silver <sup>1)</sup>   | <b>1794-83</b>  | 2CKA001710A3668 | 10       |
| studio white   | <b>1794-84</b>  | 2CKA001710A3544 | 10       |
| grey metallic <sup>1)</sup>  | <b>1794-803</b> | 2CKA001710A3847 | 10       |
| studio white, matt <sup>1)</sup>   | <b>1794-884</b> | 2CKA001710A3884 | 10       |
| black matt <sup>1)</sup>   | <b>1794-885</b> | 2CKA001710A3907 | 10       |


<sup>1)</sup> Surface painted.

## Busch-axcent®


### Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for room thermostat</b><br>With sliding switch for nightly room temperature reduction. to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF. |                 |          |
| anthracite  | <b>1795-81</b>  | 2CKA001710A3630 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1795-83</b>  | 2CKA001710A3669 | 10       |
| studio white  | <b>1795-84</b>  | 2CKA001710A3569 | 10       |
| grey metallic <sup>1)</sup>   | <b>1795-803</b>   | 2CKA001710A3848 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1795-884</b>   | 2CKA001710A3886 | 10       |
| black matt <sup>1)</sup>  | <b>1795-885</b>   | 2CKA001710A3909 | 10       |

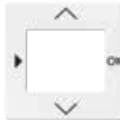
<sup>1)</sup>Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room thermostats 1094 UTA, 1097 UTA. |                 |    |
| anthracite   | <b>1794 TA-81</b>  | 2CKA001710A3695 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1794 TA-83</b>  | 2CKA001710A3697 | 10 |
| studio white   | <b>1794 TA-84</b>  | 2CKA001710A3698 | 10 |
| grey metallic <sup>1)</sup>  | <b>1794 TA-803</b>   | 2CKA001710A3849 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1794 TA-884</b>   | 2CKA001710A3883 | 10 |
| black matt <sup>1)</sup>   | <b>1794 TA-885</b>   | 2CKA001710A3906 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>With sliding switch for nightly room temperature reduction. For room thermostats 1095 UTA, 1096 UTA. |                 |    |
| anthracite  | <b>1795 TA-81</b>  | 2CKA001710A3722 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1795 TA-83</b>  | 2CKA001710A3724 | 10 |
| studio white  | <b>1795 TA-84</b>  | 2CKA001710A3725 | 10 |
| grey metallic <sup>1)</sup>   | <b>1795 TA-803</b>   | 2CKA001710A3850 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1795 TA-884</b>   | 2CKA001710A3885 | 10 |
| black matt <sup>1)</sup>  | <b>1795 TA-885</b>   | 2CKA001710A3908 | 10 |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b><br>For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500. For blind compact timer 6422 U. |                 |          |
| anthracite  | <b>6435-81</b>  | 2CKA006430A0303 | 10       |
| aluminium silver <sup>1)</sup>  | <b>6435-83</b>  | 2CKA006430A0305 | 10       |
| studio white  | <b>6435-84</b>  | 2CKA006430A0306 | 10       |
| grey metallic <sup>1)</sup>   | <b>6435-803</b>   | 2CKA006430A0351 | 10       |
| studio white, matt <sup>1)</sup>  | <b>6435-884</b>   | 2CKA006430A0388 | 10       |
| black matt <sup>1)</sup>  | <b>6435-885</b>   | 2CKA006430A0389 | 10       |

<sup>1)</sup>Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room temperature controller 1099 UHK. |                 |    |
| anthracite   | <b>1795 HK-81</b>   | 2CKA001710A4013 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1795 HK-83</b>   | 2CKA001710A4016 | 10 |
| studio white   | <b>1795 HK-84</b>   | 2CKA001710A4017 | 10 |
| grey metallic <sup>1)</sup>  | <b>1795 HK-803</b>  | 2CKA001710A4012 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1795 HK-884</b>  | 2CKA001710A4019 | 10 |
| black matt <sup>1)</sup>   | <b>1795 HK-885</b>  | 2CKA001710A4020 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating. |                 |    |
| anthracite  | <b>1795 HKEA-81</b>  | 2CKA001710A4045 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1795 HKEA-83</b>  | 2CKA001710A4048 | 10 |
| studio white  | <b>1795 HKEA-84</b>  | 2CKA001710A4049 | 10 |
| grey metallic <sup>1)</sup>   | <b>1795 HKEA-803</b>   | 2CKA001710A4044 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1795 HKEA-884</b>   | 2CKA001710A4051 | 10 |
| black matt <sup>1)</sup>  | <b>1795 HKEA-885</b>   | 2CKA001710A4052 | 10 |

<sup>1)</sup>Surface painted.

## Busch-axcent®

### LED light


| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  | <b>Cover plate <sup>1)</sup> <sup>2)</sup></b><br>As cover for flush-mounted info light.<br>For insert 2062 U.<br>Size of information field 43 x 43 mm.<br>Protection class (Device): IP 20 |           |          |

|                                  |                 |                 |   |
|----------------------------------|-----------------|-----------------|---|
| anthracite                       | <b>1716-81</b>  | 2CKA001731A1921 | 1 |
| aluminium silver <sup>3)</sup>   | <b>1716-83</b>  | 2CKA001731A1950 | 1 |
| studio white                     | <b>1716-84</b>  | 2CKA001731A1923 | 1 |
| grey metallic <sup>3)</sup>      | <b>1716-803</b> | 2CKA001731A1976 | 1 |
| studio white, matt <sup>3)</sup> | <b>1716-884</b> | 2CKA001731A1978 | 1 |
| black matt <sup>3)</sup>         | <b>1716-885</b> | 2CKA001731A1980 | 1 |


<sup>1)</sup>Included with the cover are 46 different text labels and symbols.

<sup>2)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup>Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Cover plate for indication lamp</b><br>For insert 2061/2661 U.<br>As cover for flush-mounted light signal.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>1756-81</b>  | 2CKA001753A0089 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1756-83</b>  | 2CKA001753A0091 | 10 |
| studio white   | <b>1756-84</b>  | 2CKA001753A0092 | 10 |
| grey metallic <sup>1)</sup>  | <b>1756-803</b>   | 2CKA001753A0088 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1756-884</b>   | 2CKA001753A0251 | 10 |
| black matt <sup>1)</sup>   | <b>1756-885</b>   | 2CKA001753A0252 | 10 |


<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cap for indication lamp</b><br>For indication lamps.<br>Protection class (Device): IP 20 |                 |    |
| clear-transparent   | <b>1565-11</b>  | 2CKA001565A0167 | 10 |
| Red   | <b>1565-12</b>  | 2CKA001565A0175 | 10 |
| green   | <b>1565-13</b>  | 2CKA001565A0183 | 10 |


### WaveLINE inserts / control elements

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|  | <b>RF remote control</b><br>• Network-independent radio control.<br>• For switching and dimming.<br>• For controlling blinds and light scenes.<br>• With 3 groups (A, B or C) with 5 pairs of channels.<br>• There are 15 radio channels operated singly or up to 30 light scenes can be called. |           |          |


**6780** 2CKA006780A0002 1

|   |   |  |  |
|---|---|--|--|
|  | <b>1-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• Functions via radio control: ON/OFF, timer and light scene control.<br>• Functions via the extension unit: ON/OFF, timer and sending a radio control telegram.<br>• Operation via conventional push button (2020 US/2021/6 UK) possible. |  |  |
|---|---|--|--|


**6701-101-500** 2CKA006700A0040 1

|  |  |  |  |
|--|--|--|--|
|  | <b>1-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• For functions ON/OFF, timer and lightscene control.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.<br>• For remote control WaveLINE 6780.<br>• Switch-off delay: Adjustable between 10 s to 5 min. |  |  |
|--|--|--|--|

**6702-500** 2CKA006700A0023 1

|   |  |  |  |
|---|--|--|--|
|  | <b>2-fach Aktor WaveLINE</b><br>• For wireless switching of electrical loads.<br>• For operation mode 2gang switch, 2 separate outputs.<br>• For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).<br>• For functions: ON/OFF and light scene control.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx |  |  |
|---|--|--|--|

**6703-500** 2CKA006700A0024 1


|   |  |  |  |
|---|--|--|--|
|  | <b>Dimm Aktor WaveLINE</b><br>• For wireless switching and dimming of electrical loads.<br>• For functions ON/OFF, dimming and lightscene control.<br>• With soft ON/OFF function.<br>• With selectable light value storage.<br>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx. |  |  |
|---|--|--|--|

**6704-500** 2CKA006700A0025 1




## Busch-axcent®

### WaveLINE inserts / control elements

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <p><b>Serien/Jalousieaktor WaveL</b></p> <ul style="list-style-type: none"> <li>• For wireless switching of electrical loads.</li> <li>• For driving and adjusting blinds/shutters and awnings over radio.</li> <li>• Functions via radio control: 2gang switch, blind switch and light scene control.</li> <li>• Functions via extension unit: 2gang switch, blind switch and send radio control telegram.</li> <li>• Operation via conventional push button (2020 US/2021/6 UK) possible.</li> </ul> | <b>6705-101-500</b>  | 2CKA006700A0042 | 1        |
|  | <p><b>2-fach Binärein. WaveLINE</b></p> <ul style="list-style-type: none"> <li>• Radio control telegrams are sent when the two extension units are activated with mains voltage (AC 230 V~).</li> <li>• Operation via conventional push button (2020 US/2021/6 UK) possible.</li> <li>• The 2gang binary input has 5 function modes:               <ol style="list-style-type: none"> <li>1) 2-channel switching</li> <li>2) 2-channel dimming</li> <li>3) 1 channel blind</li> <li>4) Two-channel light scene control</li> <li>5) Channel 1: Switching ON<br/>Channel 2: Continuous switching ON/OFF</li> </ol> </li> </ul> |                 |          |
|  | <b>6725-500</b>  | 2CKA006720A0008 | 1        |

### WaveLINE inserts / control elements

| Product  | Article-No.                       | Order-No.       | Pack/Qty |
|--|-----------------------------------|-----------------|----------|
|  <p><b>Wall-mounted transmitter WaveLINE<sup>1) 2)</sup></b><br/><b>1-channel</b></p> <p>1gang wall-mounted transmitter independent of mains power supply.<br/>With labelling field and labelling strip.<br/>For switching and dimming.<br/>For controlling blinds and light scenes.<br/>1 radio channel can be operated or up to 2 light scenes can be called up.<br/>For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.<br/>Compatible with WaveLINE KNX gateway TP-RF 6770.<br/>Send frequency: 868 MHz.<br/>Free-field range: approx. 100 m.<br/>Power supply: lithium button cell battery Type CR2032.<br/>Battery service life: typically 5 years, therefore practically maintenance-free.<br/>Automatic monitoring of battery life.<br/>Including fixing plate for mounting on smooth walls or on switch boxes.<br/>Control element: rocker switch left/right<br/>Display elements: LED to indicate the transmission<br/>Rated voltage: 3 V-<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6731-83-500</b>                | 2CKA006730A0035 | 1/10     |
|  | aluminium<br>silver <sup>3)</sup> |                 |          |
| studio white   | <b>6731-84-500</b>                | 2CKA006730A0038 | 1/10     |


<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Surface painted.

## Busch-axcent®


### ZigBee Light Link inserts / control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Wall-mounted transmitter WaveLINE <sup>1)</sup> 2)</b><br><b>2-channel</b><br>2gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 2 radio channels can be operated or up to 4 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Control element: rocker switch left/right Display elements: LED to indicate the transmission Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm |                 |          |
| aluminium silver <sup>3)</sup>  | <b>6732-83-500</b>  | 2CKA006730A0036 | 1/10     |
| studio white  | <b>6732-84-500</b>  | 2CKA006730A0039 | 1/10     |

<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Surface painted.


|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Wall-mounted transmitter WaveLINE <sup>1)</sup> 2)</b><br><b>4-channel</b><br>4gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 4 radio channels can be operated or up to 8 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Control element: rocker switch left/right Display elements: LED to indicate the transmission Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm |                 |      |
| aluminium silver <sup>3)</sup>  | <b>6733-83-500</b>  | 2CKA006730A0037 | 1/10 |
| studio white  | <b>6733-84-500</b>  | 2CKA006730A0040 | 1/10 |


<sup>1)</sup> Battery included in delivery.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>ZLL-Power supply insert</b><br>• With electronic short-circuit protection.<br>• With electronic overload protection.<br>• For ZigBee Light Link control element 6735-xxx, 6736-xxx and 6737-xxx.<br>• Without control cover.<br>• Rated voltage: 230 V~, +10 % / -10 %<br>• Secondary: 5 V-, +5 % / -5 % |                 |   |
|   | <b>6710 U-500</b>   | 2CKA006710A0005 | 1 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZLL-Relay insert</b><br>• 3 wire connection (neutral conductor required).<br>• For switching retrofit LED lamps (LEDi).<br>• For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.<br>• Without control cover. |                 |          |
|   | <b>6711 U-500</b>  | 2CKA006710A0006 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>ZLL-Dimmer insert</b><br>• Touch dimmer.<br>• For wireless switching and dimming of electrical loads.<br>• 3 wire connection (neutral conductor required).<br>• Optimised for dimming of retrofit LED lamps (LEDi).<br>• For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. |                 |   |
|   | <b>6715 U-500</b>   | 2CKA006710A0007 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>ZLL-Plug-in unit Switch</b><br>• Plug device for switching electric loads up to 1,380 W/VA.<br>• Control of thermal positioners for heating control possible.<br>• Not for electrical heating devices.<br>• Connected load can be activated/deactivated via micro switch.<br>• Send/receive frequency: 2.4 GHz. |                 |   |
|   | <b>6717-84-500</b>   | 2CKA006710A0008 | 1 |

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>ZigBee Light Link wall-mounted transmitter 1-channel</b><br>1gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 2 light scenes. For dimming a light scene. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> . Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery) Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V- Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |      |
| anthracite  | <b>6735/01-81</b>   | 2CKA006730A0079 | 1    |
| aluminium silver <sup>1)</sup>  | <b>6735/01-83</b>   | 2CKA006730A0081 | 1    |
| studio white  | <b>6735/01-84</b>   | 2CKA006730A0082 | 1/10 |
| grey metallic <sup>1)</sup>   | <b>6735/01-803</b>  | 2CKA006730A0117 | 1    |
| studio white, matt <sup>1)</sup>  | <b>6735/01-884</b>  | 2CKA006730A0118 | 1    |
| black matt <sup>1)</sup>  | <b>6735/01-885</b>  | 2CKA006730A0119 | 1    |


<sup>1)</sup> Surface painted.

## Busch-axcent®


### WaveLINE control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ZigBee Light Link wall-mounted transmitter<br/>2-channel</b>   |                 |          |
|   | <p>2gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 4 light scenes. For dimming 2 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>.<br/>Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br/>Battery service life: typically 3 years.<br/>Automatic monitoring of battery life.<br/>Including fixing plate for mounting on smooth walls or on switch boxes.<br/>Rated voltage: 3 V-<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> |                 |          |
| anthracite  | <b>6736/01-81</b>   | 2CKA006730A0083 | 1        |
| aluminium silver <sup>1)</sup>  | <b>6736/01-83</b>   | 2CKA006730A0085 | 1        |
| studio white  | <b>6736/01-84</b>   | 2CKA006730A0086 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>6736/01-803</b>  | 2CKA006730A0121 | 1        |
| studio white, matt <sup>1)</sup>  | <b>6736/01-884</b>  | 2CKA006730A0124 | 1        |
| black matt <sup>1)</sup>  | <b>6736/01-885</b>  | 2CKA006730A0125 | 1        |

<sup>1)</sup> Surface painted.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>ZigBee Light Link wall-mounted transmitter<br/>4-channel</b>   |                 |      |
|   | <p>4gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 8 light scenes. For dimming 4 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>.<br/>Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery)<br/>Battery service life: typically 3 years.<br/>Automatic monitoring of battery life.<br/>Including fixing plate for mounting on smooth walls or on switch boxes.<br/>Rated voltage: 3 V-<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> |                 |      |
| anthracite  | <b>6737/01-81</b>   | 2CKA006730A0087 | 1    |
| aluminium silver <sup>1)</sup>  | <b>6737/01-83</b>   | 2CKA006730A0089 | 1    |
| studio white  | <b>6737/01-84</b>   | 2CKA006730A0090 | 1/10 |
| grey metallic <sup>1)</sup>   | <b>6737/01-803</b>  | 2CKA006730A0127 | 1    |
| studio white, matt <sup>1)</sup>  | <b>6737/01-884</b>  | 2CKA006730A0130 | 1    |
| black matt <sup>1)</sup>  | <b>6737/01-885</b>  | 2CKA006730A0131 | 1    |


<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>1gang</b>  |                 |          |
|   | <p>For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br/>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br/>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 2 light scenes or dimming a light scene.<br/>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br/>Push-button function: Switching/dimming/light scenes. With labelling field.<br/>Without enclosed labelling sheet.<br/>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>.<br/>Send/receive frequency: 2.4 GHz.<br/>Free-field range: approx. 100 m.<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm</p> |                 |          |
| anthracite  | <b>6735-81</b>  | 2CKA006730A0067 | 1        |
| aluminium silver <sup>1)</sup>  | <b>6735-83</b>  | 2CKA006730A0069 | 1        |
| studio white  | <b>6735-84</b>  | 2CKA006730A0070 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>6735-803</b>   | 2CKA006730A0099 | 1        |
| studio white, matt <sup>1)</sup>  | <b>6735-884</b>   | 2CKA006730A0100 | 1        |
| black matt <sup>1)</sup>  | <b>6735-885</b>   | 2CKA006730A0101 | 1        |


<sup>1)</sup> Surface painted.

## Busch-axcent®

### WaveLINE control elements

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>2gang</b>   |                 |          |
|   | For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.   |                 |          |
|   | In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes. |                 |          |
|   | In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 4 light scenes or dimming 2 light scenes.   |                 |          |
|   | For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.  |                 |          |
|   | With labelling field.  |                 |          |
|   | Without enclosed labelling sheet.  |                 |          |
|   | Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .   |                 |          |
|   | Send/receive frequency: 2.4 GHz.   |                 |          |
|   | Free-field range: approx. 100 m.   |                 |          |
|   | Protection class (Device): IP 20   |                 |          |
|   | Temperature range (Device): -5 °C to 45 °C   |                 |          |
|   | Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm   |                 |          |
| anthracite  | <b>6736-81</b>   | 2CKA006730A0071 | 1        |
| aluminium silver <sup>1)</sup>  | <b>6736-83</b>   | 2CKA006730A0073 | 1        |
| studio white  | <b>6736-84</b>   | 2CKA006730A0074 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>6736-803</b>  | 2CKA006730A0105 | 1        |
| studio white, matt <sup>1)</sup>  | <b>6736-884</b>  | 2CKA006730A0106 | 1        |
| black matt <sup>1)</sup>  | <b>6736-885</b>  | 2CKA006730A0107 | 1        |

<sup>1)</sup>Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>4gang</b>   |                 |          |
|   | For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.   |                 |          |
|   | In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes. |                 |          |
|   | In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 8 light scenes or dimming 4 light scenes.   |                 |          |
|   | For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.  |                 |          |
|   | With labelling field.  |                 |          |
|   | Without enclosed labelling sheet.  |                 |          |
|   | Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .   |                 |          |
|   | Send/receive frequency: 2.4 GHz.   |                 |          |
|   | Free-field range: approx. 100 m.   |                 |          |
|   | Protection class (Device): IP 20   |                 |          |
|   | Temperature range (Device): -5 °C to 45 °C   |                 |          |
|   | Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm   |                 |          |
| anthracite  | <b>6737-81</b>   | 2CKA006730A0075 | 1        |
| aluminium silver <sup>1)</sup>  | <b>6737-83</b>   | 2CKA006730A0077 | 1        |
| studio white  | <b>6737-84</b>   | 2CKA006730A0078 | 1/10     |
| grey metallic <sup>1)</sup>   | <b>6737-803</b>  | 2CKA006730A0111 | 1        |
| studio white, matt <sup>1)</sup>  | <b>6737-884</b>  | 2CKA006730A0112 | 1        |
| black matt <sup>1)</sup>  | <b>6737-885</b>  | 2CKA006730A0113 | 1        |

<sup>1)</sup>Surface painted.

# Busch-axcent®


## Busch-Infoline®

## Accessories

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1) 2)</sup><br/>1gang, with labelling field</b><br>With operating knob.<br>For signal/cancel push-button 1520/1 UK.<br>For monitoring unit 1511 U.<br>For Busch-Leakage guard insert 1531 U.<br>With labelling field 61 x 20 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |          |
| studio white  | <b>1571 CN-84</b>  | 2CKA001582A0346 | 10       |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>2gang, with labelling field</b><br>With operating knob.<br>For signal push-button insert 1520/1 UKZ.<br>With labelling field 61 x 20 mm.<br>With exchangeable inlays in red and green for the individual designation of the operating knob.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1572 CN-84</b>   | 2CKA001582A0348 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>with red and neutral light panel and labelling field</b><br>For Alarm Control Unit insert 1515 U-12.<br>For Busch-Alarm signal insert 1563 U-12.<br>For indication lamp insert 1564 U-1x.<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1573 CN-84</b>   | 2CKA001582A0350 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>6gang, illuminable, with labelling field</b><br>For signal panel insert 1566 U.<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1575 CN-84</b>   | 2CKA001582A0353 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1) 2)</sup><br/>with labelling field</b><br>For power supply insert 1518 U.<br>For relay insert 1539 U.<br>For signal generator insert 1561 U-....<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |                 |    |
| studio white  | <b>1576 CN-84</b>  | 2CKA001582A0355 | 10 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®.

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|  | <b>Mounting set Busch-axcent® flat <sup>1) 2) 3)</sup></b><br>For flat flush-mounted installation, stonework<br>Suitable for Busch-axcent® frames without carrier.<br>With plastering moulding tool and positioning device.<br>With integrated RFID-chip for easy detection.<br>With vertically adjustable rotary ring.<br>With Torx/slotted screws.<br>With variable basement depth.<br>Mounting boxes are combinable directly.<br>With flex knockouts for cables or pipes.<br>The boxes need to be plastered.<br>Hole size : 82 mm<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 82 mm |           |          |

### 1gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3048/10</b> | 2CKA001740A0061 | 1 |
|----------------|-----------------|---|

### 2gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3048/20</b> | 2CKA001740A0062 | 1 |
|----------------|-----------------|---|

### 3gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3048/30</b> | 2CKA001740A0063 | 1 |
|----------------|-----------------|---|

### 4gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3048/40</b> | 2CKA001740A0064 | 1 |
|----------------|-----------------|---|


### 5gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3048/50</b> | 2CKA001740A0065 | 1 |
|----------------|-----------------|---|

<sup>1)</sup> Carrier needs to remove from Busch-axcent® cover frame.

<sup>2)</sup> RFID = Radio Frequency Identification

<sup>3)</sup> Not suitable for fixing claws.

|   |   |  |  |
|---|---|--|--|
|  | <b>Mounting set Busch-axcent® flat <sup>1)</sup></b><br>For flat flush-mounted installation, hollow wall<br>Suitable for Busch-axcent® frames without carrier.<br>For double planking.<br>With positioning device and adapter rings.<br>Suitable for drywalls and plasterboards for 9,5 mm, 10 mm and 12,5 mm.<br>With Torx/slotted screws.<br>Mounting boxes are combinable directly.<br>With flex knockouts for cables or pipes.<br>Fast installation via cable strap latches.<br>A 74 mm diameter moulding cutter with countersink is needed.<br>Hole size : 74 mm<br>Protection class (Device): IP 20 |  |  |
|---|---|--|--|

### 1gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3058/10</b> | 2CKA001740A0072 | 1 |
|----------------|-----------------|---|

### 2gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3058/20</b> | 2CKA001740A0073 | 1 |
|----------------|-----------------|---|

### 3gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3058/30</b> | 2CKA001740A0074 | 1 |
|----------------|-----------------|---|

### 4gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3058/40</b> | 2CKA001740A0075 | 1 |
|----------------|-----------------|---|


### 5gang

|                |                 |   |
|----------------|-----------------|---|
| <b>3058/50</b> | 2CKA001740A0076 | 1 |
|----------------|-----------------|---|


<sup>1)</sup> Carrier needs to remove from Busch-axcent® cover frame.


## Busch-axcent®

### Accessories


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>RFID-Detector <sup>1)</sup></b><br>To recover of RFID-chips.<br>Power supply: 9V alkaline cell (included in delivery).<br>Protection class (Device): IP 20 |                 |          |
|   | <b>3049</b>   | 2CKA001740A0070 | 1        |


<sup>1)</sup> RFID = Radio Frequency IDentification


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Compensation rings for flush-mounted boxes</b><br>For additional compensation for too deep mounted flush-mounted boxes.<br>Adjustment height: 2,6 mm<br>Protection class (Device): IP 20 |                 |    |
|   | <b>3057</b>   | 2CKA001740A0081 | 10 |

|  |   |                 |     |
|--|---|-----------------|-----|
|  | <b>Extension of claws <sup>1)</sup></b><br>For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes.<br>Protection class (Device): IP 20 |                 |     |
|  | <b>2148</b>   | 2CKA002148A0120 | 100 |


<sup>1)</sup> Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.

|   |   |                 |         |
|---|---|-----------------|---------|
|  | <b>Braille symbol</b><br>self-adhesive (transparent) for cover 2506-xxx<br>Protection class (Device): IP 20 |                 |         |
|   | <b>light</b>  |                 |         |
|   | <b>2144 LI</b>  | 2CKA001714A0295 | 10/1000 |
|   | <b>bell</b>   |                 |         |
|   | <b>2144 KI</b>  | 2CKA001714A0296 | 10/1000 |
|   | <b>key</b>  |                 |         |
|   | <b>2144 TR</b>  | 2CKA001714A0297 | 10/1000 |

|   |   |                 |         |
|---|---|-----------------|---------|
|  | <b>Braille symbol socket outlet</b><br>self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx<br>Protection class (Device): IP 20 |                 |         |
|   | <b>2144 ST</b>  | 2CKA001714A0298 | 10/1000 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>DIN A 4 labelling sheet <sup>1)</sup></b><br><b>plastic foil</b><br>Suitable for all to be labeled Busch-Jaeger devices.<br>For laser printer.<br>The text of the foil is printed via the Busch-Jaeger labeling service.<br>Dimensions: (L x W x D): 297 mm |                 |   |
| translucent   | <b>1799/02</b>   | 2CKA001799A0959 | 1 |
| transparent   | <b>1799/03</b>   | 2CKA001799A0960 | 1 |

<sup>1)</sup> 1 piece = 1 sheet.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>RC suppressor</b><br>For protection against the damage or destruction of electronic devices due to overvoltages.<br>For wiring network-interconnected inductivities (e.g. relay, protection, fluorescent lamps, transformers, etc.).<br>Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.<br>Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz |                 |          |
|   | <b>6899</b>  | 2CKA006899A0231 | 10       |

# Busch-axcent®


## Cover frames

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup><br/>1gang frame</b><br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 91 mm x 91 mm x 11 mm |                 |          |
| studio white  | <b>1721-284</b>  | 2CKA001754A4331 | 10       |
| black   | <b>1721-281</b>  | 2CKA001754A4409 | 10       |
| maison-beige  | <b>1721-299-500</b>  | 2CKA001754A4481 | 10       |
| entrée-grey   | <b>1721-291-500</b>  | 2CKA001754A4471 | 10       |
| château-black   | <b>1721-295-500</b>  | 2CKA001754A4491 | 10       |
| yellow  | <b>1721-285</b>  | 2CKA001754A4334 | 10       |
| green   | <b>1721-286</b>  | 2CKA001754A4337 | 10       |
| Red   | <b>1721-287</b>  | 2CKA001754A4340 | 10       |
| blue  | <b>1721-288</b>  | 2CKA001754A4343 | 10       |


<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover frame <sup>1)</sup><br/>2gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 162 mm x 91 mm x 11 mm |                 |    |
| studio white  | <b>1722-284</b>   | 2CKA001754A4332 | 10 |
| black   | <b>1722-281</b>   | 2CKA001754A4410 | 10 |
| maison-beige  | <b>1722-299-500</b>   | 2CKA001754A4482 | 10 |
| entrée-grey   | <b>1722-291-500</b>   | 2CKA001754A4472 | 10 |
| château-black   | <b>1722-295-500</b>   | 2CKA001754A4492 | 10 |
| yellow  | <b>1722-285</b>   | 2CKA001754A4335 | 10 |
| green   | <b>1722-286</b>   | 2CKA001754A4338 | 10 |
| Red   | <b>1722-287</b>   | 2CKA001754A4341 | 10 |
| blue  | <b>1722-288</b>   | 2CKA001754A4344 | 10 |


<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover frame <sup>1)</sup><br/>3gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 233 mm x 91 mm x 11 mm |                 |    |
| studio white  | <b>1723-284</b>   | 2CKA001754A4333 | 10 |
| black   | <b>1723-281</b>   | 2CKA001754A4411 | 10 |
| maison-beige  | <b>1723-299-500</b>   | 2CKA001754A4483 | 10 |
| entrée-grey   | <b>1723-291-500</b>   | 2CKA001754A4473 | 10 |
| château-black   | <b>1723-295-500</b>   | 2CKA001754A4493 | 10 |
| yellow  | <b>1723-285</b>   | 2CKA001754A4336 | 10 |
| green   | <b>1723-286</b>   | 2CKA001754A4339 | 10 |
| Red   | <b>1723-287</b>   | 2CKA001754A4342 | 10 |
| blue  | <b>1723-288</b>   | 2CKA001754A4345 | 10 |

<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame <sup>1)</sup><br/>4gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 304 mm x 91 mm x 11 mm |                 |          |
| studio white  | <b>1724-284</b>   | 2CKA001754A4346 | 1        |
| black   | <b>1724-281</b>   | 2CKA001754A4412 | 1        |
| maison-beige  | <b>1724-299-500</b>   | 2CKA001754A4484 | 1        |
| entrée-grey   | <b>1724-291-500</b>   | 2CKA001754A4474 | 1        |
| château-black   | <b>1724-295-500</b>   | 2CKA001754A4494 | 1        |
| yellow  | <b>1724-285</b>   | 2CKA001754A4348 | 1        |
| green   | <b>1724-286</b>   | 2CKA001754A4350 | 1        |
| Red   | <b>1724-287</b>   | 2CKA001754A4352 | 1        |
| blue  | <b>1724-288</b>   | 2CKA001754A4354 | 1        |






<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover frame<br/>5gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 375 mm x 91 mm x 11 mm |                 |   |
| studio white <sup>1)</sup>  | <b>1725-284</b>   | 2CKA001754A4347 | 1 |
| black <sup>1)</sup>   | <b>1725-281</b>   | 2CKA001754A4413 | 1 |
| maison-beige  | <b>1725-299-500</b>   | 2CKA001754A4485 | 1 |
| entrée-grey <sup>1)</sup>   | <b>1725-291-500</b>   | 2CKA001754A4475 | 1 |
| château-black <sup>1)</sup>   | <b>1725-295-500</b>   | 2CKA001754A4495 | 1 |
| yellow <sup>1)</sup>  | <b>1725-285</b>   | 2CKA001754A4349 | 1 |
| green <sup>1)</sup>   | <b>1725-286</b>   | 2CKA001754A4351 | 1 |
| Red <sup>1)</sup>   | <b>1725-287</b>   | 2CKA001754A4353 | 1 |
| blue <sup>1)</sup>  | <b>1725-288</b>   | 2CKA001754A4355 | 1 |

<sup>1)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.


## Busch-axcent® flat

### Cover frames

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cover frame Busch-axcent® flat<br/>1gang frame</b><br>For flat flush mounting.<br>Only suitable with Busch-axcent® flat mounting set.<br>Without carrier.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 91 mm x 91 mm x 11 mm                          |                 |          |
| black   | <b>1721-281/11</b>  | 2CKA001753A4126 | 10       |
| studio white  | <b>1721-284/11</b>  | 2CKA001753A4121 | 10       |
|    | <b>Cover frame Busch-axcent® flat<br/>2gang frame</b><br>For flat flush mounting.<br>Only suitable with Busch-axcent® flat mounting set.<br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 162 mm x 91 mm x 11 mm |                 |          |
| black   | <b>1722-281/11</b>  | 2CKA001753A4127 | 10       |
| studio white  | <b>1722-284/11</b>  | 2CKA001753A4122 | 10       |
|  | <b>Cover frame Busch-axcent® flat<br/>3gang frame</b><br>For flat flush mounting.<br>Only suitable with Busch-axcent® flat mounting set.<br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 233 mm x 91 mm x 11 mm |                 |          |
| black   | <b>1723-281/11</b>  | 2CKA001753A4128 | 10       |
| studio white  | <b>1723-284/11</b>  | 2CKA001753A4123 | 10       |
|  | <b>Cover frame Busch-axcent® flat<br/>4gang frame</b><br>For flat flush mounting.<br>Only suitable with Busch-axcent® flat mounting set.<br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 304 mm x 91 mm x 11 mm |                 |          |
| black   | <b>1724-281/11</b>  | 2CKA001753A4129 | 1        |
| studio white  | <b>1724-284/11</b>  | 2CKA001753A4124 | 1        |
|  | <b>Cover frame Busch-axcent® flat<br/>5gang frame</b><br>For flat flush mounting.<br>Only suitable with Busch-axcent® flat mounting set.<br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 375 mm x 91 mm x 11 mm |                 |          |
| black   | <b>1725-281/11</b>  | 2CKA001753A4130 | 1        |
| studio white  | <b>1725-284/11</b>  | 2CKA001753A4125 | 1        |

## Busch-axcent® pur

### Cover frames

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame<br/>1gang frame</b><br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 91 mm x 91 mm x 11 mm |                 |          |
| slate grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>             | <b>1721-290</b>  | 2CKA001754A4805 | 1        |
| concrete grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>          | <b>1721-298</b>  | 2CKA001754A4795 | 1        |
| paper blue <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup>                           | <b>1721-248</b>  | 2CKA001754A4785 | 1        |
| paper brown<br><sup>1)</sup> <sup>2)</sup> <sup>3)</sup>                          | <b>1721-243</b>  | 2CKA001754A4790 | 1        |
| glass coral   | <b>1721-227</b>  | 2CKA001754A4765 | 1        |
| glass avocado   | <b>1721-226</b>  | 2CKA001754A4770 | 1        |
| glass purple  | <b>1721-223</b>  | 2CKA001754A4775 | 1        |
| glass oyster  | <b>1721-229</b>  | 2CKA001754A4780 | 1        |
| glass ocean   | <b>1721-228</b>  | 2CKA001754A4755 | 1        |
| glass sun   | <b>1721-225</b>  | 2CKA001754A4760 | 1        |
| platinum <sup>5)</sup> <sup>6)</sup>  | <b>1721-270-500</b>  | 2CKA001754A4688 | 1        |
| black matt <sup>5)</sup> <sup>6)</sup>  | <b>1721-275-500</b>  | 2CKA001754A4708 | 1        |
| titanium <sup>5)</sup> <sup>6)</sup>  | <b>1721-276-500</b>  | 2CKA001754A4698 | 1        |
| white glass   | <b>1721-280</b>  | 2CKA001754A4437 | 1        |
| glass black   | <b>1721-245</b>  | 2CKA001754A4800 | 1        |

<sup>1)</sup> Genuine material with an individual surface.

<sup>2)</sup> Genuine material with an open-pore surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.

<sup>4)</sup> Genuine material with reduced resistance against mechanical stress.

<sup>5)</sup> Real metal surface.

<sup>6)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.



## Busch-axcent® pur

### Cover frames

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame<br/>2gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 162 mm x 91 mm x 11 mm |                 |          |
| slate grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>             | <b>1722-290</b>   | 2CKA001754A4806 | 1        |
| concrete grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>          | <b>1722-298</b>   | 2CKA001754A4796 | 1        |
| paper blue <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup>                           | <b>1722-248</b>   | 2CKA001754A4786 | 1        |
| paper brown<br><sup>1)</sup> <sup>2)</sup> <sup>3)</sup>                          | <b>1722-243</b>   | 2CKA001754A4791 | 1        |
| glass coral   | <b>1722-227</b>   | 2CKA001754A4766 | 1        |
| glass avocado   | <b>1722-226</b>   | 2CKA001754A4771 | 1        |
| glass purple  | <b>1722-223</b>   | 2CKA001754A4776 | 1        |
| glass oyster  | <b>1722-229</b>   | 2CKA001754A4781 | 1        |
| glass ocean   | <b>1722-228</b>   | 2CKA001754A4756 | 1        |
| glass sun   | <b>1722-225</b>   | 2CKA001754A4761 | 1        |
| platinum <sup>5)</sup> <sup>6)</sup>  | <b>1722-270-500</b>   | 2CKA001754A4689 | 1        |
| black matt <sup>5)</sup> <sup>6)</sup>  | <b>1722-275-500</b>   | 2CKA001754A4709 | 1        |
| titanium <sup>5)</sup> <sup>6)</sup>  | <b>1722-276-500</b>   | 2CKA001754A4699 | 1        |
| white glass   | <b>1722-280</b>   | 2CKA001754A4438 | 1        |
| glass black   | <b>1722-245</b>   | 2CKA001754A4801 | 1        |

<sup>1)</sup> Genuine material with an individual surface.


<sup>2)</sup> Genuine material with an open-pore surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.

<sup>4)</sup> Genuine material with reduced resistance against mechanical stress.

<sup>5)</sup> Real metal surface.

<sup>6)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame<br/>3gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 233 mm x 91 mm x 11 mm |                 |          |
| slate grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>             | <b>1723-290</b>   | 2CKA001754A4807 | 1        |
| concrete grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>          | <b>1723-298</b>   | 2CKA001754A4797 | 1        |
| paper blue <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup>                           | <b>1723-248</b>   | 2CKA001754A4787 | 1        |
| paper brown<br><sup>1)</sup> <sup>2)</sup> <sup>3)</sup>                          | <b>1723-243</b>   | 2CKA001754A4792 | 1        |
| glass coral   | <b>1723-227</b>   | 2CKA001754A4767 | 1        |
| glass avocado   | <b>1723-226</b>   | 2CKA001754A4772 | 1        |
| glass purple  | <b>1723-223</b>   | 2CKA001754A4777 | 1        |
| glass oyster  | <b>1723-229</b>   | 2CKA001754A4782 | 1        |
| glass ocean   | <b>1723-228</b>   | 2CKA001754A4757 | 1        |
| glass sun   | <b>1723-225</b>   | 2CKA001754A4762 | 1        |
| platinum <sup>5)</sup> <sup>6)</sup>  | <b>1723-270-500</b>   | 2CKA001754A4690 | 1        |
| black matt <sup>5)</sup> <sup>6)</sup>  | <b>1723-275-500</b>   | 2CKA001754A4710 | 1        |
| titanium <sup>5)</sup> <sup>6)</sup>  | <b>1723-276-500</b>   | 2CKA001754A4700 | 1        |
| white glass   | <b>1723-280</b>   | 2CKA001754A4439 | 1        |
| glass black   | <b>1723-245</b>   | 2CKA001754A4802 | 1        |

<sup>1)</sup> Genuine material with an individual surface.

<sup>2)</sup> Genuine material with an open-pore surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.


<sup>4)</sup> Genuine material with reduced resistance against mechanical stress.

<sup>5)</sup> Real metal surface.

<sup>6)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

## Busch-axcent® pur

### Cover frames

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame<br/>4gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 304 mm x 91 mm x 11 mm |                 |          |
| slate grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>             | <b>1724-290</b>   | 2CKA001754A4808 | 1        |
| concrete grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>          | <b>1724-298</b>   | 2CKA001754A4798 | 1        |
| paper blue <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup>                           | <b>1724-248</b>   | 2CKA001754A4788 | 1        |
| paper brown<br><sup>1)</sup> <sup>2)</sup> <sup>3)</sup>                          | <b>1724-243</b>   | 2CKA001754A4793 | 1        |
| glass coral   | <b>1724-227</b>   | 2CKA001754A4768 | 1        |
| glass avocado   | <b>1724-226</b>   | 2CKA001754A4773 | 1        |
| glass purple  | <b>1724-223</b>   | 2CKA001754A4778 | 1        |
| glass oyster  | <b>1724-229</b>   | 2CKA001754A4783 | 1        |
| glass ocean   | <b>1724-228</b>   | 2CKA001754A4758 | 1        |
| glass sun   | <b>1724-225</b>   | 2CKA001754A4763 | 1        |
| platinum <sup>5)</sup> <sup>6)</sup>  | <b>1724-270-500</b>   | 2CKA001754A4691 | 1        |
| black matt <sup>5)</sup> <sup>6)</sup>  | <b>1724-275-500</b>   | 2CKA001754A4711 | 1        |
| titanium <sup>5)</sup> <sup>6)</sup>  | <b>1724-276-500</b>   | 2CKA001754A4701 | 1        |
| white glass   | <b>1724-280</b>   | 2CKA001754A4440 | 1        |
| glass black   | <b>1724-245</b>   | 2CKA001754A4803 | 1        |

<sup>1)</sup> Genuine material with an individual surface.


<sup>2)</sup> Genuine material with an open-pore surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.

<sup>4)</sup> Genuine material with reduced resistance against mechanical stress.

<sup>5)</sup> Real metal surface.

<sup>6)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover frame<br/>5gang frame</b><br>For vertical or horizontal installation.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 375 mm x 91 mm x 11 mm |                 |          |
| slate grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>             | <b>1725-290</b>   | 2CKA001754A4809 | 1        |
| concrete grey <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup> <sup>4)</sup>          | <b>1725-298</b>   | 2CKA001754A4799 | 1        |
| paper blue <sup>1)</sup><br><sup>2)</sup> <sup>3)</sup>                           | <b>1725-248</b>   | 2CKA001754A4789 | 1        |
| paper brown<br><sup>1)</sup> <sup>2)</sup> <sup>3)</sup>                          | <b>1725-243</b>   | 2CKA001754A4794 | 1        |
| glass coral   | <b>1725-227</b>   | 2CKA001754A4769 | 1        |
| glass avocado   | <b>1725-226</b>   | 2CKA001754A4774 | 1        |
| glass purple  | <b>1725-223</b>   | 2CKA001754A4779 | 1        |
| glass oyster  | <b>1725-229</b>   | 2CKA001754A4784 | 1        |
| glass ocean   | <b>1725-228</b>   | 2CKA001754A4759 | 1        |
| glass sun   | <b>1725-225</b>   | 2CKA001754A4764 | 1        |
| platinum <sup>5)</sup> <sup>6)</sup>  | <b>1725-270-500</b>   | 2CKA001754A4692 | 1        |
| black matt <sup>5)</sup> <sup>6)</sup>  | <b>1725-275-500</b>   | 2CKA001754A4712 | 1        |
| titanium <sup>5)</sup> <sup>6)</sup>  | <b>1725-276-500</b>   | 2CKA001754A4702 | 1        |
| white glass   | <b>1725-280</b>   | 2CKA001754A4441 | 1        |
| glass black   | <b>1725-245</b>   | 2CKA001754A4804 | 1        |

<sup>1)</sup> Genuine material with an individual surface.

<sup>2)</sup> Genuine material with an open-pore surface.

<sup>3)</sup> Each cover frame is unique in structure and color nuance.

<sup>4)</sup> Genuine material with reduced resistance against mechanical stress.

<sup>5)</sup> Real metal surface.

<sup>6)</sup> Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.



# future<sup>®</sup> linear

## Embrace the unknown.

Timeless design combined with functionality, make for the perfect wiring accessory. Clear straight lines and harmonious colours which will last forever. Light switch with a soft and velvety touch fascinates the senses. Perfectly matches a modern style of living. Endless delight.



- 01 anthracite
- 02 ivory white
- 03 aluminium silver
- 04 studio white
- 05 black matt\*
- 06 white matt\*

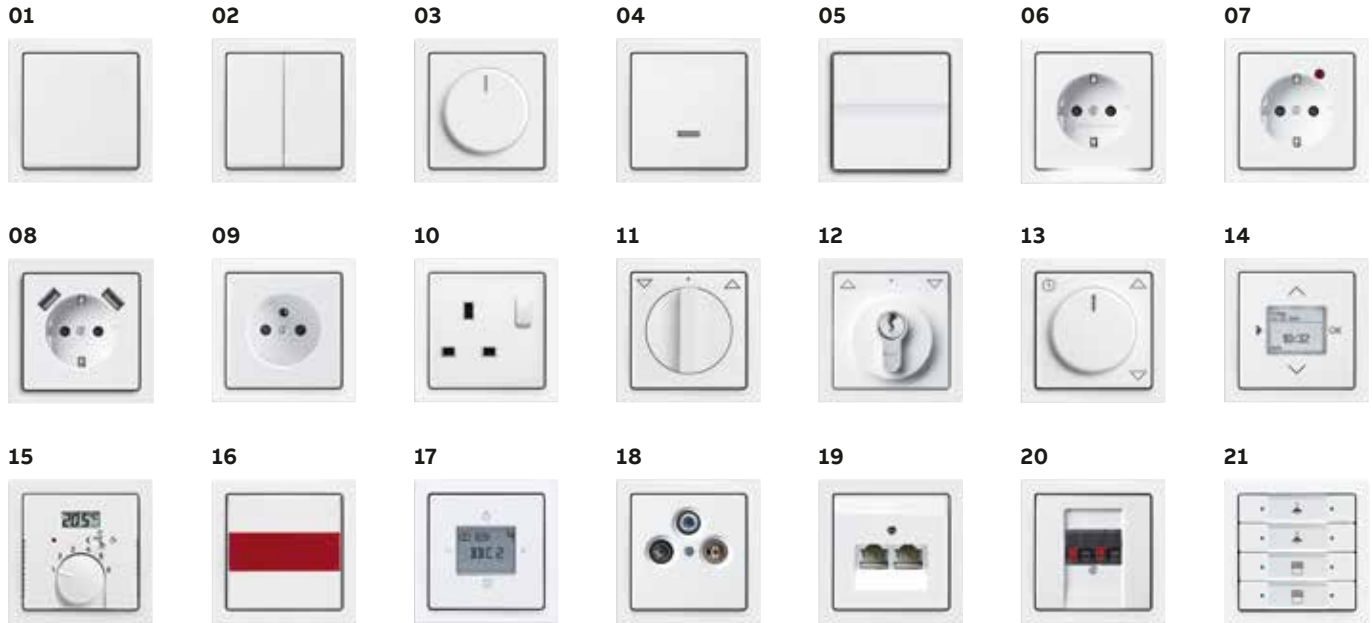
#### Materials

Cover: thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.

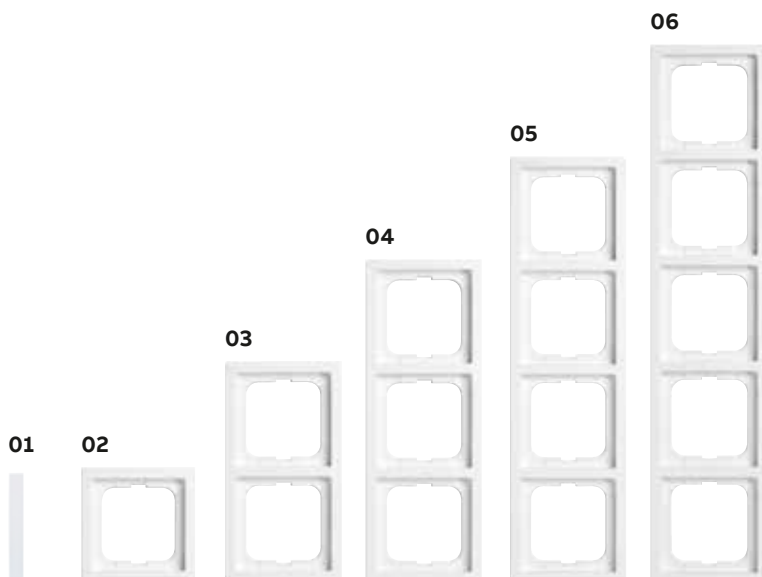
\* Softtouch: stimulating colours with pleasant haptics and a hard-wearing surface.

**future® linear**

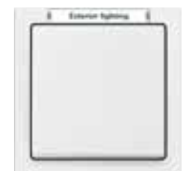
Selected functions.



- 01 Rocker switch 1gang
- 02 Rocker switch 2gang
- 03 Busch Universal Rotary Dimmer
- 04 Touch dimmer
- 05 Busch-Comfort switch
- 06 Busch-steplight®
- 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection
- 08 SCHUKO® USB socket outlet, 2x USB A
- 09 Socket outlet with earthing pin
- 10 Switched socket outlet BS standard
- 11 Blind switch with rotary knob
- 12 Busch-Blind control switch with semi-cylindrical lock
- 13 Busch-Blind comfort switch
- 14 Comfort timer
- 15 Room thermostat with display
- 16 Busch-Infoline® alarm insert
- 17 Busch-Radio DAB+
- 18 Antenna socket for radio/TV/satellite
- 19 Universal data connection box
- 20 Stereo loudspeaker connecting box
- 21 KNX sensor, for more KNX products see part 12 of the catalogue - Intelligent Building Solutions



- 1 to 5gang cover frame for horizontal and vertical installation.
- 01 Side view, 11 mm x 80 mm
  - 02 80 mm x 80 mm
  - 03 80 mm x 151 mm
  - 04 80 mm x 222 mm
  - 05 80 mm x 293 mm
  - 06 80 mm x 364 mm



Cover frames for both horizontal and vertical installation in 1-4gang, are also available with labelling field. Colour: studio white



For more information about light switch ranges visit ABB global web sites.


## future® linear

### Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>1gang 2way</b>   |                 |          |
|   | <b>2000/6 US-500</b>  | 2CKA001012A2198 | 10/100   |
|   | <b>2gang 1way</b>   |                 |          |
|   | <b>2000/5 US-500</b>  | 2CKA001012A1150 | 10/100   |
|   | <b>DP, 1gang 2way <sup>2)</sup></b>   |                 |          |
|   | <b>2000/6/2 US</b>  | 2CKA001012A0954 | 10       |
|   | <b>1gang</b>  |                 |          |
|   | <b>2000/7 US-500</b>  | 2CKA001012A2199 | 10/100   |
|   | <b>DP, 1gang 1way</b>   |                 |          |
| <b>2000/2 US-500</b>  | 2CKA001012A2196   | 10/100          |          |
| <b>SP, 1gang 1way switch</b>  |   |                 |          |
| <b>2000/1 US-500</b>  | 2CKA001012A2059   | 10/100          |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> With screw-type terminals. Non-illuminable.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>Switch-off and two-way circuit 16 A</b>  |                 |        |
|   | <b>2400/6 US-500</b>  | 2CKA001012A2232 | 10/100 |
|   | <b>2gang switch 16 A</b>  |                 |        |
|   | <b>2400/5 US-500</b>  | 2CKA001012A2234 | 10     |
|   | <b>1gang intermediate 16 A</b>  |                 |        |
| <b>2400/7 US-500</b>  | 2CKA001012A2236   | 10              |        |

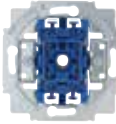
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>2gang 2way</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/6/6US-101-500</b>   | 2CKA001011A0928 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br><b>Changeover/changeover circuit 16 A</b><br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2400/6/6US-101-500</b>   | 2CKA001022A0663 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>DP, 1gang 1way</b><br>For switching high loads.<br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>2000/2 US-101-500</b>  | 2CKA001012A2193 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Also for switching SCHUKO® socket outlets.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker Switch Mechanism <sup>1)</sup> <sup>2)</sup></b><br><b>3-pole, 1gang 1way switch</b><br>Rated voltage: 400 V~<br>Rated current: 16 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 200 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |    |
|   | <b>2000/3 US</b>  | 2CKA001011A0816 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> With screw-type terminals. Non-illuminable.


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker Switch Mechanism <sup>1)</sup></b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |        |
|   | <b>1gang 2way <sup>2)</sup></b>  |                 |        |
|   | <b>2000/6 USGL-500</b>   | 2CKA001012A2194 | 10/100 |
|   | <b>2gang 1way</b>  |                 |        |
| <b>2000/5 USGL</b>  | 2CKA001012A1135  | 10              |        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

## future® linear

### Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>2gang switch with N-clamp 16 A<br/>with LED,<br/>Rated voltage: 250 V~<br/>Rated current: 16 AX<br/>Suitable for: LEDi / CFLi<br/>Rated power: 200 W<br/>Protection class (Device): IP 20<br/>IEC 60669-1</b> |                 |          |
|   | <b>2400/5 USK-500</b>   | 2CKA001012A2238 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>With neon lamp.<br/>Rated voltage: 250 V~<br/>Rated current: 10 AX<br/>Suitable for: LEDi / CFLi<br/>Rated power: 100 W<br/>Protection class (Device): IP 20<br/>IEC 60669-1</b> |                 |        |
|   | <b>1gang 2way with N-terminal</b>  |                 |        |
|   | <b>2000/6 USK-500</b>  | 2CKA001022A0659 | 10/100 |
|   | <b>DP, 1gang 1way</b>  |                 |        |
|   | <b>2000/2 UK</b>   | 2CKA001022A0656 | 10     |

<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker Switch Mechanism, control <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>Switch-off and two-way circuit with N-clamp 16 A<br/>With neon lamp.<br/>Rated voltage: 250 V~<br/>Rated current: 16 AX<br/>Suitable for: LEDi / CFLi<br/>Rated power: 200 W<br/>Protection class (Device): IP 20<br/>IEC 60669-1</b> |                 |    |
|   | <b>2400/6 USK-500</b>   | 2CKA001022A0661 | 10 |

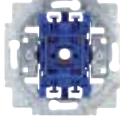
<sup>1)</sup> With 1 mA neon lamp.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>3)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism <sup>1)</sup><br/>SP, with normally open contact (operating current)<br/>With N terminal.<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</b> |                 |        |
|   | <b>2020 US-500</b>  | 2CKA001413A0574 | 10/100 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-switch mechanism <sup>1)</sup><br/>SP, with normally open contact (operating current)<br/>With 2 independent signalling contacts.<br/>Rated voltage: 250 V~<br/>Inputs: 1<br/>Outputs: 1<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</b> |                 |          |
|   | <b>2020 US-201</b>  | 2CKA001413A0483 | 10       |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Push-switch mechanism <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>SP, with normally open contact (operating current)<br/>With illumination.<br/>With N terminal.<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</b> |                 |        |
|   | <b>2020 USGL-500</b>   | 2CKA001413A1106 | 10/100 |

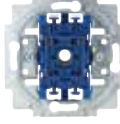
<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Replacement lamps 8360, 8362, and 8363 and LED inserts.

<sup>3)</sup> For relay and touch dimmer applications.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism <sup>1)</sup><br/>With one input terminal and 2 actuating covers.<br/>Rated voltage: 250 V~<br/>Inputs: 1<br/>Outputs: 2x Normally open contact<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</b> |                 |        |
|   | <b>2020 US-205-500</b>  | 2CKA001413A1105 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push-switch mechanism <sup>1)</sup><br/>SP, 1gang 2way<br/>Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).<br/>With N terminal.<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>Protection class (Device): IP 20<br/>IEC 60669-1</b> |                 |        |
|   | <b>2020 US-206-500</b>  | 2CKA001413A1104 | 10/100 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## future® linear


### Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1786-81-500</b>   | 2CKA001751A3079 | 10/100   |
| ivory white   | <b>1786-82-500</b>   | 2CKA001751A3083 | 10/100   |
| aluminium silver <sup>1)</sup>  | <b>1786-83-500</b>   | 2CKA001751A3075 | 10/100   |
| studio white  | <b>1786-84-500</b>   | 2CKA001751A3074 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1786-884-500</b>  | 2CKA001751A3089 | 10/100   |
| black matt <sup>1)</sup>  | <b>1786-885-500</b>  | 2CKA001751A3094 | 10/100   |
| red RAL 3020  | <b>1786-12-82</b>  | 2CKA001751A3145 | 10/100   |


<sup>1)</sup>Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Rocker Series switch</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>1785-81</b>   | 2CKA001751A2930 | 10     |
| ivory white  | <b>1785-82</b>   | 2CKA001751A2744 | 10/100 |
| aluminium silver <sup>1)</sup>   | <b>1785-83</b>   | 2CKA001751A2942 | 10/100 |
| aluminium silver <sup>1)</sup>   | <b>1785-83-500</b>   | 2CKA001751A3092 | 10/100 |
| studio white   | <b>1785-84-500</b>   | 2CKA001751A3076 | 10/100 |
| studio white, matt <sup>1)</sup>   | <b>1785-884</b>  | 2CKA001751A3024 | 10/100 |
| black matt <sup>1)</sup>   | <b>1785-885</b>  | 2CKA001751A3038 | 10/100 |


<sup>1)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker</b><br>As a cover for flush-mounted control 2gang switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1785 K-81-500</b>  | 2CKA001751A3122 | 10 |
| ivory white   | <b>1785 K-82-500</b>  | 2CKA001751A3124 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1785 K-83-500</b>  | 2CKA001751A3126 | 10 |
| studio white  | <b>1785 K-84-500</b>  | 2CKA001751A3128 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1785 K-884-500</b>   | 2CKA001751A3135 | 10 |
| black matt <sup>1)</sup>  | <b>1785 K-885-500</b>   | 2CKA001751A3137 | 10 |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker with small red spherical cap</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1789-81</b>  | 2CKA001751A2928 | 10       |
| ivory white   | <b>1789-82</b>  | 2CKA001751A2813 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1789-83</b>  | 2CKA001751A2945 | 10/100   |
| studio white  | <b>1789-84-500</b>  | 2CKA001751A3091 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1789-884</b>   | 2CKA001751A3033 | 10       |
| black matt <sup>1)</sup>  | <b>1789-885</b>   | 2CKA001751A3047 | 10       |

<sup>1)</sup>Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Rocker with small transparent lens</b><br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>1789 N-81</b>   | 2CKA001751A3147 | 10/100 |
| ivory white  | <b>1789 N-82</b>   | 2CKA001751A3148 | 10/100 |
| aluminium silver <sup>1)</sup>   | <b>1789 N-83</b>   | 2CKA001751A3149 | 10/100 |
| studio white   | <b>1789 N-84-500</b>   | 2CKA001751A3151 | 10/100 |
| studio white, matt <sup>1)</sup>   | <b>1789 N-884</b>  | 2CKA001751A3153 | 10/100 |
| black matt <sup>1)</sup>   | <b>1789 N-885</b>  | 2CKA001751A3154 | 10/100 |

<sup>1)</sup>Surface painted.


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Plug< icon.<br>As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O"<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1789 ST-81</b>   | 2CKA001751A3157 | 10/100 |
| ivory white   | <b>1789 ST-82</b>   | 2CKA001751A3158 | 10/100 |
| aluminium silver <sup>1)</sup>  | <b>1789 ST-83</b>   | 2CKA001751A3159 | 10/100 |
| studio white  | <b>1789 ST-84-500</b>   | 2CKA001751A3161 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1789 ST-884</b>  | 2CKA001751A3163 | 10/100 |
| black matt <sup>1)</sup>  | <b>1789 ST-885</b>  | 2CKA001751A3164 | 10/100 |

<sup>1)</sup>Surface painted.




## future® linear


### Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>With >Light< icon.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2520 LI-81</b>  | 2CKA001751A3186 | 10/100   |
| ivory white   | <b>2520 LI-82</b>  | 2CKA001751A3187 | 10/100   |
| aluminium silver <sup>1)</sup>  | <b>2520 LI-83</b>  | 2CKA001751A3188 | 10/100   |
| studio white  | <b>2520 LI-84-500</b>  | 2CKA001751A3190 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>2520 LI-884</b>   | 2CKA001751A3192 | 10/100   |
| black matt <sup>1)</sup>  | <b>2520 LI-885</b>   | 2CKA001751A3193 | 10/100   |


<sup>1)</sup>Surface painted.

|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>Switch rocker with marking</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>2520 TR-81</b>   | 2CKA001751A3196 | 10/100 |
| ivory white  | <b>2520 TR-82</b>   | 2CKA001751A3197 | 10/100 |
| aluminium silver <sup>1)</sup>   | <b>2520 TR-83</b>   | 2CKA001751A3198 | 10/100 |
| studio white   | <b>2520 TR-84</b>   | 2CKA001751A3199 | 10/100 |
| studio white, matt <sup>1)</sup>   | <b>2520 TR-884</b>  | 2CKA001751A3201 | 10/100 |
| black matt <sup>1)</sup>   | <b>2520 TR-885</b>  | 2CKA001751A3202 | 10/100 |


<sup>1)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>2520 KI-81</b>  | 2CKA001751A3176 | 10/100 |
| ivory white   | <b>2520 KI-82</b>  | 2CKA001751A3177 | 10/100 |
| aluminium silver <sup>1)</sup>  | <b>2520 KI-83</b>  | 2CKA001751A3178 | 10/100 |
| studio white  | <b>2520 KI-84-500</b>  | 2CKA001751A3180 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>2520 KI-884</b>   | 2CKA001751A3182 | 10/100 |
| black matt <sup>1)</sup>  | <b>2520 KI-885</b>   | 2CKA001751A3183 | 10/100 |


<sup>1)</sup>Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Light< icon.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1789 LI-81</b>  | 2CKA001751A2931 | 10       |
| ivory white   | <b>1789 LI-82</b>  | 2CKA001751A2745 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1789 LI-83</b>  | 2CKA001751A2951 | 10       |
| studio white  | <b>1789 LI-84-500</b>  | 2CKA001751A3084 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1789 LI-884</b>   | 2CKA001751A3031 | 10       |
| black matt <sup>1)</sup>  | <b>1789 LI-885</b>   | 2CKA001751A3045 | 10       |

<sup>1)</sup>Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Key< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>1789 TR-81</b>   | 2CKA001751A2933 | 10 |
| ivory white  | <b>1789 TR-82</b>   | 2CKA001751A2747 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1789 TR-83</b>   | 2CKA001751A2953 | 10 |
| studio white   | <b>1789 TR-84</b>   | 2CKA001751A2755 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1789 TR-884</b>  | 2CKA001751A3032 | 10 |
| black matt <sup>1)</sup>   | <b>1789 TR-885</b>  | 2CKA001751A3046 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch rocker with marking with small transparent lens</b><br>With >Bell< icon.<br>For flush-mounted push switch.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1789 KI-81</b>  | 2CKA001751A2932 | 10 |
| ivory white   | <b>1789 KI-82</b>  | 2CKA001751A2746 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1789 KI-83</b>  | 2CKA001751A2952 | 10 |
| studio white  | <b>1789 KI-84</b>  | 2CKA001751A2754 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1789 KI-884</b>   | 2CKA001751A3030 | 10 |
| black matt <sup>1)</sup>  | <b>1789 KI-885</b>   | 2CKA001751A3044 | 10 |

<sup>1)</sup>Surface painted.

## future® linear


### Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker <sup>1) 2)</sup> with labelling field</b><br>With >Bell< icon.<br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1764 NLI/KI-81</b>  | 2CKA001731A3998 | 10/100   |
| ivory white   | <b>1764 NLI/KI-82</b>  | 2CKA001731A3999 | 10/100   |
| aluminium silver <sup>3)</sup>  | <b>1764 NLI/KI-83</b>  | 2CKA001731A4000 | 10/100   |
| studio white  | <b>1764 NLI/KI-84-500</b>  | 2CKA001731A4002 | 10/100   |
| studio white, matt <sup>3)</sup>  | <b>1764 NLI/KI-884</b>   | 2CKA001731A4004 | 10/100   |
| black matt <sup>3)</sup>  | <b>1764 NLI/KI-885</b>   | 2CKA001731A4005 | 10/100   |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.


<sup>3)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker <sup>1) 2)</sup> with labelling field</b><br>With pilot lamp for uniform illumination of the labelling field.<br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br>Size of labelling field: 59.7 x 11.7 mm.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1764 NLI-81</b>   | 2CKA001731A1552 | 10     |
| ivory white   | <b>1764 NLI-82</b>   | 2CKA001731A1876 | 10     |
| aluminium silver <sup>3)</sup>  | <b>1764 NLI-83</b>   | 2CKA001731A1948 | 10     |
| studio white  | <b>1764 NLI-84</b>   | 2CKA001731A1877 | 10/100 |
| studio white, matt <sup>3)</sup>  | <b>1764 NLI-884</b>  | 2CKA001731A1985 | 10     |
| black matt <sup>3)</sup>  | <b>1764 NLI-885</b>  | 2CKA001731A1982 | 10     |
| red RAL 3020  | <b>1764 NLI-12-82-101</b>  | 2CKA001731A4011 | 10     |
| Green, RAL 6032   | <b>1764 NLI-13-82</b>  | 2CKA001731A4007 | 10/100 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

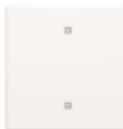
<sup>3)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With imprint >0< and >1<.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1788-81</b>   | 2CKA001751A2927 | 10     |
| ivory white   | <b>1788-82</b>   | 2CKA001751A2742 | 10     |
| aluminium silver <sup>1)</sup>  | <b>1788-83</b>   | 2CKA001751A2954 | 10     |
| studio white  | <b>1788-84</b>   | 2CKA001751A2750 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1788-884</b>  | 2CKA001751A3028 | 10     |
| black matt <sup>1)</sup>  | <b>1788-885</b>  | 2CKA001751A3042 | 10     |


<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch rocker with marking with small red spherical cap</b><br>With >Heating< imprint.<br>As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.<br>As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1789 H-81</b>  | 2CKA001751A2929 | 10       |
| ivory white   | <b>1789 H-82</b>  | 2CKA001751A2743 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1789 H-83</b>  | 2CKA001751A2955 | 10       |
| studio white  | <b>1789 H-84</b>  | 2CKA001751A2751 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1789 H-884</b>   | 2CKA001751A3029 | 10       |
| black matt <sup>1)</sup>  | <b>1789 H-885</b>   | 2CKA001751A3043 | 10       |

<sup>1)</sup> Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker el. push-switch. |                 |    |
| anthracite   | <b>2570-10-81</b>   | 2CKA001751A3261 | 10 |
| ivory white  | <b>2570-10-82</b>   | 2CKA001751A3263 | 10 |
| aluminium silver <sup>1)</sup>   | <b>2570-10-83</b>   | 2CKA001751A3259 | 10 |
| studio white   | <b>2570-10-84</b>   | 2CKA001751A3258 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2570-10-884</b>  | 2CKA001751A3260 | 10 |
| black matt <sup>1)</sup>   | <b>2570-10-885</b>  | 2CKA001751A3262 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 2g el. push-switch. |                 |    |
| anthracite  | <b>2570-20-81</b>  | 2CKA001751A3272 | 10 |
| ivory white   | <b>2570-20-82</b>  | 2CKA001751A3274 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2570-20-83</b>  | 2CKA001751A3270 | 10 |
| studio white  | <b>2570-20-84</b>  | 2CKA001751A3269 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2570-20-884</b>   | 2CKA001751A3271 | 10 |
| black matt <sup>1)</sup>  | <b>2570-20-885</b>   | 2CKA001751A3273 | 10 |


<sup>1)</sup> Surface painted.


## future® linear


### Rocker switches / push switches


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker 3g el. push-switch. |                 |          |
| anthracite  | <b>2570-30-81</b>  | 2CKA001751A3283 | 10       |
| ivory white   | <b>2570-30-82</b>  | 2CKA001751A3285 | 10       |
| aluminium<br>silver <sup>1)</sup>   | <b>2570-30-83</b>  | 2CKA001751A3281 | 10       |
| studio white  | <b>2570-30-84</b>  | 2CKA001751A3280 | 10       |
| studio white,<br>matt <sup>1)</sup>   | <b>2570-30-884</b>   | 2CKA001751A3282 | 10       |
| black matt <sup>1)</sup>  | <b>2570-30-885</b>   | 2CKA001751A3284 | 10       |

<sup>1)</sup> Surface painted.


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>El. push-switch insert. |                 |    |
|  | <b>2051 U</b>  | 2CKA001413A1115 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch insert 2g. |                 |    |
|   | <b>2052 U</b>  | 2CKA001413A1116 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Flush Mounted Inserts Black</b><br>El. push-switch ins. 3g. |                 |    |
|   | <b>2053 U</b>  | 2CKA001413A1117 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate</b><br>For card switch.<br>For insert 2025 U.<br>Suitable for cards sized 54 x 86 mm.<br>The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1792-81</b>   | 2CKA001710A3639 | 10 |
| ivory white   | <b>1792-82</b>   | 2CKA001710A3640 | 10 |
| aluminium<br>silver <sup>1)</sup>   | <b>1792-83</b>   | 2CKA001710A3670 | 10 |
| studio white  | <b>1720-84</b>   | 2CKA001731A1916 | 10 |
| studio white,<br>matt <sup>1)</sup>   | <b>1792-884</b>  | 2CKA001710A3928 | 10 |
| black matt <sup>1)</sup>  | <b>1792-885</b>  | 2CKA001710A3905 | 10 |

<sup>1)</sup> Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Card switch 10 A <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>Illuminable.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2025 U</b>  | 2CKA001012A1713 | 10       |

**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.


**delivery form:** Adapter plate APBS to be ordered separate.

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>CoverPlates (partly incl. Insert) Hotel application C-plate, card switch RFID.</b> |                 |    |
| anthracite  | <b>1792 RFID-81</b>   | 2CKA001710A4130 | 10 |
| ivory white   | <b>1792 RFID-82</b>   | 2CKA001710A4132 | 10 |
| aluminium<br>silver <sup>1)</sup>   | <b>1792 RFID-83</b>   | 2CKA001710A4128 | 10 |
| studio white  | <b>1792 RFID-84</b>   | 2CKA001710A4127 | 10 |
| studio white,<br>matt <sup>1)</sup>   | <b>1792 RFID-884</b>  | 2CKA001710A4129 | 10 |
| black matt <sup>1)</sup>  | <b>1792 RFID-885</b>  | 2CKA001710A4131 | 10 |

<sup>1)</sup> Surface painted.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts Black</b><br>Card switch insert RFID. |                 |    |
|   | <b>2025 RFID U</b>  | 2CKA001012A2242 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.<br><b>DO NOT DISTURB</b><br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1786/11-81</b>   | 2CKA001751A3207 | 10 |
| ivory white   | <b>1786/11-82</b>   | 2CKA001751A2997 | 10 |
| aluminium<br>silver <sup>1)</sup>   | <b>1786/11-83</b>   | 2CKA001751A3001 | 10 |
| studio white  | <b>1786/11-84</b>   | 2CKA001751A2998 | 10 |
| studio white,<br>matt <sup>1)</sup>   | <b>1786/11-884</b>  | 2CKA001751A3026 | 10 |
| black matt <sup>1)</sup>  | <b>1786/11-885</b>  | 2CKA001751A3040 | 10 |


<sup>1)</sup> Surface painted.

## future® linear


### Rocker switches / push switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>For flush-mounted switch 2g 1w, 2g push switch.<br>DO NOT DISTURB<br>MAKE UP ROOM<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1785/11-81</b>  | 2CKA001751A3205 | 10       |
| ivory white   | <b>1785/11-82</b>  | 2CKA001751A2991 | 10       |
| aluminium<br>silver <sup>1)</sup>   | <b>1785/11-83</b>  | 2CKA001751A2995 | 10       |
| studio white  | <b>1785/11-84</b>  | 2CKA001751A2992 | 10       |
| studio white,<br>matt <sup>1)</sup>   | <b>1785/11-884</b>   | 2CKA001751A3023 | 10       |
| black matt <sup>1)</sup>  | <b>1785/11-885</b>   | 2CKA001751A3037 | 10       |

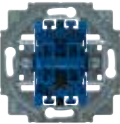
<sup>1)</sup> Surface painted.

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|  | <b>Switch rocker with marking</b><br>As cover for flush-mounted rocker control switch insert,<br>DND/MUR.<br>DO NOT DISTURB<br>MAKE UP ROOM<br>Protection class (Device): IP 20 |                 |          |
| anthracite   | <b>1785/11 K-81</b>   | 2CKA001751A3212 | 10       |
| ivory white  | <b>1785/11 K-82</b>   | 2CKA001751A3214 | 10       |
| aluminium<br>silver <sup>1)</sup>  | <b>1785/11 K-83</b>   | 2CKA001751A3210 | 10       |
| studio white   | <b>1785/11 K-84</b>   | 2CKA001751A3209 | 10       |
| studio white,<br>matt <sup>1)</sup>  | <b>1785/11 K-884</b>  | 2CKA001751A3211 | 10       |
| black matt <sup>1)</sup>   | <b>1785/11 K-885</b>  | 2CKA001751A3213 | 10       |

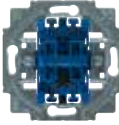
<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Rocker DND/MUR electronic. |                 |          |
| studio white  | <b>2058-24-84</b>  | 2CKA001751A3220 | 10       |
| aluminium<br>silver <sup>1)</sup>   | <b>2058-24-83</b>  | 2CKA001751A3221 | 10       |
| studio white,<br>matt <sup>1)</sup>   | <b>2058-24-884</b>   | 2CKA001751A3222 | 10       |
| anthracite  | <b>2058-24-81</b>  | 2CKA001751A3223 | 10       |
| black matt <sup>1)</sup>  | <b>2058-24-885</b>   | 2CKA001751A3224 | 10       |
| ivory white   | <b>2058-24-82</b>  | 2CKA001751A3225 | 10       |


<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker switch insert DND/MUR <sup>1)</sup></b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2028 UK</b>  | 2CKA001012A2240 | 10/100   |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker switch insert DND/MUR <sup>1)</sup></b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
|   | <b>2028/12 UK</b>  | 2CKA001012A2241 | 10/100   |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Flush Mounted Inserts</b><br>El. push-switch DND/MUR. |                 |          |
|   | <b>2058 UK</b>   | 2CKA001413A1114 | 10/100   |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Bell push-switch DND/MUR 230 V <sup>1)</sup></b><br>with LED,<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
| anthracite  | <b>2029 UC-81</b>   | 2CKA001751A3167 | 1        |
| ivory white   | <b>2029 UC-82</b>   | 2CKA001751A3168 | 1        |
| aluminium<br>silver <sup>2)</sup>   | <b>2029 UC-83</b>   | 2CKA001751A3169 | 1        |
| studio white  | <b>2029 UC-84</b>   | 2CKA001751A3170 | 1        |
| studio white,<br>matt <sup>2)</sup>   | <b>2029 UC-884</b>  | 2CKA001751A3172 | 1        |
| black matt <sup>2)</sup>  | <b>2029 UC-885</b>  | 2CKA001751A3173 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Surface painted.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Bell push-switch DND/MUR 24 V <sup>1)</sup></b><br>with LED,<br>Rated voltage: 24 V<br>Rated current: 6 A<br>Protection class (Device): IP 20<br>IEC 60669-1 |                 |          |
| anthracite  | <b>2029/12 UC-81</b>  |                 | 1        |
| ivory   | <b>2029/12 UC-82</b>  | 2CKA001751A3236 | 1        |
| aluminium<br>silver <sup>2)</sup>   | <b>2029/12 UC-83</b>  | 2CKA001751A3232 | 1        |
| studio white  | <b>2029/12 UC-84</b>  | 2CKA001751A3231 | 1        |
| studio white,<br>matt <sup>2)</sup>   | <b>2029/12 UC-884</b>   | 2CKA001751A3233 | 1        |
| black matt <sup>2)</sup>  | <b>2029/12 UC-885</b>   | 2CKA001751A3235 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Surface painted.

## future® linear


### Rocker switches / push switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>Bell push-switch DND/MUR. |                 |          |
| studio white  | <b>2059 UC-84</b>   | 2CKA001751A3240 | 1        |
| aluminium silver <sup>1)</sup>  | <b>2059 UC-83</b>   | 2CKA001751A3241 | 1        |
| studio white, matt <sup>1)</sup>  | <b>2059 UC-884</b>  | 2CKA001751A3242 | 1        |
| anthracite  | <b>2059 UC-81</b>   | 2CKA001751A3243 | 1        |
| black matt <sup>1)</sup>  | <b>2059 UC-885</b>  | 2CKA001751A3244 | 1        |
| ivory white   | <b>2059 UC-82</b>   | 2CKA001751A3245 | 1        |


<sup>1)</sup>Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Pull switch <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
|  | <b>2020/01 US-101</b>  | 2CKA001413A1112 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Pull switch <sup>1)</sup></b><br><b>SP, break contact</b><br>With 2-metre pull cord, red handle, and red neon indicator.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
|   | <b>2020/10 US-101</b>   | 2CKA001413A1111 | 10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup></b><br><b>for pull switch 2610/6 UC-xx, 2610/6 UJ-xx</b><br>With screw-type terminal<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1796-81</b>  | 2CKA001753A0308 | 10 |
| ivory white   | <b>1796-82</b>  | 2CKA001753A0309 | 10 |
| aluminium silver <sup>2)</sup>  | <b>1796-83</b>  | 2CKA001753A0310 | 10 |
| studio white  | <b>1796-84</b>  | 2CKA001753A0311 | 10 |
| studio white, matt <sup>2)</sup>  | <b>1796-884</b>   | 2CKA001753A0313 | 10 |
| black matt <sup>2)</sup>  | <b>1796-885</b>   | 2CKA001753A0314 | 10 |

<sup>1)</sup> Exchanging the available cover/cover plate.

<sup>2)</sup> Surface painted.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br><b>open for red pull switch neon indicator</b><br>For pull switch 2020/xx US.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1720-81</b>   | 2CKA001731A1914 | 10       |
| ivory white   | <b>1720-82</b>   | 2CKA001731A1915 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1720-83</b>   | 2CKA001731A1949 | 10       |
| studio white  | <b>1720-84</b>   | 2CKA001731A1916 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1720-884</b>  | 2CKA001731A1979 | 10       |
| black matt <sup>1)</sup>  | <b>1720-885</b>  | 2CKA001731A1981 | 10       |

<sup>1)</sup>Surface painted.

|  |   |                 |      |
|--|---|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup></b><br><b>SP, with zero position</b><br>With zero position.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|  | <b>2710 U</b>   | 2CKA001101A0918 | 1/10 |

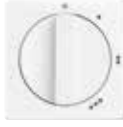
<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.

<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Three-step rotary switch <sup>1)</sup> <sup>2)</sup></b><br><b>SP, without zero position</b><br>Without zero position.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2710/1 U</b>   | 2CKA001101A0919 | 1/10 |

<sup>1)</sup> Install only in conjunction with wall boxes ø 60 mm.


<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate</b><br><b>with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch.<br>With zero position.<br>For insert 2710 U.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2542 DR/01-81</b>  | 2CKA001710A3644 | 10 |
| ivory white   | <b>2542 DR/01-82</b>  | 2CKA001710A3645 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2542 DR/01-83</b>  | 2CKA001710A3671 | 10 |
| studio white  | <b>2542 DR/01-84</b>  | 2CKA001710A3646 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2542 DR/01-884</b>   | 2CKA001710A3890 | 10 |
| black matt <sup>1)</sup>  | <b>2542 DR/01-885</b>   | 2CKA001710A3913 | 10 |

<sup>1)</sup>Surface painted.


## future® linear


### Rocker switches / push switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate with rotary control, with marking</b><br>As cover for flush mounted three-step rotary switch. Without zero position. For insert 2710/1 U. Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2542 DR/02-81</b>  | 2CKA001710A3649 | 10       |
| ivory white   | <b>2542 DR/02-82</b>  | 2CKA001710A3650 | 10       |
| aluminium silver <sup>1)</sup>  | <b>2542 DR/02-83</b>  | 2CKA001710A3672 | 10       |
| studio white  | <b>2542 DR/02-84</b>  | 2CKA001710A3651 | 10       |
| studio white, matt <sup>1)</sup>  | <b>2542 DR/02-884</b>   | 2CKA001710A3891 | 10       |
| black matt <sup>1)</sup>  | <b>2542 DR/02-885</b>   | 2CKA001710A3914 | 10       |

<sup>1)</sup>Surface painted.

### Dimmers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Comprising Friends of Hue smart switch insert</b><br>Comprising 2gang rocker 6736 FoH-8xx for Friends of Hue smart switch. Consisting of 1gang future® linear cover frames. Comprising fixing plate and intermediate ring. Smarter light switches for wireless remote control of Philips Hue lamps For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. |                 |          |
|   | <b>6716 UJ-84-500</b>  | 2CKA006710A0011 | 1        |
|   | <b>6716 UJ-885-500</b>   | 2CKA006710A0018 | 1        |

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Friends of Hue smart switch insert Wall-mounted transmitter, 2 / 4 channel.</b><br>For smart switch rockers 6735 BT-8xx and 6736 FoH-8xx. Smarter light switches for wireless remote control of Philips Hue lamps. For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Including fixing plate for mounting on smooth walls or on switch boxes. |                 |   |
|  | <b>6716 U-500</b>   | 2CKA006710A0014 | 1 |
| BT smart switch insert (SF)  | <b>6716 UBT</b>   | 2CKA006710A0015 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>1gang rocker for Friends of Hue and Bluetooth (Casambi)</b><br>Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. |                 |   |
| anthracite  | <b>6735 BT-81</b>  | 2CKA006730A0142 | 1 |
| beige   | <b>6735 BT-82</b>  | 2CKA006730A0143 | 1 |
| aluminium   | <b>6735 BT-83</b>  | 2CKA006730A0144 | 1 |
| white   | <b>6735 BT-84</b>  | 2CKA006730A0145 | 1 |
| white   | <b>6735 BT-884</b>   | 2CKA006730A0149 | 1 |
| black   | <b>6735 BT-885</b>   | 2CKA006730A0150 | 1 |

# future® linear

## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker</b><br>For Friends of Hue smart switch insert 6716 U-500. Combinable with the Busch-Jaeger switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. |                 |          |
| anthracite  | <b>6736 FoH-81</b>  | 2CKA006730A0133 | 1        |
| ivory white   | <b>6736 FoH-82</b>  | 2CKA006730A0134 | 1        |
| aluminium silver <sup>1)</sup>  | <b>6736 FoH-83</b>  | 2CKA006730A0135 | 1        |
| studio white  | <b>6736 FoH-84</b>  | 2CKA006730A0136 | 1        |
| studio white, matt <sup>1)</sup>  | <b>6736 FoH-884</b>   | 2CKA006730A0140 | 1        |
| black matt <sup>1)</sup>  | <b>6736 FoH-885</b>   | 2CKA006730A0141 | 1        |

<sup>1)</sup>Surface painted.




**Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> <sup>7)</sup> <sup>8)</sup> <sup>9)</sup>**  
**Flush-mounted, LED, 2-100 W**  
 With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.  
 For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.  
 Mix operator of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.  
 Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With adjustable minimum brightness. Without cover plate.  
 Rated voltage: 230 V~, + 10% / - 10%  
 Rated frequency: 50 Hz/60 Hz  
 Nominal power: 2 - 100 W/VA (retrofit LED loads).  
 Nominal power: 10 - 250 W/VA (non-LED loads).  
 Protection class (Device): IP 20  
 Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1



|                       |                 |      |
|-----------------------|-----------------|------|
| <b>6523 U-102-500</b> | 2CKA006512A0335 | 1/10 |
|-----------------------|-----------------|------|

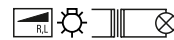
- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- <sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.
- <sup>3)</sup> In case of electronic transformers, 5 % transformer losses.
- <sup>4)</sup> Also applicable for 1gang 2way installations.
- <sup>5)</sup> Provided with terminal for net disconnection devices.
- <sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- <sup>7)</sup> Recommendation: Please use loads and types of one producer.
- <sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.
- <sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> <sup>7)</sup> <sup>8)</sup> <sup>9)</sup></b><br><b>UP, LED, 2-400 W</b><br>Very small installation depth: < 20 mm<br>Without claws. With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operator of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum/maximum brightness. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without cover plate. Rated voltage: 230 V~, + 10% / - 10%. Rated frequency: 50 Hz/60 Hz. Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control) Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|   | <b>6523 UR-103-500</b>   | 2CKA006512A0345 | 1/10     |

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- <sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.
- <sup>3)</sup> In case of electronic transformers, 5 % transformer losses.
- <sup>4)</sup> Also applicable for 1gang 2way installations.
- <sup>5)</sup> Provided with terminal for net disconnection devices.
- <sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- <sup>7)</sup> Recommendation: Please use loads and types of one producer.
- <sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.
- <sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.



**Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup>**  
**UP, RL, 200-700 W**  
 With rotary control, 2way On-Off switching and soft-catch. Leading Edge control.  
 For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.  
 Short-circuit-proof, overload-protected. With adjustable minimum brightness. Without cover plate. Without claws.  
 Rated voltage: 230 V~, +10 % / -10 %  
 Rated frequency: 50 Hz  
 Rated power: 200 - 700 W/VA  
 IEC 60669-2-1, British Standard EN 60669-2-1




|                   |                 |      |
|-------------------|-----------------|------|
| <b>6520 U-500</b> | 2CKA006520A0227 | 1/10 |
|-------------------|-----------------|------|

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- <sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.
- <sup>3)</sup> Provided with terminal for net disconnection devices.
- <sup>4)</sup> Also applicable for 1gang 2way installations.
- <sup>5)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- <sup>6)</sup> Should be mounted in a separate wallbox.

## future® linear

### Dimmers


| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup><br/>flush mounted, 1-10V</b><br/>With rotary control.<br/>For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.<br/>For LED control via control gears<br/>Without cover plate.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Rated power: 700 W/VA<br/>IEC 60669-2-1, British Standard EN 60669-2-1</p> | <b>2112 U-101-500</b> | 2CKA006599A2873 | 1/10     |

<sup>1)</sup> Non-illuminable.


<sup>2)</sup> Use cover plates 2115 J-.../2115-.../6540-...

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>4)</sup> Making-current limiters have to be provided in case of too high making currents.

|   |               |                 |   |
|---|---------------|-----------------|---|
|  <p><b>Busch-rotary dimmer <sup>1)</sup><br/>Flush-mounted, DALI, tunable white</b><br/>For DALI broadcast service (via central telegram).<br/>For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>With rotary control and ON/OFF push operation.<br/>Fool proved.<br/>For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>Colour temperature can then be set between 2,700 K - 6,500 K.<br/>Brightness power-on level and background brightness level adjustable, buffered.<br/>With integrated LED illumination for orientation.<br/>Color of orientation light adjustable (18 presets and OFF).<br/>Up to 5 potentiometers are connectable in parallel.<br/>Max. current consumption: 15 mA.<br/>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.<br/>Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>Without cover plate.<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>2116 U</b> | 2CKA006599A3025 | 1 |
|---|---------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup><br/>Flush-mounted, DALI, with internal power supply, tunable white</b><br/>For DALI broadcast service (via central telegram).<br/>With integrated DALI power adaptor. For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With rotary control and ON/OFF push operation. For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>Colour temperature can then be set between 2,700 K - 6,500 K. With electronic short-circuit protection.<br/>With electronic overload protection. Brightness power-on level and background brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.<br/>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>DALI-voltage: 15,5 V=<br/>Rated current: max. 75 mA<br/>Power consumption: &lt; 2,5 W<br/>Number of DALI-units:<br/>37 in case of one active power-potentiometer<br/>in case of three active power-potentiometer in parallel connection: 111<br/>Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>Passive mode: the potentiometer is suitable as additional operation point.<br/>Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>Without cover plate.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>2116/11 U</b> | 2CKA006599A3026 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>Busch-rotary dimmer <sup>1)</sup><br/>flush mounted, DALI</b><br/>For DALI broadcast service (via central telegram).<br/>For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With rotary control and ON/OFF push operation. Fool proved. Brightness power-on level and background brightness level adjustable, buffered.<br/>With integrated LED illumination for orientation.<br/>Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA.<br/>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.<br/>Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>Without cover plate.<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °C</p> | <b>2117 U-500</b> | 2CKA006599A2987 | 1 |
|--|-------------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)





## future® linear

### Dimmers

| Product   | Article-No.          | Order-No.       | Pack/Qty |
|---|----------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI, with internal power supply</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices<br/>           like electronic ballasts and transformers with DALI-<br/>           interface.<br/>           With rotary control and ON/OFF push operation.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and backround brightness<br/>           level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and<br/>           OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in<br/>           active mode.<br/>           Not suitable for combining with other DALI sensors or<br/>           central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel<br/>           connection: 111<br/>           Active mode: the potentiometer is supporting the<br/>           necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as<br/>           additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2117/11 U-500</b> | 2CKA006599A2988 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                       |                 |   |
|--|-----------------------|-----------------|---|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>LED, complete set</b><br/>           Consisting of Busch LED rotary dimmer 6523 U-102.<br/>           Consisting of the cover plate with rotary knob 6540-84-<br/>           102.<br/>           Cover frame design future® linear 1721-184K.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1,<br/>           British Standard EN 60669-2-1</p>  | <b>6523 UJ-84-102</b> | 2CKA006512A0350 | 1 |
|--|-----------------------|-----------------|---|

<sup>1)</sup> Recommendation: Please use loads and types of one producer.


<sup>2)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>3)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.        | Order-No.       | Pack/Qty                         |
|---|--------------------|-----------------|----------------------------------|
|  <p><b>Cover plate <sup>1)</sup></b><br/> <b>with rotary knob, with indication lamp</b><br/>           Elevated knob.<br/>           With transparent luminous ring.<br/>           For Busch-Dimmer®.<br/>           For inserts<br/>           2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/<br/>           6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.</p> | <b>6540-81-102</b> | 2CKA006599A2950 | 10                               |
|   | <b>6540-82-102</b> | 2CKA006599A2951 | 10/100                           |
| <b>6540-83-102</b>  | 2CKA006599A2952    | 10/100          | silver <sup>2)</sup>             |
| <b>6540-84-102-500</b>  | 2CKA006599A3009    | 10/100          | studio white                     |
| <b>6540-884-102</b>   | 2CKA006599A2961    | 10/100          | studio white, matt <sup>2)</sup> |
| <b>6540-885-102</b>   | 2CKA006599A2966    | 10/100          | black matt <sup>2)</sup>         |

<sup>1)</sup> Replacement neon lamp, Art. No. 3855.

<sup>2)</sup> Surface painted.


|  |                    |                 |                                  |
|--|--------------------|-----------------|----------------------------------|
|  <p><b>Control element <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>with neon lamp</b><br/>           Can be combined with LED dimmer 6524 U, and 6526 U,<br/>           Busch-Universal touch-type controller 6550 U-10x,<br/>           Busch-Memory touch dimmer 6560 U-101, Busch-<br/>           Universal-Dimmer® 6593 U, Busch-Universal relay insert<br/>           6401 U-10x, Busch-Universal 2gang insert 6402 U.</p> | <b>6543-81-101</b> | 2CKA006599A2881 | 1/10                             |
|  | <b>6543-82-101</b> | 2CKA006599A2831 | 1/10                             |
| <b>6543-83-101</b>   | 2CKA006599A2887    | 1/10            | aluminium silver <sup>4)</sup>   |
| <b>6543-84-101-500</b>   | 2CKA006599A3010    | 1/10            | studio white                     |
| <b>6543-884-101</b>  | 2CKA006599A2963    | 1/10            | studio white, matt <sup>4)</sup> |
| <b>6543-885-101</b>  | 2CKA006599A2968    | 1/10            | black matt <sup>4)</sup>         |

<sup>1)</sup> Compatible with previous type 6543-xxx.

<sup>2)</sup> Touch-type Controller 6550 U-xxx non-illuminable.

<sup>3)</sup> Replacement neon lamp 3857.

<sup>4)</sup> Surface painted.

|   |                 |                 |                                  |
|---|-----------------|-----------------|----------------------------------|
|  <p><b>Cover plate</b><br/> <b>for cooling element</b><br/>           For Busch-Universal master dimmer power module<br/>           6594 U.<br/>           For KNX room temperature controller object 6109/08.</p> | <b>6541-81</b>  | 2CKA006599A2882 | 10                               |
|   | <b>6541-82</b>  | 2CKA006599A2832 | 10                               |
| <b>6541-83</b>  | 2CKA006599A2885 | 10              | aluminium silver <sup>1)</sup>   |
| <b>6541-84</b>  | 2CKA006599A2835 | 10              | studio white                     |
| <b>6541-884</b>   | 2CKA006599A2962 | 10              | studio white, matt <sup>1)</sup> |
| <b>6541-885</b>   | 2CKA006599A2967 | 10              | black matt <sup>1)</sup>         |

<sup>1)</sup> Surface painted.

## future® linear

### Dimmers

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang<sup>1)</sup> 2) 3) 4) 5) 6)</b> FM, LED, 3-240 VA<br/>2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.


<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>4)</sup> Recommendation: Please use loads and types of one producer.


<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

|   |                  |                 |   |
|---|------------------|-----------------|---|
|  <p><b>Control element, 1 gang flex</b><br/>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>64711-500</b> | 2CKA006400A0099 | 1 |
|---|------------------|-----------------|---|

| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Control element, 1 gang, flex wireless</b><br/>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>62711-WL-500</b> | 2CKA006200A0281 | 1        |


|   |                  |                 |   |
|---|------------------|-----------------|---|
|  <p><b>Flex control element, 2 gang flex</b><br/>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>64721-500</b> | 2CKA006400A0101 | 1 |
|---|------------------|-----------------|---|


|   |                     |                 |   |
|---|---------------------|-----------------|---|
|  <p><b>Control element, 2 gang, flex wireless</b><br/>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.</p> | <b>62721-WL-500</b> | 2CKA006200A0283 | 1 |
|---|---------------------|-----------------|---|

|                  | Rocker<br>1gang, with "Dimmer" icon                                |                 |   |
|------------------|--|-----------------|---|
|                  | As cover for ABB-free@home® sensor units and sensor/actuator units |                 |   |
| anthracite       | SRD-1-81   | 2CKA006220A0149 | 1 |
| ivory white      | SRD-1-82   | 2CKA006220A0520 | 1 |
| aluminium silver | SRD-1-83   | 2CKA006220A0150 |   |
| studio white     | SRD-1-84   | 2CKA006220A0151 | 1 |
| studiowhite matt | SRD-1-884  | 2CKA006220A0605 | 1 |
| black matt       | SRD-1-885  | 2CKA006220A0622 | 1 |


## future® linear

### Movement detectors

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker<br/>2gang left, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/<br>actuator units |                 |          |
| anthracite  | SRD-2-L-81   | 2CKA006220A0164 | 1        |
| ivory white   | SRD-2-L-82   | 2CKA006220A0525 | 1        |
| aluminium<br>silver   | SRD-2-L-83   | 2CKA006220A0165 | 1        |
| studio white  | SRD-2-L-84   | 2CKA006220A0166 | 1        |
| studiowhite<br>matt   | SRD-2-L-884  | 2CKA006220A0610 | 1        |
| black matt  | SRD-2-L-885  | 2CKA006220A0627 | 1        |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Rocker<br/>2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/<br>actuator units |                 |   |
| anthracite   | SRS-2-R-81   | 2CKA006220A0173 | 1 |
| ivory white  | SRS-2-R-82   | 2CKA006220A0528 | 1 |
| aluminium<br>silver  | SRS-2-R-83   | 2CKA006220A0174 | 1 |
| studio white   | SRS-2-R-84   | 2CKA006220A0175 | 1 |
| studiowhite<br>matt  | SRS-2-R-884  | 2CKA006220A0613 | 1 |
| black matt   | SRS-2-R-885  | 2CKA006220A0630 | 1 |








| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Proximity switch</b><br>3 wire connection (neutral conductor required).<br>Relay insert with proximity sensor.<br>For contactless ON/OFF switching of electric loads, e.g.<br>lights.<br>For switching incandescent lamps, 230 V tungsten<br>halogen lamps, fluorescent lamps and low-voltage<br>halogen lamps, that are actuated via transformers.<br>Switches when detecting an approach at < approx. 5 cm.<br>Operation also possible via conventional push buttons<br>(2020 US, 2021/6 UK).<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps, 230 V halogen<br>lamps, fluorescent lamps and low-voltage halogen<br>lamps, that are operated via transformers.<br>Rated current: 10 AX<br>Rated power: 2300 W/VA<br>Temperature range (Device): -25 °C to 55 °C<br>British Standard EN 60669-2-1 |                 |          |
|   | <b>6406 U</b>   | 2CKA006400A0034 | 1        |

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Cover plate<br/>Proximity switch</b><br>For proximity switch 6406 U. |                 |      |
| anthracite  | <b>6476-81</b>  | 2CKA006470A0007 | 1/10 |
| ivory white   | <b>6476-82</b>  | 2CKA006470A0003 | 10   |
| aluminium<br>silver <sup>1)</sup>   | <b>6476-83</b>  | 2CKA006470A0008 | 10   |
| studio white  | <b>6476-84</b>  | 2CKA006470A0004 | 10   |
| studio white,<br>matt <sup>1)</sup>   | <b>6476-884</b>   | 2CKA006470A0010 | 10   |
| black matt <sup>1)</sup>  | <b>6476-885</b>   | 2CKA006470A0011 | 10   |








<sup>1)</sup>Surface painted.

## future® linear








### Movement detectors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Relay insert flex, 1gang <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required).<br/>           For switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Comfort switch flex control element 64765-...<br/>           For Busch-Watchdog 180 flex sensors 6476x-...<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz. Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical. Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps. Rated power: 2300 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 2300 VA<br/>           Temperature range (Device): -25 °C to 55 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>       | <b>64811 U-500</b> | 2CKA006800A3042 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>Relay insert flex, 2gang <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required).<br/>           For switching lighting systems.<br/>           For switching two independent load circuits.<br/>           For controlling light and ventilation systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Comfort switch flex control element 64765-...<br/>           For Busch-Watchdog 180 flex sensors 6476x-...<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 2<br/>           Outputs: 2x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical. Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 1840 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 1150 VA<br/>           Temperature range (Device): -25 °C to 55 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>       | <b>64821 U-500</b> | 2CKA006800A3045 | 1 |
|---|--------------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>e-contact insert flex, 1gang <sup>1) 2)</sup></b><br/>           2-wire connection (neutral conductor not required)<br/>           Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA).<br/>           For switching lighting systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Watchdog 180 flex sensors 6476x-...<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 3 - 240 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 10 - 240 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 3 - 240 VA<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>       | <b>64814 U-500</b> | 2CKA006800A3048 | 1        |

<sup>1)</sup> Use only dimmable high-voltage LEDs.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## future® linear

### Movement detectors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> FM, LED, 3-240 VA</b><br/>           2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



<sup>4)</sup> Recommendation: Please use loads and types of one producer.

<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.


|  |                    |                 |   |
|--|--------------------|-----------------|---|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Combinable with all flex inserts. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Control/Signal outputs: 1, electronic output, potential-bound. Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1 |
|--|--------------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.               | Order-No.       | Pack/Qty |
|---|---------------------------|-----------------|----------|
|  <p><b>CoverPlates (partly incl. Insert) Studio white</b><br/>           future® linear LED touch-dimmer insert with tapping control element, 2gang, wireless. Optimised for dimming of retrofit LED lamps (LEDi). Consisting of Flex touch dimmer insert, 64851 U. Consisting of rocker, 2gang left with &gt;Dimmer&lt; icon 6234-21-84. Consisting of future® linear cover frames, 1gang 1721-184K.</p>  | <b>62851 UJ-84-WL-500</b> | 2CKA006200A0295 | 1        |
| <p><sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)</p>  |                           |                 |          |
|  <p><b>Comfort switch flex sensor</b><br/>           Movement detector push-button switch combination. For switching lighting systems that depend on brightness and movement. Push switch function possible at all times. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. Compatible with all free@home flexTronics inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C.</p> | <b>64765-81-500</b>       | 2CKA006800A2883 |          |
|   | <b>64765-82-500</b>       | 2CKA006800A2885 |          |
|   | <b>64765-84-500</b>       | 2CKA006800A2889 |          |
|   | <b>64765-884-500</b>      | 2CKA006800A2893 |          |
|   | <b>64765-885-500</b>      | 2CKA006800A2895 |          |

## future® linear


### Movement detectors

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, basic sensor <sup>1) 2)</sup> with select-lens</b><br>Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m. Detection angle: 180°. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm |                 |          |
| anthracite  | <b>64761-81-500</b>   | 2CKA006800A2921 | 1        |
| ivory white   | <b>64761-82-500</b>   | 2CKA006800A2923 | 1        |
| studio white  | <b>64761-84-500</b>   | 2CKA006800A2927 | 1        |
| studio white, matt <sup>3)</sup>  | <b>64761-884-500</b>  | 2CKA006800A2931 | 1        |
| black matt <sup>3)</sup>  | <b>64761-885-500</b>  | 2CKA006800A2933 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.


<sup>3)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with select-lens</b><br>Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With continuous light/continuous Off function. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m. Detection angle: 180°. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm |                 |   |
| anthracite  | <b>64762-81-500</b>   | 2CKA006800A2958 | 1 |
| ivory white   | <b>64762-82-500</b>   | 2CKA006800A2960 | 1 |
| studio white  | <b>64762-84-500</b>   | 2CKA006800A2964 | 1 |
| studio white, matt <sup>3)</sup>  | <b>64762-884-500</b>  | 2CKA006800A2968 | 1 |
| black matt <sup>3)</sup>  | <b>64762-885-500</b>  | 2CKA006800A2970 | 1 |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.


<sup>3)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with multi-lens</b><br>Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. For detection down to the floor. For detection in stairwells. With 4 detection levels. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Adjusting elements on rear side. Multi-lens: suitable also for mounting heights of 2.20 m. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With continuous light/continuous Off function. With detection display in test mode. Surveillance density: 54 sectors with 224 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 31 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m. Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m. Detection angle: 180°. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m alternative: 2.2 m. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm x 45 mm |                 |          |
| anthracite  | <b>64764-81-500</b>  | 2CKA006800A2995 | 1        |
| ivory white   | <b>64764-82-500</b>  | 2CKA006800A2997 | 1        |
| studio white  | <b>64764-84-500</b>  | 2CKA006800A3001 | 1        |
| studio white, matt <sup>3)</sup>  | <b>64764-884-500</b>   | 2CKA006800A3005 | 1        |
| black matt <sup>3)</sup>  | <b>64764-885-500</b>   | 2CKA006800A3007 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.


<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

|   |   |                 |  |
|---|---|-----------------|--|
|  | <b>Comfort switch flex sensor</b><br>Ready-to-install movement detector push-button switch combination (set packaging). Consisting of relay insert flex, 1gang, 64811 U. Consisting of future® linear cover frames, 1gang 1721-184K. The range specifications refer only to an ambient temperature of 21°C. Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete) |                 |  |
|   | <b>64765 UJ-84-500</b>  | 2CKA006800A2914 |  |


## future® linear

### Movement detectors

| Product  | Article-No.            | Order-No.       | Pack/Qty |
|--|------------------------|-----------------|----------|
|  <p><b>Busch-Watchdog 180 flex 1) 2)</b><br/> <b>Complete set with Comfort sensor select lens and relay insert</b><br/>           Ready-to-install movement detector for flush-mounted installation (set packaged). Consisting of Busch-Watchdog 180 flex comfort sensor with select lens. Consisting of relay insert flex, 1gang, 64811 U. Consisting of future® linear cover frames, 1gang 1721-184K. Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz. Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical. Rated power: 300 VA. Suitable for: 230 V incandescent lamps/230 V halogen lamps. Rated power: 2300 W. Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 2300 VA. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br/>           Detection angle: 180°. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation.<br/>           Mounting height: 0.8 m - 1.2 m<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 80 mm x 80 mm x 48 mm<br/>           Mounting depth: 25 mm</p> | <b>64762 UJ-84-500</b> | 2CKA006800A2988 | 1        |
| studio white   | <b>64762 UJ-84-500</b> | 2CKA006800A2988 | 1        |


<sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                        |                 |   |
|--|------------------------|-----------------|---|
|  <p><b>Busch-Watchdog 180 flex 1) 2)</b><br/> <b>Complete set with Basic sensor multi-lens and relay insert</b><br/>           Ready-to-install movement detector for flush-mounted installation (set packaged). Consisting of Busch-Watchdog 180 flex, basic sensor. Consisting of relay insert flex, 1gang, 64811 U. Consisting of future® linear cover frames, 1gang 1721-184K.<br/>           Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps.<br/>           Rated power: 2300 W.<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 2300 VA.<br/>           Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m. Detection angle: 180°.<br/>           Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br/>           Mounting height: 0.8 m - 1.2 m<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 80 mm x 80 mm x 48 mm<br/>           Mounting depth: 25 mm</p> | <b>64761 UJ-84-500</b> | 2CKA006800A2951 | 1 |
| studio white   | <b>64761 UJ-84-500</b> | 2CKA006800A2951 | 1 |


<sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.            | Order-No.       | Pack/Qty |
|---|------------------------|-----------------|----------|
|  <p><b>Busch-Watchdog 180 flex 1) 2)</b><br/> <b>Complete set with Comfort sensor multi-lens and relay insert</b><br/>           Ready-to-install movement detector for flush-mounted installation (set packaged). Consisting of Busch-Watchdog 180 flex comfort sensor with multi-lens. Consisting of relay insert flex, 1gang, 64811 U. Consisting of future® linear cover frames, 1gang 1721-184K.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 2300 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 2300 VA<br/>           Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br/>           Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br/>           Detection angle: 180°<br/>           Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br/>           Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 80 mm x 80 mm x 57 mm<br/>           Mounting depth: 25 mm</p> | <b>64764 UJ-84-500</b> | 2CKA006800A3025 | 1        |
| studio white  | <b>64764 UJ-84-500</b> | 2CKA006800A3025 | 1        |

<sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |   |                 |    |
|--|---|-----------------|----|
|  <p><b>Key Switch Insert 1) 2) 3)</b><br/> <b>breaking circuit, 1-pole</b><br/>           For profile semi-cylindrical lock.<br/>           In switched-on and switched-off status the key can be pulled out in the central position, respectively.<br/>           Delivered without cylindrical lock.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 100 W<br/>           Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1</p> | <b>2733 USL-101</b>   | 2CKA001101A0914 | 10 |
| <b>Mounting boxes:</b>   | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |                 |    |
| <b>2gang product combinations:</b>   | 2gang combination with adapter plate APBS in Dual Box only. |                 |    |
| <b>neon indicator:</b>   | not applicable  |                 |    |
| <b>delivery form:</b>  | Adapter plate APBS to be ordered separate.                  |                 |    |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>3)</sup> See profile semi-cylindrical lock.


## future® linear

### Movement detectors

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br><b>SP, switch</b><br>With interlock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>2000/4 US-500</b>  | 2CKA001012A2197 | 10/100   |
|   | <b>2020/4 US-500</b>  | 2CKA001413A1103 | 10/100   |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br>With rotary knob/switch and push switch.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC 60669-1, British Standard EN 60669-1 |                 |    |
|   | <b>DP <sup>3)</sup></b>  |                 |    |
|   | <b>2712 U</b>  | 2CKA001101A0534 | 10 |
|   | <b>SP, N, E</b>  |                 |    |
|   | <b>2713 U</b>  | 2CKA001101A0542 | 10 |


|                                    |   |
|------------------------------------|---|
| <b>Mounting boxes:</b>             | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |
| <b>2gang product combinations:</b> | 2gang combination with adapter plate APBS in Dual Box only. |
| <b>neon indicator:</b>             | not applicable  |
| <b>delivery form:</b>              | Adapter plate APBS to be ordered separate.                  |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Also suitable for controlling direct voltage drives.


### Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup></b><br>With rotary knob/push button.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>IEC60669-1, British Standard EN 60669-1 |                 |          |
|   | <b>DP <sup>3)</sup></b>  |                 |          |
|   | <b>2722 U</b>  | 2CKA001101A0559 | 10       |
|   | <b>SP, N, E</b>  |                 |          |
|   | <b>2723 U</b>  | 2CKA001101A0567 | 10       |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Also suitable for controlling direct voltage drives.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Blind switch/push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br>For profile semi-cylindrical lock/switch and push-switch.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20<br>IEC60669-1, British Standard EN 60669-1 |                 |    |
|  | <b>DP <sup>5)</sup></b>  |                 |    |
|  | <b>2712 USL-101</b>  | 2CKA001101A0872 | 10 |
|  | <b>SP, N, E</b>  |                 |    |
|  | <b>2713 USL-101</b>  | 2CKA001101A0880 | 10 |


<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.

<sup>4)</sup> See semi-cylindrical lock.

<sup>5)</sup> Also suitable for controlling direct voltage drives.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br>For profile semi-cylindrical lock/push-button.<br>Delivered without cylindrical lock.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 20<br>British Standard EN 60669-1, IEC60669-1 |                 |    |
|   | <b>DP <sup>5)</sup></b>  |                 |    |
|   | <b>2722 USL-101</b>  | 2CKA001101A0898 | 10 |
|   | <b>SP, N, E</b>  |                 |    |
|   | <b>2723 USL-101</b>  | 2CKA001101A0906 | 10 |

<sup>1)</sup> For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

<sup>2)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.



<sup>4)</sup> See semi-cylindrical lock.



<sup>5)</sup> Also suitable for controlling direct voltage drives.




## future® linear

### Blind control / timers

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>DIN profile-semi cylindrical lock</b><br/>Acc. to German Standard DIN 18252.<br/>Total length 40 mm<br/>for blind switches and push switches<br/>For inserts 2712/2713/2722/2723/2733 USL-101 and<br/>2712/2733 SLW-5x.<br/>Protection class (Device): IP 20</p> <p><b>different lock mechanism, with 3 keys</b></p> <p><b>0520 PZ-VS</b>                      2CKA000470A0013    1/100</p> <p><b>lock mechanism, with 3 keys</b></p> <p><b>0521 PZ-GS</b>                      2CKA000470A0021    1/100</p>  |             |           |          |
|   |             |           |          |
|  <p><b>Blind compact timer</b><br/>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br/>Without extension unit input.<br/>Running time: 3 min<br/>N-busbar connection is required.<br/>For manual and time-controlled switching of blinds and roller blinds.<br/>Memory function for the simple storage of switching times.<br/>The controlled devices can be manually operated at any time.<br/>Simple setting via display with with segment display and background illumination.<br/>Factory pre-set switching times, individual adaptations are possible.<br/>2 switching times per day can be freely adjusted for each day of the week.<br/>Automatic switchover from summer time to winter time (switch-off function).<br/>Switching times and programs are safely stored in the event of a mains power failure.<br/>Power reserve for time and date &gt; 10 years.<br/>Simple toggling between manual/automatic/vacation modes.<br/>See the associated cover plates 6435-xx.<br/>Programming possible only with control element attached and energized.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 45 °C</p> <p><b>6422 U-500</b>                      2CKA006410A0410    1/10</p> |             |           |          |
|   |             |           |          |

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>Basic blind insert <sup>1)</sup> <sup>2)</sup></b><br/><b>2-wire blind insert</b><br/>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br/>Suitable for operation without neutral conductor.<br/>Without an extension input.<br/>For control cover 6430-xx-xxx.<br/>For standard timer control element 6456-101.<br/>Running time: 3 min<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 35 °C</p> <p><b>6418 U-500</b>                      2CKA006410A0376    1/10</p> <p><b>Mounting boxes:</b>              35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.</p> <p><b>2gang product combinations:</b>    2gang combination with adapter plate APBS in Dual Box only.</p> <p><sup>1)</sup> N-conductor connection required for operation with control cover 6430-7x, illuminated.<br/><sup>2)</sup> N-conductor connection may be required for operation with blind and roller blind drives with electronic limit switch shut-off. If no N-conductor is available, capacitor set 6498 can be used.</p> |             |           |          |
|   |             |           |          |
|  <p><b>Busch-Blind control II switch insert <sup>1)</sup></b><br/>Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off.<br/>With two 230 V multi-way input terminals (Up/Down) for group control.<br/>With operating mode switch for the following modes: normal, louvre, base station, position.<br/>With party function (disables the local control unit) in combination with Busch-Blind control II control cover 6430-xx-xxx, 6066-xx-xxx.<br/>Wind alarm, cleaning functions can be accommodated via extension input.<br/>For control cover 6430-xx-xxx.<br/>For IR control element 6066-xx-xxx.<br/>For comfort timer control element 6455-101-500.<br/>Running time: 3 min<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA</p> <p>Control/Signal outputs: 2<br/>Temperature range (Device): 0 °C to 35 °C</p> <p><b>6411 U-500-101</b>                  2CKA006410A0378    1/10</p>   |             |           |          |
|   |             |           |          |

<sup>1)</sup> Compatible with types 6411 U/x.




|   |  |  |  |
|---|--|--|--|
|  <p><b>Blind comfort timer, complete set</b><br/>Consisting of Busch-Blind control II insert 6411 U-101.<br/>Consisting of the comfort timer control element 6455-101.<br/>Cover frame design future® linear 1721-184K.<br/>Consisting of the future® linear cover plate for timer control element 6435-84.</p> <p>studio white    <b>6411 UJ-84-101</b>                  2CKA006410A0408    1</p> |  |  |  |
|   |  |  |  |

## future® linear

### Blind control / timers


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  <p><b>Blind compact timer, complete set</b><br/>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off. Without extension unit input. Consisting of blind compact timer 6422 U. Consisting of the future® linear cover plate for timer control element 6435-84. Consisting of future® linear cover frames, 1gang 1721-184K.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 2x Normally open contact<br/>Rated current: 3 A, cos φ 0.5<br/>Rated power: 690 VA<br/>Temperature range (Device): 0 °C to 45 °C</p> | <b>6422 UJ-84</b>   | 2CKA006410A0413 | 1        |
|  <p><b>Brightness sensor</b><br/>For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.</p>   | <b>6414-101</b>   | 2CKA006410A0389 | 1/10     |
|  <p><b>Sun sensor</b><br/>For insert 6411U/S-101. Measuring range: 5-50,000 lux.</p>   | <b>6482</b>   | 2CKA006410A0203 | 1        |
|  <p><b>Busch-Short-time timer insert <sup>1)</sup> countdown timer</b><br/>For time-programmed switching of electrical consumers. With control cover, without cover plate. Minimum timer time: 1 second. Maximum timer time: 9:59:59 hours. Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Outputs: 1x Normally open contact<br/>Rated current: 10 A, cos φ 1<br/>Rated power: 2300 VA<br/>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>   | <b>6465 U-101-500</b>                                       | 2CKA006410A0393 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |                 |          |
| <b>Cover frames:</b>  | 1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.    |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |                 |          |
| <b>neon indicator:</b>  | not applicable  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.               | Order-No.       | Pack/Qty |
|---|---------------------------|-----------------|----------|
|  <p><b>Rocker with marking</b><br/>As cover for flush-mounted blind control switch/push switch. For inserts 2000/4 and 2020/4 US. Protection class (Device): IP 20</p>   |                           |                 |          |
| anthracite  | <b>1785 JA-81</b>         | 2CKA001751A2934 | 10       |
| ivory white   | <b>1785 JA-82</b>         | 2CKA001751A2748 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1785 JA-83</b>         | 2CKA001751A2944 | 10/100   |
| studio white  | <b>1785 JA-84-500</b>     | 2CKA001751A3088 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1785 JA-884</b>        | 2CKA001751A3022 | 10       |
| black matt <sup>1)</sup>  | <b>1785 JA-885</b>        | 2CKA001751A3036 | 10       |
| <sup>1)</sup> Surface painted.  |                           |                 |          |
|  <p><b>Cover plate with rotary control, with marking</b><br/>As cover for flush-mounted blind control switch/push switch. For inserts 2712 U, 2713 U and 2722 U, 2723 U. Protection class (Device): IP 20</p>   |                           |                 |          |
| anthracite  | <b>1740-81</b>            | 2CKA001710A3623 | 10       |
| ivory white   | <b>1740-82</b>            | 2CKA001710A3154 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1740-83</b>            | 2CKA001710A3661 | 10       |
| studio white  | <b>1740-84</b>            | 2CKA001710A3172 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1740-884</b>           | 2CKA001710A3872 | 10       |
| black matt <sup>1)</sup>  | <b>1740-885</b>           | 2CKA001710A3894 | 10       |
| <sup>1)</sup> Surface painted.  |                           |                 |          |
|  <p><b>Cover plate <sup>1)</sup> with labelling field</b><br/>With marking. For half-cylindrical type switches and blind control switch/push-switch. For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101. Protection class (Device): IP 20</p> |                           |                 |          |
| anthracite  | <b>1755 SL/PZ-81-101</b>  | 2CKA001710A3626 | 10       |
| ivory white   | <b>1755 SL/PZ-82-101</b>  | 2CKA001710A3157 | 10       |
| aluminium silver <sup>2)</sup>  | <b>1755 SL/PZ-83-101</b>  | 2CKA001710A3662 | 10       |
| studio white  | <b>1755 SL/PZ-84-101</b>  | 2CKA001710A3175 | 10       |
| studio white, matt <sup>2)</sup>  | <b>1755 SL/PZ-884-101</b> | 2CKA001710A3925 | 10       |
| black matt <sup>2)</sup>  | <b>1755 SL/PZ-885-101</b> | 2CKA001710A3902 | 10       |
| <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> .   |                           |                 |          |
| <sup>2)</sup> Surface painted.  |                           |                 |          |

## future® linear

### Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Control element</b><br>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br>For basic blind insert 6418 U.<br>For Busch-Universal 2gang 1way insert 6402 U. |                 |          |
| anthracite  | <b>6430-81-102</b>   | 2CKA006430A0326 | 1/10     |
| ivory white   | <b>6430-82-102</b>   | 2CKA006430A0327 | 1/10     |
| aluminium silver <sup>1)</sup>  | <b>6430-83-102</b>   | 2CKA006430A0328 | 1/10     |
| studio white  | <b>6430-84-102-500</b>   | 2CKA006430A0400 | 1/10     |
| studio white, matt <sup>1)</sup>  | <b>6430-884-102</b>  | 2CKA006430A0385 | 1/10     |
| black matt <sup>1)</sup>  | <b>6430-885-102</b>  | 2CKA006430A0386 | 1/10     |

<sup>1)</sup> Surface painted.



#### Standard timer control element<sup>1)</sup>

For manual and time-controlled switching of blinds and roller blinds.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time.

Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Programming possible only with control element attached and energized.

2 switching times per day can be user-defined for each day of the week.


Astro switching times and switching times can be combined.

For basic blind insert 6418 U.

Temperature range (Device): 0 °C to 35 °C

**6456-101** 2CKA006410A0398 1/10

<sup>1)</sup> See respective cover plates 6435-xx.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Comfort timer control element<sup>1)</sup></b><br>For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices. With dusk to dawn program including (Astro-program). Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time. Simple setting via high-resolution display with background illumination. With preset switching times/date/time. Factory-set switching times can be individually adjusted. Automatic switchover from summer time to winter time (switch-off function). Switching times/programme are safely stored in the event of a mains power failure. Power reserve for time and date > 10 years. Simple toggling between manual/automatic/vacation modes. Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function. Freely adjustable temperature and brightness-dependent sun protection function. Freely adjustable twilight function. User-adjustable running times for blinds and air conditioning. Programming possible only with control element attached and energized. 6 switching times per day can be user-defined for each day of the week. Astro switching times and switching times can be combined. When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time. For Busch-Blind control II insert 6411 U-101, 6411 U/S-101. For Busch-Universal relay switch insert 6401 U-102. For Busch-Universal master dimmer insert 6593 U. For LED dimmer insert 6524 U and 6526 U. For Busch-Memory touch-type controller 6550 U-101. Temperature range (Device): 0 °C to 35 °C |                 |          |
|   | <b>6455-101-500</b>  | 2CKA006410A0399 | 1/10     |

<sup>1)</sup> See respective cover plates 6435-xx.



#### Time switch mechanism 16 A<sup>1) 2)</sup>

**DP, break contact for staircases, exterior lighting, fans, etc.**

Running time: 15 min. For time-programmed switching of electrical consumers. Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird. Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist.

Rated voltage: 230 V~, +10 % / -10 %

Rated current: 16 A, cos φ 0.25

Protection class (Device): IP 20

**1070 U** 2CKA001043A0025 1/10

<sup>1)</sup> For screw-fixing only

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



#### Time switch mechanism 16 A<sup>1) 2)</sup>

**DP, break contact for staircases, exterior lighting, fans, etc.**

Running time: 120 min For time-programmed switching of electrical consumers. Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird. Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist. Rated voltage: 230 V~, +10 % / -10 %. Rated current: 16 A, cos φ 0.25

Protection class (Device): IP 20


**1071 U** 2CKA001043A0124 1

<sup>1)</sup> For screw-fixing only


<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## future® linear

### Blind control / timers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For comfort timer control element 6455-101-500.<br>For standard timer control element 6456-101.<br>For room thermostats 1098 U-101 and 1098 UF-101.<br>For short-time timer 6465 U-101.<br>For Busch-CO2 sensor 1091 U-500.<br>For blind compact timer 6422 U. |                 |          |
| anthracite  | <b>6435-81</b>   | 2CKA006430A0303 | 10       |
| ivory white   | <b>6435-82</b>   | 2CKA006430A0304 | 10       |
| aluminium silver <sup>1)</sup>  | <b>6435-83</b>   | 2CKA006430A0305 | 10       |
| studio white  | <b>6435-84</b>   | 2CKA006430A0306 | 10       |
| studio white, matt <sup>1)</sup>  | <b>6435-884</b>  | 2CKA006430A0388 | 10       |
| black matt <sup>1)</sup>  | <b>6435-885</b>  | 2CKA006430A0389 | 10       |

<sup>1)</sup>Surface painted.


|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Cover plate with rotary knob, with marking</b><br>For Busch-Timer insert 1070 U.<br>Running time: 15 min<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>1770-81-103</b>  | 2CKA001753A0255 | 10 |
| ivory white  | <b>1770-82-103</b>  | 2CKA001753A0256 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1770-83-103</b>  | 2CKA001753A0257 | 10 |
| studio white   | <b>1770-84-103</b>  | 2CKA001753A0258 | 10 |
| studio white, matt <sup>2)</sup>   | <b>1770-884-103</b>   | 2CKA001753A0260 | 10 |
| black matt <sup>1)</sup>   | <b>1770-885-103</b>   | 2CKA001753A0261 | 10 |


<sup>1)</sup>Surface painted.


<sup>2)</sup>Surface lacquered in aluminium.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate with rotary knob, with marking</b><br>For Busch-Timer insert 1071 U.<br>Running time: 120 min<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1771-81-103</b>   | 2CKA001753A0265 | 10 |
| ivory white   | <b>1771-82-103</b>   | 2CKA001753A0266 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1771-83-103</b>   | 2CKA001753A0267 | 10 |
| studio white  | <b>1771-84-103</b>   | 2CKA001753A0301 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1771-884-103</b>  | 2CKA001753A0303 | 10 |
| black matt <sup>1)</sup>  | <b>1771-885-103</b>  | 2CKA001753A0304 | 10 |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blind insert, 1 gang, 2 way flex</b><br>3 wire connection (neutral conductor required). For the control of roller shutters, blind and awning motors with mechanical or electronic limit switch shut-off. Group formation via extension input possible. Operation also via conventional push buttons (2020 US non-illuminated/2021/6 UK) possible. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. |                 |          |
|   | <b>64831 U-500</b>  | 2CKA006400A0096 | 1        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Extension insert flex</b><br>3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts. |                 |   |
|   | <b>64891 U-500</b>   | 2CKA006800A3051 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Control element, 1 gang flex</b><br>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |   |
|   | <b>64711-500</b>  | 2CKA006400A0099 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |   |
|   | <b>62711-WL-500</b>  | 2CKA006200A0281 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |   |
|   | <b>64721-500</b>   | 2CKA006400A0101 | 1 |


## future® linear


### Blind control / timers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>2 gang (not 1 gang)</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>  | 2CKA006200A0283 | 1        |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Weather Station</b><br>For recording and transmitting of brightness, temperature, wind speed and rain. Weather data can be linked with actuators to automatically control functions. Weather data can be visualized in the free@home web interface and the free@home app. Remote operation via the Bluetooth and smartphone/tablet app. |                 |   |
|  | <b>WS-1-WL.1</b>   | 2CKA006200A0297 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Standard Inputs</b><br>WS-1/A1.1 Mast adapter weather station |                 |   |
|   | <b>WS-1/A1.1</b>   | 2CKA006200A0848 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Rocker</b><br><b>1gang, with "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units |                 |   |
| antracite   | SRB-1-81   | 2CKA006220A0143 | 1 |
| ivory white   | SRB-1-82   | 2CKA006220A0518 | 1 |
| aluminium silver  | SRB-1-83   | 2CKA006220A0144 | 1 |
| studio white  | SRB-1-84   | 2CKA006220A0145 | 1 |
| studiowhite matt  | SRB-1-884  | 2CKA006220A0603 | 1 |
| black matt  | SRB-1-885  | 2CKA006220A0620 | 1 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker</b><br><b>2gang left/right, "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units |                 |          |
| anthracite  | SRB-2-81   | 2CKA006220A0158 | 1        |
| ivory white   | SRB-2-82   | 2CKA006220A0523 | 1        |
| aluminium silver  | SRB-2-83   | 2CKA006220A0159 | 1        |
| studio white  | SRB-2-84   | 2CKA006220A0160 | 1        |
| studiowhite matt  | SRB-2-884  | 2CKA006220A0608 | 1        |
| black matt  | SRB-2-885  | 2CKA006220A0625 | 1        |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Rocker</b><br><b>2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units |                 |   |
| anthracite   | SRS-2-R-81   | 2CKA006220A0173 | 1 |
| ivory white  | SRS-2-R-82   | 2CKA006220A0528 | 1 |
| aluminium silver   | SRS-2-R-83   | 2CKA006220A0174 | 1 |
| studio white   | SRS-2-R-84   | 2CKA006220A0175 | 1 |
| studiowhite matt   | SRS-2-R-884  | 2CKA006220A0613 | 1 |
| black matt   | SRS-2-R-885  | 2CKA006220A0630 |   |

## future® linear

### Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUC-81-500</b>  | 2CKA002011A6215 | 10/100   |
| ivory white   | <b>20 EUC-82-500</b>  | 2CKA002011A6214 | 10/100   |
| aluminium<br>silver <sup>1)</sup>   | <b>20 EUC-83-500</b>  | 2CKA002011A6213 | 10/100   |
| studio white  | <b>20 EUC-84-500</b>  | 2CKA002011A6207 | 10/100   |
| studio white,<br>matt   | <b>20 EUC-884-500</b>   | 2CKA002011A6208 | 10       |
| black matt <sup>1)</sup>  | <b>20 EUC-885-500</b>   | 2CKA002011A6211 | 10/100   |

<sup>1)</sup>Surface painted.

|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>20 EUCKS-81</b>  | 2CKA002013A5265 | 10     |
| ivory white  | <b>20 EUCKS-82-500</b>  | 2CKA002013A5376 | 10/100 |
| aluminium<br>silver <sup>2)</sup>  | <b>20 EUCKS-83-500</b>  | 2CKA002013A5375 | 10/100 |
| studio white   | <b>20 EUCKS-84-500</b>  | 2CKA002013A5372 | 10/100 |
| studio white,<br>matt  | <b>20 EUCKS-884-500</b>   | 2CKA002013A5373 | 10/100 |
| black matt <sup>2)</sup>   | <b>20 EUCKS-885</b>   | 2CKA002013A5333 | 10/100 |


<sup>1)</sup>Increased shock protection .

<sup>2)</sup>Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet without claw <sup>1)</sup> shuttered</b><br>Without claws.<br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUCRB-81</b>   | 2CKA002013A5437 | 10/100 |
| ivory white   | <b>20 EUCRB-82</b>   | 2CKA002013A5438 | 10/100 |
| aluminium<br>silver <sup>2)</sup>   | <b>20 EUCRB-83</b>   | 2CKA002013A5439 | 10/100 |
| studio white  | <b>20 EUCRB-84-500</b>   | 2CKA002013A5441 | 10/100 |
| studio white,<br>matt <sup>2)</sup>   | <b>20 EUCRB-884</b>  | 2CKA002013A5443 | 10     |
| black matt <sup>2)</sup>  | <b>20 EUCRB-885</b>  | 2CKA002013A5444 | 10/100 |

<sup>1)</sup>Increased shock protection .


<sup>2)</sup>Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>2300 EUCB-81</b>  | 2CKA002013A5448 | 10       |
| ivory white   | <b>2300 EUCB-82</b>  | 2CKA002013A5449 | 10/100   |
| aluminium<br>silver <sup>3)</sup>   | <b>2300 EUCB-83</b>  | 2CKA002013A5450 | 10/100   |
| studio white  | <b>2300 EUCB-84</b>  | 2CKA002013A5451 | 10/100   |
| studio white,<br>matt <sup>3)</sup>   | <b>2300 EUCB-884</b>   | 2CKA002013A5453 | 10/100   |
| black matt <sup>3)</sup>  | <b>2300 EUCB-885</b>   | 2CKA002013A5454 | 10/100   |

<sup>1)</sup>Increased shock protection .

<sup>2)</sup>With screw-type terminals


<sup>3)</sup>Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> shuttered</b><br>With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>23 EUCB-81</b>  | 2CKA002013A5474 | 10     |
| ivory white  | <b>23 EUCB-82</b>  | 2CKA002013A5475 | 10     |
| aluminium<br>silver <sup>3)</sup>  | <b>23 EUCB-83</b>  | 2CKA002013A5476 | 10     |
| studio white   | <b>23 EUCB-84</b>  | 2CKA002013A5477 | 10/100 |
| studio white,<br>matt <sup>3)</sup>  | <b>23 EUCB-884</b>   | 2CKA002013A5479 | 10     |
| black matt <sup>3)</sup>   | <b>23 EUCB-885</b>   | 2CKA002013A5480 | 10     |

<sup>1)</sup>Increased shock protection .


<sup>2)</sup>With screw-type terminal for rigid and flexible wires

<sup>3)</sup>Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>SCHUKO® socket outlet shuttered</b><br>DP (2 P + E)<br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| red RAL 3020  | <b>20 EUCKS-12-82-101</b>   | 2CKA002013A5464 | 10 |

## future® linear

### Socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® USB socket outlet, 2gang<sup>1) 2) 3) 4)</sup><br/><b>shuttered</b></b>   |                 |          |
|   | For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: SCHUKO® socket outlet<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Output voltage: 5 V-<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |          |
| anthracite  | <b>20 EUCB2USB-81-500</b>  | 2CKA002011A6268 | 1/10     |
| ivory white   | <b>20 EUCB2USB-82-500</b>  | 2CKA002011A6270 | 1/10     |
| aluminium silver <sup>5)</sup>  | <b>20 EUCB2USB-83-500</b>  | 2CKA002011A6272 | 1/10     |
| studio white  | <b>20 EUCB2USB-84-500</b>  | 2CKA002011A6274 | 1/10     |
| studio white matt <sup>5)</sup>   | <b>20 EUCB2USB-884-500</b>   | 2CKA002011A6278 | 1/10     |
| black matt <sup>5)</sup>  | <b>20 EUCB2USB-885-500</b>   | 2CKA002011A6280 | 1/10     |


<sup>1)</sup> Increased shock protection.

<sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>3)</sup> No data transfer.


<sup>4)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.

<sup>5)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-socket outlet<sup>1)</sup><br/>shuttered</b>  |                 |          |
|   | With screwless terminals.<br>DP (2 P + E)<br>With eject mechanism.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUCBDR-81</b>  | 2CKA002013A5415 | 10       |
| ivory white   | <b>20 EUCBDR-82</b>  | 2CKA002013A5416 | 10       |
| aluminium silver <sup>2)</sup>  | <b>20 EUCBDR-83</b>  | 2CKA002013A5417 | 10       |
| studio white  | <b>20 EUCBDR-84</b>  | 2CKA002013A5418 | 10       |
| studio white, matt <sup>2)</sup>  | <b>20 EUCBDR-884</b>   | 2CKA002013A5420 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUCBDR-885</b>   | 2CKA002013A5421 | 10       |


<sup>1)</sup> Increased shock protection.

<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet steplight<sup>1)</sup><br/>With night orientation light</b>   |                 |          |
|   | with separate connection cables for switch contact.<br>with LED,<br>Shuttered.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUCBLI-81</b>  | 2CKA002013A5459 | 1        |
| ivory white   | <b>20 EUCBLI-82</b>  | 2CKA002013A5292 | 1        |
| aluminium silver <sup>2)</sup>  | <b>20 EUCBLI-83</b>  | 2CKA002013A5293 | 1        |
| studio white  | <b>20 EUCBLI-84</b>  | 2CKA002013A5294 | 1        |
| studio white, matt <sup>2)</sup>  | <b>20 EUCBLI-884</b>   | 2CKA002013A5326 | 1        |
| black matt <sup>2)</sup>  | <b>20 EUCBLI-885</b>   | 2CKA002013A5331 | 1        |


<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>2)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet<sup>1)</sup><br/>with labelling field</b>  |                 |          |
|   | DP (2 P + E)<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUN-81</b>  | 2CKA002011A3802 | 10       |
| ivory white   | <b>20 EUN-82</b>  | 2CKA002011A3726 | 10       |
| aluminium silver <sup>2)</sup>  | <b>20 EUN-83</b>  | 2CKA002011A3810 | 10       |
| studio white  | <b>20 EUN-84-500</b>  | 2CKA002011A6209 | 10/100   |
| studio white, matt <sup>2)</sup>  | <b>20 EUN-884</b>   | 2CKA002011A3881 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUN-885</b>   | 2CKA002011A3884 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet<sup>1) 2)</sup><br/>with label field, increased shock protection</b>  |                 |          |
|   | Size of labelling field: 60 x 9 mm.<br>With screwless terminals.<br>DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUCNB-81</b>   | 2CKA002013A5427 | 10       |
| ivory white   | <b>20 EUCNB-82</b>   | 2CKA002013A5428 | 10       |
| aluminium silver <sup>3)</sup>  | <b>20 EUCNB-83</b>   | 2CKA002013A5429 | 10/100   |
| studio white  | <b>20 EUCNB-84-500</b>   | 2CKA002013A5431 | 10/100   |
| studio white, matt <sup>3)</sup>  | <b>20 EUCNB-884</b>  | 2CKA002013A5433 | 10/100   |
| black matt <sup>3)</sup>  | <b>20 EUCNB-885</b>  | 2CKA002013A5434 | 10/100   |
| red RAL 3020  | <b>20 EUCNB-12-82</b>  | 2CKA002013A5423 | 10       |




<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).



<sup>2)</sup> Increased shock protection.

<sup>3)</sup> Surface painted.

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| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|   | <b>SCHUKO® socket outlet <sup>1)</sup> with marking "EDV"</b><br>With screwless terminals.<br>DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20   |                 |          |
| anthracite   | <b>20 EUCKS/DV-81</b>  | 2CKA002013A5266 | 10       |
| ivory white  | <b>20 EUCKS/DV-82</b>  | 2CKA002013A5267 | 10       |
| aluminium silver <sup>2)</sup>   | <b>20 EUCKS/DV-83</b>  | 2CKA002013A5273 | 10/100   |
| studio white   | <b>20 EUCKS/DV-84</b>  | 2CKA002013A5268 | 10       |
| studio white, matt <sup>2)</sup>   | <b>20 EUCKS/DV-884</b>   | 2CKA002013A5327 | 10       |
| black matt <sup>2)</sup>   | <b>20 EUCKS/DV-885</b>   | 2CKA002013A5332 | 10       |
| <sup>1)</sup> Increased shock protection .<br><sup>2)</sup> Surface painted.   |  |                 |          |
|   | <b>SCHUKO® socket outlet shuttered</b><br>With imprint >EDP<.<br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20   |                 |          |
| red RAL 3020   | <b>20 EUCKS/DV-12-82-101</b>   | 2CKA002013A5463 | 10       |
|   | <b>Busch-Protector® SCHUKO® socket outlet <sup>1)</sup> with overvoltage protection</b><br>DP (2 P + E)<br>With integrated and external signalling contact.<br>ISN = 5 kA<br>Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems.<br>Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet.<br>Arrestor test class: classification Type 2<br>Rated voltage: 250 V~<br>Secondary: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite   | <b>2310 EUGL/VA-81-11</b>  | 2CKA002011A3830 | 1        |
| ivory white  | <b>2310 EUGL/VA-82-11</b>  | 2CKA002011A3831 | 1        |
| aluminium silver <sup>2)</sup>   | <b>2310 EUGL/VA-83-11</b>  | 2CKA002011A3832 | 1        |
| studio white   | <b>2310 EUGL/VA-84-11</b>  | 2CKA002011A3833 | 1        |
| studio white, matt <sup>2)</sup>   | <b>2310 EUGL/VA-884-11</b>   | 2CKA002011A3882 | 1        |
| black matt <sup>2)</sup>   | <b>2310 EUGL/VA-885-11</b>   | 2CKA002011A3885 | 1        |
| red RAL 3020   | <b>2310 EUGL/VA-12-82-101</b>  | 2CKA002011A6257 | 1/10     |
| <sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.<br><sup>2)</sup> Surface painted. |  |                 |          |

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>SCHUKO® socket outlet with LED control light</b><br>Shuttered.<br>DP (2 P + E)<br>With transparent lens.<br>LED colour green.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20                    |                 |          |
| anthracite   | <b>20 EUCBL-81</b>  | 2CKA002013A5457 | 10       |
| ivory white  | <b>20 EUCBL-82</b>  | 2CKA002013A5284 | 10       |
| aluminium silver <sup>1)</sup>   | <b>20 EUCBL-83</b>  | 2CKA002013A5285 | 10       |
| studio white   | <b>20 EUCBL-84</b>  | 2CKA002013A5286 | 10       |
| studio white, matt <sup>1)</sup>   | <b>20 EUCBL-884</b>   | 2CKA002013A5336 | 10       |
| black matt <sup>1)</sup>   | <b>20 EUCBL-885</b>   | 2CKA002013A5330 | 10       |
| Green, RAL 6032  | <b>20 EUCBL-13-84-101</b>   | 2CKA002013A5467 | 10       |
| orange RAL 2004 <sup>2)</sup>  | <b>20 EUCBL-14-84</b>   | 2CKA002013A5288 | 10       |
| <sup>1)</sup> Surface painted.<br><sup>2)</sup> Resistant to aggressive media, e.g., ammonia, benzene, oils, greases, alcohol, and cleansing agents, in normal concentrations. |   |                 |          |
|   | <b>Busch-Object socket outlet <sup>1)</sup> shuttered</b><br>With screwless terminals.<br>DP (2 P + E)<br>Incl. Cover plate with extract mechanism.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite   | <b>20 EUAB-81</b>   | 2CKA002013A5404 | 10       |
| ivory white  | <b>20 EUAB-82</b>   | 2CKA002013A5405 | 10       |
| aluminium silver <sup>2)</sup>   | <b>20 EUAB-83</b>   | 2CKA002013A5406 | 10       |
| studio white   | <b>20 EUAB-84</b>   | 2CKA002013A5407 | 10       |
| studio white, matt <sup>2)</sup>   | <b>20 EUAB-884</b>  | 2CKA002013A5409 | 10       |
| black matt <sup>2)</sup>   | <b>20 EUAB-885</b>  | 2CKA002013A5410 | 10       |
| <sup>1)</sup> Increased shock protection .<br><sup>2)</sup> Surface painted.   |   |                 |          |



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### Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> with earth leakage circuit breaker</b><br>Shuttered.<br>DP cut off (P,N)<br>Without PE monitoring.<br>With output terminals for connecting and protecting downstream SCHUKO® socket outlets.<br>Rated fault current: 30 mA.<br>With fixing claws.<br>Rated frequency: 45-60 Hz.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20<br>Temperature range (Device): -25 °C to 40 °C |                 |          |
| anthracite  | <b>3120 EUCB-81</b>   | 2CKA003116A0667 | 1/10     |
| ivory white   | <b>3120 EUCB-82</b>   | 2CKA003116A0661 | 1        |
| aluminium silver <sup>4)</sup>  | <b>3120 EUCB-83</b>   | 2CKA003116A0668 | 1/10     |
| studio white  | <b>3120 EUCB-84</b>   | 2CKA003116A0662 | 1        |
| studio white, matt <sup>4)</sup>  | <b>3120 EUCB-884</b>  | 2CKA003116A0670 | 1/10     |
| black matt <sup>4)</sup>  | <b>3120 EUCB-885</b>  | 2CKA003116A0671 | 1/10     |

<sup>1)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>2)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.


<sup>3)</sup> Increased shock protection.

<sup>4)</sup> Surface painted.


|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Buschmat® FI - Insert <sup>1)</sup> with earth leakage breaker with connecting conductor</b><br>Protection of downstream consumers.<br>Rated fault current: 30 mA.<br>DP cut off (P,N)<br>Without claw fixation.<br>Rated frequency: 45-60 Hz.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20<br>Temperature range (Device): -25 °C to 40 °C |                 |      |
| anthracite  | <b>3151 UC-81</b>  | 2CKA003117A0009 | 1/10 |
| ivory white   | <b>3151 UC-82</b>  | 2CKA003117A0005 | 1/10 |
| aluminium silver <sup>2)</sup>  | <b>3151 UC-83</b>  | 2CKA003117A0010 | 1/10 |
| studio white  | <b>3151 UC-84</b>  | 2CKA003117A0006 | 1/10 |
| studio white, matt <sup>2)</sup>  | <b>3151 UC-884</b>   | 2CKA003117A0012 | 1/10 |
| black matt <sup>2)</sup>  | <b>3151 UC-885</b>   | 2CKA003117A0013 | 1/10 |

<sup>1)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet with hinged lid</b><br>With screwless terminals.<br>DP (2 P + E)<br>Hinged lid notches when opened.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUK-81</b>   | 2CKA002018A1486 | 10       |
| ivory white   | <b>20 EUK-82</b>   | 2CKA002018A1465 | 10       |
| aluminium silver <sup>1)</sup>  | <b>20 EUK-83</b>   | 2CKA002018A1487 | 10       |
| studio white  | <b>20 EUK-84-500</b>   | 2CKA002018A1509 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>20 EUK-884</b>  | 2CKA002018A1494 | 10       |
| black matt <sup>1)</sup>  | <b>20 EUK-885</b>  | 2CKA002018A1495 | 10       |

<sup>1)</sup> Surface painted.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and internal increased shock protection</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite   | <b>20 EUKB-81</b>  | 2CKA002018A1517 | 10/100 |
| ivory white  | <b>20 EUKB-82</b>  | 2CKA002018A1518 | 10/100 |
| aluminium silver <sup>2)</sup>   | <b>20 EUKB-83</b>  | 2CKA002018A1519 | 10/100 |
| studio white   | <b>20 EUKB-84</b>  | 2CKA002018A1520 | 10/100 |
| studio white, matt <sup>2)</sup>   | <b>20 EUKB-884</b>   | 2CKA002018A1522 | 10/100 |
| black matt <sup>2)</sup>   | <b>20 EUKB-885</b>   | 2CKA002018A1523 | 10/100 |
| anthracite <sup>3)</sup>   | <b>20 EUKBR-81</b>   | 2CKA002018A1526 | 10/100 |
| ivory <sup>3)</sup>  | <b>20 EUKBR-82</b>   | 2CKA002018A1527 | 10/100 |
| aluminium silver <sup>2)</sup> <sup>3)</sup>                                       | <b>20 EUKBR-83</b>   | 2CKA002018A1528 | 10/100 |
| studio white <sup>3)</sup>   | <b>20 EUKBR-84</b>   | 2CKA002018A1529 | 10/100 |
| studio white, matt <sup>2)</sup> <sup>3)</sup>                                     | <b>20 EUKBR-884</b>  | 2CKA002018A1530 | 10/100 |
| black matt <sup>2)</sup> <sup>3)</sup>   | <b>20 EUKBR-885</b>  | 2CKA002018A1531 | 10/100 |


<sup>1)</sup> Increased shock protection.

<sup>2)</sup> Surface painted.

<sup>3)</sup> Without claw.


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### Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and lock</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>With different lock mechanism.<br>Delivery includes 2 keys.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUKNBSL-81</b>  | 2CKA002018A1557 | 10       |
| ivory white   | <b>20 EUKNBSL-82</b>  | 2CKA002018A1559 | 10       |
| aluminium silver <sup>2)</sup>  | <b>20 EUKNBSL-83</b>  | 2CKA002018A1561 | 10       |
| studio white  | <b>20 EUKNBSL-84</b>  | 2CKA002018A1563 | 10       |
| studio white, matt <sup>2)</sup>  | <b>20 EUKNBSL-884</b>   | 2CKA002018A1565 | 10       |
| black matt <sup>2)</sup>  | <b>20 EUKNBSL-885</b>   | 2CKA002018A1567 | 10       |


<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with hinged lid and lock</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>With evenly engaging lock.<br>Delivery includes 2 keys.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>20 EUKNBSL-81-101</b>  | 2CKA002018A1558 | 10 |
| ivory white   | <b>20 EUKNBSL-82-101</b>  | 2CKA002018A1560 | 10 |
| aluminium silver <sup>2)</sup>  | <b>20 EUKNBSL-83-101</b>  | 2CKA002018A1562 | 10 |
| studio white  | <b>20 EUKNBSL-84-101</b>  | 2CKA002018A1564 | 10 |
| studio white, matt <sup>2)</sup>  | <b>20 EUKNBSL-884-101</b>   | 2CKA002018A1566 | 10 |
| black matt <sup>2)</sup>  | <b>20 EUKNBSL-885-101</b>   | 2CKA002018A1568 | 10 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> with hinged lid and labelling field</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>20 EUKNB-81</b>  | 2CKA002018A1537 | 10/100   |
| ivory white   | <b>20 EUKNB-82</b>  | 2CKA002018A1538 | 10/100   |
| red RAL 3020 <sup>4)</sup>  | <b>20 EUKNB-12-82</b>   | 2CKA002018A1533 | 10/100   |
| Green, RAL 6032 <sup>4)</sup>   | <b>20 EUKNB-13-82</b>   | 2CKA002018A1534 | 10/100   |
| orange RAL 2004 <sup>4)</sup>   | <b>20 EUKNB-14-82</b>   | 2CKA002018A1535 | 10/100   |
| aluminium silver <sup>5)</sup>  | <b>20 EUKNB-83</b>  | 2CKA002018A1539 | 10/100   |
| studio white  | <b>20 EUKNB-84</b>  | 2CKA002018A1540 | 10/100   |
| studio white, matt <sup>5)</sup>  | <b>20 EUKNB-884</b>   | 2CKA002018A1541 | 10/100   |
| black matt <sup>5)</sup>  | <b>20 EUKNB-885</b>   | 2CKA002018A1542 | 10/100   |


<sup>1)</sup> Increased shock protection .

<sup>2)</sup> The labels are clamped under the labelling field.

<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>4)</sup> With continuous coloured marking of cover plate and base.

<sup>5)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> with hinged lid, labelling field and LED control light</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>with hinged lid<br>Size of labelling field: 60 x 9 mm.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>20 EUKNBL-81</b>  | 2CKA002018A1548 | 10/100 |
| ivory white   | <b>20 EUKNBL-82</b>  | 2CKA002018A1549 | 10/100 |
| red RAL 3020 <sup>4)</sup>  | <b>20 EUKNBL-12-82</b>   | 2CKA002018A1544 | 10/100 |
| Green, RAL 6032 <sup>4)</sup>   | <b>20 EUKNBL-13-82</b>   | 2CKA002018A1545 | 10/100 |
| orange RAL 2004 <sup>4)</sup>   | <b>20 EUKNBL-14-82</b>   | 2CKA002018A1546 | 10/100 |
| aluminium silver <sup>5)</sup>  | <b>20 EUKNBL-83</b>  | 2CKA002018A1550 | 10/100 |
| studio white  | <b>20 EUKNBL-84</b>  | 2CKA002018A1551 | 10/100 |
| studio white, matt <sup>5)</sup>  | <b>20 EUKNBL-884</b>   | 2CKA002018A1552 | 10/100 |
| black matt <sup>5)</sup>  | <b>20 EUKNBL-885</b>   | 2CKA002018A1553 | 10/100 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> The labels are clamped under the labelling field.


<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>4)</sup> With continuous coloured marking of cover plate and base.

<sup>5)</sup> Surface painted.

## future® linear

### Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet shuttered</b><br>DP (2 P + E)<br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |          |
| Green, RAL 6032   | <b>20 EUCKS-13-82-101</b>   | 2CKA002013A5470 | 10       |
| orange RAL 2004   | <b>20 EUCKS-14-82</b>   | 2CKA002013A5324 | 10       |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> with marking</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>With continuous coloured marking of cover plate and base.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |        |
| Green, RAL 6032 <sup>2)</sup>   | <b>20 EUCEB-13-82-102</b>   | 2CKA002013A5472 | 10/100 |
| orange RAL 2004 <sup>3)</sup>   | <b>20 EUCEB-14-82-10</b>  | 2CKA002013A5413 | 10/100 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> With imprint "PS"


<sup>3)</sup> With imprint "CPS"

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>SCHUKO® socket outlet with marking</b><br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| Green, RAL 6032   | <b>20 EUC-13-82-101</b>  | 2CKA002011A6260 | 10 |
| orange RAL 2004   | <b>20 EUC-14-82</b>  | 2CKA002011A3723 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> with labelling field</b><br>Size of labelling field: 60 x 9 mm.<br>With screwless terminals.<br>DP (2 P + E)<br>Shuttered.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                 |    |
| Green, RAL 6032   | <b>20 EUCNB-13-82</b>   | 2CKA002013A5424 | 10 |
| orange RAL 2004   | <b>20 EUCNB-14-82</b>   | 2CKA002013A5425 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Increased shock protection .


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Socket outlet <sup>1)</sup> shuttered</b><br>Without claws.<br>With screw-type terminals.<br>DP<br>Suitable for 1gang flush-mounted boxes.<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |          |
| anthracite  | <b>2300 UCRKS-81-503</b>  | 2CKA002113A5339 | 10       |
| ivory white   | <b>2300 UCRKS-82-503</b>  | 2CKA002113A0510 | 10       |
| studio white  | <b>2300 UCRKS-84-503</b>  | 2CKA002113A0511 | 10       |
| studio white, matt <sup>2)</sup>  | <b>2300 UCRKS-884-503</b>   | 2CKA002113A5337 | 10       |
| black matt <sup>2)</sup>  | <b>2300 UCRKS-885-503</b>   | 2CKA002113A5340 | 10       |


<sup>1)</sup> Increased shock protection .


<sup>2)</sup> Surface painted.

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Shaver socket outlet</b><br>For installation into FM 2gang wall box 3030 and 3031.<br>Rated voltage: 240 V, +10 % / -10 %<br>Output voltage: 115 V, +10 % / -10 %<br>Secondary: 240 V, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Rated power: 20 VA |                 |   |
| anthracite   | <b>2332 UJBS-81</b>   | 2CKA002130A0297 | 1 |
| studio white   | <b>2332 UJBS-84</b>   | 2CKA002130A0292 | 1 |
| black matt <sup>1)</sup>   | <b>2332 UJBS-885</b>  | 2CKA002130A0295 | 1 |

<sup>1)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Flush-mounting wall box, 2gang</b><br>For shaver socket outlet 2332 UJBS-8xx.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm |                 |   |
| <b>3030</b>   |   | 2CKA001741A0067 | 4 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Flush-mounting cavity wall box, 2gang</b><br>For shaver socket outlet 2332 UJBS-8xx.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 142 mm x 75 mm x 45 mm |                 |   |
| <b>3031</b>   |  | 2CKA001741A0068 | 4 |

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>13 A Switched socket outlet</b><br>SP switched<br>1gang<br>Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.<br>Rated voltage: 250 V~<br>Rated current: 13 ABS 1363: part2 |                 |        |
| anthracite  | <b>2190 EUC-81</b>   | 2CKA002190A0216 | 10/100 |
| studio white  | <b>2190 EUC-84</b>   | 2CKA002190A0215 | 10/100 |
| black matt <sup>1)</sup>  | <b>2190 EUC-885</b>  | 2CKA002190A0219 | 10     |


<sup>1)</sup> Surface painted.

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### Socket outlets

| Product  | Article-No.                    | Order-No.                | Pack/Qty            |
|--|--------------------------------|--------------------------|---------------------|
|  <p><b>2gang European/American socket outlet, 10A</b><br/>2gang<br/>With screw-type terminals.<br/>SP switched<br/>Without claws.<br/>Rated voltage: 250 V~<br/>Rated current: 10 A<br/>delivery on request</p> | anthracite                     | <b>2192-02 UC-81-500</b> | delivery on request |
|  | ivory white                    | <b>2192-02 UC-82-500</b> | delivery on request |
|  | aluminium silver <sup>1)</sup> | <b>2192-02 UC-83-500</b> | delivery on request |
|  | studio white                   | <b>2192-02 UC-84-500</b> |                     |


<sup>1)</sup>Surface painted.

|  |                 |                 |        |
|--|-----------------|-----------------|--------|
|  <p><b>Socket outlet<sup>1)</sup> with earth pin</b><br/>With screwless terminals.<br/>Suitable for the countries: Belgium, Poland, Czech Republic.<br/>DP (2 P + E)<br/>Rated voltage: 250 V~<br/>Rated current: 16 A</p> | <b>20 M-500</b> | 2CKA002017A0854 | 10/100 |
|--|-----------------|-----------------|--------|

<sup>1)</sup>Insert can be used for all covers 2399 UCKS-xx.

|  |                                  |                      |                 |        |
|--|----------------------------------|----------------------|-----------------|--------|
|  <p><b>Socket outlet cover frame shuttered</b><br/>For socket outlet insert 20 M-500.<br/>Rated voltage: 250 V~</p> | anthracite                       | <b>2399 UCKS-81</b>  | 2CKA002099A0216 | 10     |
|  | ivory                            | <b>2399 UCKS-82</b>  | 2CKA002099A0211 | 10     |
|  | aluminium silver <sup>1)</sup>   | <b>2399 UCKS-83</b>  | 2CKA002099A0241 | 10/100 |
|  | studio white                     | <b>2399 UCKS-84</b>  | 2CKA002099A0214 | 10     |
|  | studio white, matt <sup>1)</sup> | <b>2399 UCKS-884</b> | 2CKA002099A0255 | 10     |
|  | black matt <sup>1)</sup>         | <b>2399 UCKS-885</b> | 2CKA002099A0256 | 10/100 |

<sup>1)</sup>Surface painted.

| Product   | Article-No.                     | Order-No.                  | Pack/Qty        |      |
|---|---------------------------------|----------------------------|-----------------|------|
|  <p><b>USB socket outlet earthing pin, 2gang<sup>1)</sup> 2)<sup>3)</sup> shuttered</b><br/>For connecting electric loads.<br/>DP (2 P + E)<br/>With screwless terminals.<br/>For supply and support of mobile devices via USB-cable.<br/>With two USB type A outputs.<br/>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br/>Support of loading protocol on the USB-A connection: Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Suitable for the countries: Belgium, Poland, Czech Republic.<br/>Rated voltage: 230 V~, +10 % / --10 %<br/>Secondary: 5 V-, +5 % / -5 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 2x USB charging interface<br/>Suitable for: Earth pin socket<br/>Rated current: 16 A<br/>Suitable for: In case one output is used:<br/>Rated current: 2.4 A<br/>Suitable for: In case two output are used:<br/>Rated current: 1.2 A<br/>Output voltage: 5 V-<br/>Rated power: 12 W<br/>Protection class (Device): IP 20, SELV<br/>Temperature range (Device): 5 °C to 35 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br/>Mounting depth: 39.5 mm</p> | anthracite                      | <b>20 MUCB2USB-81-500</b>  | 2CKA002011A6290 | 1    |
|   | aluminium silver <sup>4)</sup>  | <b>20 MUCB2USB-83-500</b>  | 2CKA002017A1890 | 1/10 |
|   | studio white                    | <b>20 MUCB2USB-84-500</b>  | 2CKA002017A1891 | 1/10 |
|   | studio white matt <sup>4)</sup> | <b>20 MUCB2USB-884-500</b> | 2CKA002017A1893 | 1/10 |
|   | black matt <sup>4)</sup>        | <b>20 MUCB2USB-885-500</b> | 2CKA002017A1894 | 1/10 |

<sup>1)</sup> Socket outlet with integrated child protection. Replaces the usual term "...with child protection".


<sup>2)</sup> No data transfer.


<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.


<sup>4)</sup> Surface painted.


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### Socket outlets


| Product   | Article-No.   | Order-No.                 | Pack/Qty |
|---|---|---------------------------|----------|
|  | <b>Chinese socket outlet, 10 A</b>  |                           |          |
|   | 1gang<br>With screw-type terminals.<br>Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~<br>Rated current: 10 A<br>Rated current: 10 A<br>delivery on request |                           |          |
|   | anthracite  | <b>2193 EUC/10-81-500</b> |          |
|   |   | delivery on request       |          |
| ivory white   | <b>2193 EUC/10-82-500</b>   |                           |          |
|   | delivery on request   |                           |          |
| studio white  | <b>2193 EUC/10-84-500</b>   |                           |          |


|   |   |                           |  |
|---|---|---------------------------|--|
|  | <b>Chinese socket outlet, 16 A</b>  |                           |  |
|   | 1gang<br>With screw-type terminals. Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request |                           |  |
|   | anthracite  | <b>2193 EUC/16-81-500</b> |  |
|   |   | delivery on request       |  |
| ivory white   | <b>2196 EUC/16-82-500</b>   |                           |  |
|   | delivery on request   |                           |  |
| studio white  | <b>2193 EUC/16-84-500</b>   |                           |  |

|   |  |                           |  |
|---|--|---------------------------|--|
|  | <b>Chinese and Euro American socket outlet, 10 A</b>   |                           |  |
|   | 1gang<br>With screw-type terminals.<br>Without claws.<br>According to Chinese standard: GB 2099.1<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>delivery on request |                           |  |
|   | anthracite   | <b>2195 EUC/10-81-500</b> |  |
|   |  | delivery on request       |  |
| ivory white   | <b>2195 EUC/10-82-500</b>  |                           |  |
|   | delivery on request  |                           |  |
| studio white  | <b>2195 EUC/10-84-500</b>  |                           |  |

|   |  |                        |  |
|---|--|------------------------|--|
|  | <b>International socket outlet 13A <sup>1)</sup></b>   |                        |  |
|   | 1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 13 A<br>delivery on request |                        |  |
|   | anthracite   | <b>2197 EUC-81-500</b> |  |
|   |  | delivery on request    |  |
| ivory white   | <b>2197 EUC-82-500</b>   |                        |  |
|   | delivery on request  |                        |  |
| studio white  | <b>2197 EUC-84-500</b>   |                        |  |

<sup>1)</sup> Usage may be restricted in certain countries.

| Product   | Article-No.  | Order-No.              | Pack/Qty |
|---|--|------------------------|----------|
|  | <b>Euro American socket outlet with earth, 16 A</b>  |                        |          |
|   | 1gang<br>With screw-type terminals.<br>Without claws.<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>delivery on request |                        |          |
|   | anthracite   | <b>2196 EUC-81-500</b> |          |
|   |  | delivery on request    |          |
| ivory white   | <b>2196 EUC-82-500</b>   |                        |          |
|   | delivery on request  |                        |          |
| studio white  | <b>2196 EUC-84-500</b>   |                        |          |

|   |  |                        |                    |
|---|--|------------------------|--------------------|
|  | <b>SCHUKO® socket outlet <sup>1) 2)</sup><br/>shuttered</b>  |                        |                    |
|   | With screw-type terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 20 |                        |                    |
|   | anthracite   | <b>23 EUCB-81</b>      | 2CKA002013A5474 10 |
|   | ivory white  | <b>23 EUCB-82</b>      | 2CKA002013A5475 10 |
| aluminium<br>silver <sup>3)</sup>   | <b>23 EUCB-83</b>  | 2CKA002013A5476 10     |                    |
| studio white  | <b>23 EUCB-84</b>  | 2CKA002013A5477 10/100 |                    |
| studio white,<br>matt <sup>3)</sup>   | <b>23 EUCB-884</b>   | 2CKA002013A5479 10     |                    |
| black matt <sup>3)</sup>  | <b>23 EUCB-885</b>   | 2CKA002013A5480 10     |                    |


<sup>1)</sup> Increased shock protection .

<sup>2)</sup> With screw-type terminal for rigid and flexible wires

<sup>3)</sup> Surface painted.

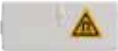
## future® linear


### Data communication

| Product   | Article-No. | Order-No. | Pack/Qty |
|---|-------------|-----------|----------|
|  <p><b>WLAN access point, flush-mounted <sup>1)</sup> <sup>2)</sup> power supply from mains power</b><br/>           Operation as WLAN access point for the connection of WLAN terminal devices to the LAN.<br/>           Operation as WLAN repeater for extending the transmission range of a WLAN.<br/>           Operation as WLAN adapter for integrating Ethernet terminal devices into a WLAN.<br/>           Supports WLAN standards IEEE 802.11b/g/n with 2.4 GHz; integrated WLAN antenna.<br/>           Backward connection of an Ethernet cable via screw terminals (10/100 Mbit/s).<br/>           Front-side Ethernet connection via a RJ45 socket (10/100 Mbit/s).<br/>           The three connections (WLAN, Ethernet/screw terminals and Ethernet/RJ45) can be used in parallel via the integrated switch.<br/>           Power supply via 2-pole connecting terminal.<br/>           Nominal voltage: 100 - 240 V~<br/>           For mounting in commercially available deep flush-mounted and hollow-wall boxes.<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Dimensions: (L x W x D): 80 mm</p> <p><b>8186/31-101-500</b>      2CKA008100A0359      1</p> |             |           |          |


<sup>1)</sup> Suitable for cover plate 1803-xxx.

<sup>2)</sup> Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.


|  |  |  |  |
|--|--|--|--|
|  <p><b>Reset magnet</b><br/>           For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings.<br/>           Protection class (Device): IP 20</p> <p><b>8186/11-500</b>      2CKA008100A0361      1</p> |  |  |  |
|--|--|--|--|

|   |  |  |  |
|---|--|--|--|
|  <p><b>Universal data connection unit, cat. 3 <sup>1)</sup> 1gang</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0213-500</b>      2CKA000230A1549      10/100</p> |  |  |  |
|---|--|--|--|


<sup>1)</sup> Suitable for cover plate 1803-xxx.

|   |   |  |  |
|---|---|--|--|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2gang internally parallel connected</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0214</b>      2CKA000230A0235      10/100</p> |   |  |  |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |  |  |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |  |  |
| <b>neon indicator:</b>  | not applicable  |  |  |

<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup> 2 x outlets, 8/8-pole</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> <p><b>0215</b>      2CKA000230A0243      10</p> |   |           |          |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.          |           |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |           |          |
| <b>neon indicator:</b>  | not applicable  |           |          |





<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

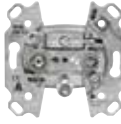

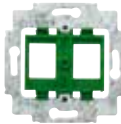
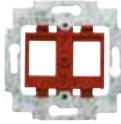
|   |  |  |  |
|---|--|--|--|
|  <p><b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>           With down-leading outlet and LSA self-cutting clamps.<br/>           RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>           Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>           Terminal marking A and B according to TIA/EIA-568-B.2.<br/>           Typ according to EN 60 603-7-51:2011-01.<br/>           Shielding according to DIN EN 55022, Class B.<br/>           Up to 500 MHz on all pairs of wires.<br/>           Suitable for 10-Gigabit Ethernet.<br/>           Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>           Flex cable entries from all sides without buckles.<br/>           Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>           Re-embedded proofed.<br/>           Suitable for Mix-and-Match operation.<br/>           Suitable for RJ 11, RJ 12 und RJ 45.<br/>           For data cables with a diameter of 6 -10 mm.<br/>           For wires of AWG 24-22.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without claws.<br/>           Mounting depth: 31 mm.<br/>           Protection class (Device): IP 20</p> <p><b>0218/11-101</b>      2CKA000230A0409      1/10</p> |  |  |  |
|---|--|--|--|

<sup>1)</sup> Suitable for cover plate 1803-xxx.

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### Data communication

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup></b><br><b>2 x outlets, 8/8-pole</b><br>With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06. Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B. Up to 500 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. Suitable for RJ 11, RJ 12 und RJ 45. For data cables with a diameter of 6 -10 mm. For trunk systems, flush-mounted wall boxes and underfloor systems. For wires of AWG 24-22. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20 |                 |          |
|   | <b>0218/12-101</b>   | 2CKA000230A0411 | 1/10     |
| <sup>1)</sup> Suitable for cover plate 1803-02-xxx.                                 |  |                 |          |
|  | <b>Universal data connection box 8(6)/ telephone unit 6F+N - connection box <sup>1)</sup></b><br><b>2 x 6-pole</b><br>with straight outlet, with screw contacts, Universal data-connection boxes: RJ 11/12, ISDN capable Cat. 3 in acc. with IEC 603-7/German Standard DIN EN 60603-7, Telecommunication outlet (telephone unit ): for 1 telephone, 1 auxiliary device or 1 data transmission unit, With claw. Protection class (Device): IP 20  |                 |          |
| white   | <b>UAE 8(6)TAE 6 F+N</b>   | 2CKA000230A0381 | 10/100   |
| <sup>1)</sup> Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.          |  |                 |          |
|  | <b>Satellite co-axial outlets 2 connectors/dead-end feeder</b><br>Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20  |                 |          |
|   | <b>0230-101</b>  | 2CKA000230A0250 | 10/100   |
|  | <b>Antenna socket insert Radio/TV 2 connectors/loop through type</b><br>Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20  |                 |          |
|   | <b>0231-101</b>  | 2CKA000230A0268 | 10/100   |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder</b><br>Broadband technology 47-2.150 MHz. SAT connection designed as screwable F-male plug. with remote feed via F-bush For DVB-T and broadband-cable-systems. For analogue and digital transmission. With claw. Minimal installation depth, class A. Protection class (Device): IP 20   |                 |          |
|   | <b>0232-101-500</b>   | 2CKA000230A0463 | 10/100   |
|    | <b>Terminating resistor 75 Ohm</b><br>Protection class (Device): IP 20  |                 |          |
|   | <b>0239</b>   | 2CKA000230A0201 | 10/100   |
|    | <b>Mounting plate <sup>1)</sup> <sup>2)</sup> with green insert</b><br>For 2 modular jack inserts. For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx. With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws. Protection class (Device): IP 20  |                 |          |
|   | <b>1810-500</b>   | 2CKA001753A9974 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions. |   |                 |          |
| <sup>2)</sup> For further information, please refer on the Internet.  |   |                 |          |
|    | <b>Mounting plate <sup>1)</sup> <sup>2)</sup> with red insert</b><br>For 2 modular jack inserts. Suitable for Art. Nos. 0210, 0211 and 0219-101. For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts For Telegärtner AMJ/UMJ connection modules/ couplings. For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk. Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm. Without claws. Protection class (Device): IP 20 |                 |          |
|   | <b>1812-500</b>   | 2CKA001753A9972 | 10/100   |
| <sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions. |   |                 |          |
| <sup>2)</sup> For further information, please refer on the Internet.  |   |                 |          |

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| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with black insert</b><br/>For MTRJ or 2 modular jack inserts.<br/>For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.<br/>For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.<br/>Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p> | <b>1814-500</b> | 2CKA001753A9973 | 10/100   |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with blue insert</b><br/>For 2 modular jack inserts.<br/>For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III.<br/>Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>  | <b>1816</b>     | 2CKA001710A3100 | 10/100   |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with orange base</b><br/>For 2 modular jack inserts.<br/>For system: LexCom 150 and LexCom 250.<br/>Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>   | <b>1819</b>     | 2CKA001753A8056 | 10/100   |
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with grey base</b><br/>For 2 modular jack inserts.<br/>For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.<br/>Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm.<br/>Without claws.<br/>Protection class (Device): IP 20</p>  | <b>1820</b>     | 2CKA001753A8057 | 10/100   |
|  <p><b>Flush-mounted assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For flush-mounted installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p>   | <b>0219/12</b>  | 2CKA000230A0395 | 1/10     |

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.





<sup>2)</sup> For further information, please refer on the Internet.

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.


| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Channel assembly adapter</b><br/>For the accommodation of one or two universal modules 0219.<br/>For channel and under-floor installation.<br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>Protection class (Device): IP 20</p>   | <b>0219/13</b>  | 2CKA000230A0396 | 1/10     |
|  <p><b>Universal module, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>For installation in installation adapter 0219/12 or 0219/13.<br/>Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB.<br/>RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>Cat. 6A according to ISO/IEC 11801: 2011-06.<br/>Terminal marking A and B according to TIA/EIA-568-B.2.<br/>Typ according to EN 60 603-7-51:2011-01.<br/>Shielding according to DIN EN 55022, Class B.<br/>Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>Bend-radius optimised cable feed (30°).<br/>Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>Re-embedded proofed.<br/>Suitable for Mix-and-Match operation.<br/>For 8-pole plug RJ 45 only.<br/>Housing made from diecast zinc.<br/>With integrated dust-protection cap (can be removed if necessary).<br/>With insulation displacement connection<br/>For data cables with a diameter of 6 -10 mm.<br/>For wires of AWG 24-22.<br/>For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>Protection class (Device): IP 20</p> | <b>0219-101</b> | 2CKA000230A0413 | 1/10     |
|  <p><b>Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>   | <b>0210</b>     | 2CKA000225A0078 | 10       |
|  <p><b>Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>   | <b>0211</b>     | 2CKA000225A0086 | 10       |


<sup>1)</sup> With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.




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| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Built-in jack</b><br/>For potential balancing jack cover plate and installation in cover plates.<br/>For devices of 19 mm diameter.<br/>Protection class (Device): IP 20</p> | <b>0471-0-0037</b> | 2CKA000471A0037 | 10       |

|   |                    |                 |    |
|---|--------------------|-----------------|----|
|  <p><b>Potential balancing plug</b><br/>Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.<br/>For potential balancing jack cover plate (connection up to 6 mm<sup>2</sup> crimped or soldered)<br/>Protection class (Device): IP 20</p> | <b>0299-0-0032</b> | 2CKA000299A0032 | 10 |
|---|--------------------|-----------------|----|


|   |                                  |                    |                 |        |
|---|----------------------------------|--------------------|-----------------|--------|
|  <p><b>Blank plate with metal mounting plate</b><br/>Protection class (Device): IP 20</p> | anthracite                       | <b>1742-81</b>     | 2CKA001710A3612 | 10     |
|   | ivory white                      | <b>1742-82</b>     | 2CKA001710A3143 | 10     |
|   | aluminium silver <sup>2)</sup>   | <b>1742-83</b>     | 2CKA001710A3664 | 10     |
|   | studio white                     | <b>1742-84</b>     | 2CKA001710A3161 | 10/100 |
|   | studio white                     | <b>1742-84-500</b> | 2CKA001710A3991 | 10/100 |
|   | studio white, matt <sup>1)</sup> | <b>1742-884</b>    | 2CKA001710A3873 | 10/100 |
|   | black matt <sup>1)</sup>         | <b>1742-885</b>    | 2CKA001710A3895 | 10     |

<sup>1)</sup>Surface painted.

|   |                                  |                 |                 |        |
|---|----------------------------------|-----------------|-----------------|--------|
|  <p><b>Cover plate <sup>1)</sup> 2gang</b><br/>As cover for flex outlet, for cords up to 10.3 mm diameter.<br/>With strain relief (without terminal block).<br/>Protection class (Device): IP 20</p> | anthracite                       | <b>1749-81</b>  | 2CKA001710A3614 | 10     |
|   | ivory white                      | <b>1749-82</b>  | 2CKA001710A3145 | 10     |
|   | aluminium silver <sup>2)</sup>   | <b>1749-83</b>  | 2CKA001710A3665 | 10     |
|   | studio white                     | <b>1749-84</b>  | 2CKA001710A3163 | 10/100 |
|   | studio white, matt <sup>2)</sup> | <b>1749-884</b> | 2CKA001710A3878 | 10     |
|   | black matt <sup>2)</sup>         | <b>1749-885</b> | 2CKA001710A3900 | 10     |


<sup>1)</sup>Cover plate can also be used individually as cover for telephone connector boxes (VDo).

<sup>2)</sup>Surface painted.

| Product  | Article-No.                      | Order-No.          | Pack/Qty        |        |
|--|----------------------------------|--------------------|-----------------|--------|
|  <p><b>Cover plate <sup>1)</sup> 1gang</b><br/>As cover for universal data connection boxes.<br/>Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br/>For WLAN access points 8186/31 and 8186/41.<br/>Brand-Rex (WAEGV 8 EKR/EK).<br/>BTR (universal data connecting unit design and IAE design).<br/>Telegärtner (AMJ 45, UMJ 45).<br/>With down-leading outlet.<br/>With labelling field.<br/>Size of labelling field: 60 x 9 mm.<br/>Protection class (Device): IP 20</p> | anthracite                       | <b>1803-81</b>     | 2CKA001710A3616 | 10     |
|  | ivory white                      | <b>1803-82</b>     | 2CKA001710A3147 | 10     |
|  | aluminium silver <sup>2)</sup>   | <b>1803-83</b>     | 2CKA001710A3674 | 10     |
|  | studio white                     | <b>1803-84-500</b> | 2CKA001710A1550 | 10/100 |
|  | studio white, matt <sup>2)</sup> | <b>1803-884</b>    | 2CKA001710A3889 | 10     |
|  | black matt <sup>2)</sup>         | <b>1803-885</b>    | 2CKA001710A3912 | 10     |

<sup>1)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup>Surface painted.


|   |                                  |                       |                 |        |
|---|----------------------------------|-----------------------|-----------------|--------|
|  <p><b>Cover plate <sup>1)</sup> 2gang</b><br/>As cover for universal data connection boxes.<br/>Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br/>Brand-Rex (WAEGV 8/8 EKR/EK).<br/>AMP (NETCONNECT 5E).<br/>BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).<br/>cti (cti-wire 2.8 Cat.6).<br/>Telegärtner (AMJ 45, UMJ 45).<br/>With down-leading outlet.<br/>With labelling field.<br/>Size of labelling field: 60 x 9 mm.<br/>Protection class (Device): IP 20</p> | anthracite                       | <b>1803-02-81</b>     | 2CKA001710A3615 | 10     |
|   | ivory white                      | <b>1803-02-82</b>     | 2CKA001710A3146 | 10     |
|   | aluminium silver <sup>2)</sup>   | <b>1803-02-83</b>     | 2CKA001710A3610 | 10/100 |
|   | studio white                     | <b>1803-02-84-500</b> | 2CKA001710A1551 | 10/100 |
|   | studio white, matt <sup>2)</sup> | <b>1803-02-884</b>    | 2CKA001710A3888 | 10     |
|   | black matt <sup>2)</sup>         | <b>1803-02-885</b>    | 2CKA001710A3911 | 10     |

<sup>1)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

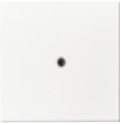
<sup>2)</sup>Surface painted.

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| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1766-81</b>  | 2CKA001710A3613 | 10       |
| ivory white   | <b>1766-82</b>  | 2CKA001710A3144 | 10/100   |
| aluminium silver <sup>1)</sup>  | <b>1766-83</b>  | 2CKA001710A3659 | 10/100   |
| studio white  | <b>1766-84-500</b>  | 2CKA001710A3992 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1766-884</b>   | 2CKA001710A3926 | 10       |
| black matt <sup>1)</sup>  | <b>1766-885</b>   | 2CKA001710A3903 | 10       |

<sup>1)</sup> Surface painted.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate</b><br>As cover for telephone connector boxes (VDo).<br>Can be knocked out for single or double connection.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1745-81</b>   | 2CKA001710A3624 | 10 |
| ivory white   | <b>1745-82</b>   | 2CKA001710A3155 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1745-83</b>   | 2CKA001710A3675 | 10 |
| studio white  | <b>1745-84</b>   | 2CKA001710A3173 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1745-884</b>  | 2CKA001710A3874 | 10 |
| black matt <sup>1)</sup>  | <b>1745-885</b>  | 2CKA001710A3896 | 10 |

<sup>1)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate <sup>1)</sup> socket outlet</b><br>Telephone socket (TDO) |                 |        |
| anthracite  | <b>1762-81-506</b>   | 2CKA001710A4103 | 10/100 |
| ivory white   | <b>1762-82-506</b>   | 2CKA001710A4104 | 10/100 |
| aluminium silver <sup>2)</sup>  | <b>1762-83-506</b>   | 2CKA001710A4105 | 10/100 |
| studio white  | <b>1762-84-506</b>   | 2CKA001710A4106 | 10/100 |
| studio white matt <sup>2)</sup>   | <b>1762-884-506</b>  | 2CKA001710A4108 | 10/100 |
| black matt <sup>2)</sup>  | <b>1762-885-506</b>  | 2CKA001710A4109 | 10/100 |

<sup>1)</sup> Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).


<sup>2)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1) 2)</sup> as cover for standard Radio/TV/SAT socket outlets</b><br>With 2 connectors<br>Acc. to German Standard DIN 45330.<br>Radio/TV/SAT.<br>With M3 fixing screw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1743-81</b>   | 2CKA001724A4252 | 10       |
| ivory white   | <b>1743-82</b>   | 2CKA001724A2758 | 10       |
| aluminium silver <sup>3)</sup>  | <b>1743-83</b>   | 2CKA001724A4262 | 10       |
| studio white  | <b>1743-84-500</b>   | 2CKA001724A4332 | 10/100   |
| studio white, matt <sup>3)</sup>  | <b>1743-884</b>  | 2CKA001724A4293 | 10/100   |
| black matt <sup>3)</sup>  | <b>1743-885</b>  | 2CKA001724A4298 | 10/100   |


<sup>1)</sup> Third opening can be knocked out.

<sup>2)</sup> See inserts for satellite coaxial socket outlets.

<sup>3)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate</b><br>As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>1743-04-81</b>  | 2CKA001724A4374 | 10 |
| ivory white  | <b>1743-04-82</b>  | 2CKA001724A4375 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1743-04-83</b>  | 2CKA001724A4376 | 10 |
| studio white   | <b>1743-04-84</b>  | 2CKA001724A4377 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1743-04-884</b>   | 2CKA001724A4379 | 10 |
| black matt <sup>1)</sup>   | <b>1743-04-885</b>   | 2CKA001724A4380 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate</b><br>As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1743/10-04-81</b>   | 2CKA001724A4365 | 10     |
| ivory white   | <b>1743/10-04-82</b>   | 2CKA001724A4366 | 10     |
| aluminium silver <sup>1)</sup>  | <b>1743/10-04-83</b>   | 2CKA001724A4367 | 10     |
| studio white  | <b>1743/10-04-84</b>   | 2CKA001724A4368 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1743/10-04-884</b>  | 2CKA001724A4370 | 10     |
| black matt <sup>1)</sup>  | <b>1743/10-04-885</b>  | 2CKA001724A4371 | 10     |

<sup>1)</sup> Surface painted.


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| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> with labelling field</b><br>For modular jack with slide entrance.<br>To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820.<br>Size of labelling field: 60 x 9 mm.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1800-81</b>   | 2CKA001710A3627 | 10       |
| ivory white   | <b>1800-82</b>   | 2CKA001710A3158 | 10       |
| aluminium silver <sup>2)</sup>  | <b>1800-83</b>   | 2CKA001710A3676 | 10       |
| studio white  | <b>1800-84-500</b>   | 2CKA001710A3990 | 10/100   |
| studio white, matt <sup>2)</sup>  | <b>1800-884</b>  | 2CKA001710A3887 | 10       |
| black matt <sup>2)</sup>  | <b>1800-885</b>  | 2CKA001710A3910 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>2)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate</b><br>For 1 modular jack.<br>Suitable for Art. Nos. 0210, 0211 and 0219-101.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>2561-81</b>   | 2CKA001753A0400 | 10 |
| ivory white  | <b>2561-82</b>   | 2CKA001753A0401 | 10 |
| aluminium silver <sup>1)</sup>   | <b>2561-83</b>   | 2CKA001753A0402 | 10 |
| studio white   | <b>2561-84</b>   | 2CKA001753A0403 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2561-884</b>  | 2CKA001753A0405 | 10 |
| black matt <sup>1)</sup>   | <b>2561-885</b>  | 2CKA001753A0406 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate</b><br>For 2 modular jack inserts.<br>Suitable for Art. No. 0210 and 0211.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2561-02-81</b>   | 2CKA001753A0317 | 10 |
| ivory white   | <b>2561-02-82</b>   | 2CKA001753A0392 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2561-02-83</b>   | 2CKA001753A0393 | 10 |
| studio white  | <b>2561-02-84</b>   | 2CKA001753A0394 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2561-02-884</b>  | 2CKA001753A0396 | 10 |
| black matt <sup>1)</sup>  | <b>2561-02-885</b>  | 2CKA001753A0397 | 10 |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1746/10-81</b>  | 2CKA001710A3628 | 10       |
| ivory white   | <b>1746/10-82</b>  | 2CKA001710A3521 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1746/10-83</b>  | 2CKA001710A3677 | 10       |
| studio white  | <b>1746/10-84-500</b>  | 2CKA001710A3993 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1746/10-884</b>   | 2CKA001710A3875 | 10       |
| black matt <sup>1)</sup>  | <b>1746/10-885</b>   | 2CKA001710A3897 | 10       |


<sup>1)</sup> Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Intermediate ring Reflex SI/SI Linear</b><br>For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range.<br>Protection class (Device): IP 20 |                 |    |
| ivory white  | <b>1747 SI-82</b>  | 2CKA001710A3862 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1747 SI-83</b>  | 2CKA001710A4091 | 10 |
| studio white   | <b>1747 SI-84</b>  | 2CKA001710A3863 | 10 |

<sup>1)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Intermediate ring Busch-balance® SI</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1747 BSI-81</b>  | 2CKA001710A4093 | 10     |
| ivory white   | <b>1747 BSI-82</b>  | 2CKA001710A4094 | 10     |
| aluminium silver <sup>1)</sup>  | <b>1747 BSI-83</b>  | 2CKA001710A4095 | 10     |
| studio white  | <b>1747 BSI-84</b>  | 2CKA001710A4096 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1747 BSI-884</b>   | 2CKA001710A4098 | 10     |
| black matt <sup>1)</sup>  | <b>1747 BSI-885</b>   | 2CKA001710A4099 | 10     |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate</b><br>With hinged lid. For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1746-81</b>  | 2CKA001710A3618 | 10 |
| ivory white   | <b>1746-82</b>  | 2CKA001710A3149 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1746-83</b>  | 2CKA001710A3678 | 10 |
| studio white  | <b>1746-84</b>  | 2CKA001710A3167 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1746-884</b>   | 2CKA001710A3876 | 10 |
| black matt <sup>1)</sup>  | <b>1746-885</b>   | 2CKA001710A3898 | 10 |

<sup>1)</sup> Surface painted.


## future® linear

### Data communication


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Intermediate ring with hinged lid <sup>1)</sup><br/>Busch-balance® SI</b><br>For attaching cover plates from the Busch-balance® SI range.<br>Delivery without cover plate.<br>With sealing ring.<br>With hinged lid.<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 63 mm x 63 mm x 20 mm |                 |          |
| anthracite  | <b>2518-WD-81</b>   | 2CKA001719A0217 | 10       |
| ivory white   | <b>2518-WD-82</b>   | 2CKA001719A0218 | 10       |
| aluminium silver <sup>2)</sup>  | <b>2518-WD-83</b>   | 2CKA001719A0219 | 10       |
| studio white  | <b>2518-WD-84</b>   | 2CKA001719A0220 | 10       |
| studio white, matt <sup>2)</sup>  | <b>2518-WD-884</b>  | 2CKA001719A0222 | 10       |
| black matt <sup>2)</sup>  | <b>2518-WD-885</b>  | 2CKA001719A0223 | 10       |

<sup>1)</sup> Combinable only with covers for flush-mounted inserts


<sup>2)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>XLR centre plate</b><br>As cover for Neutrik plug connectors, type D series.<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2553-81</b>  | 2CKA001724A4399 | 10 |
| ivory white   | <b>2553-82</b>  | 2CKA001724A4400 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2553-83</b>  | 2CKA001724A4401 | 10 |
| studio white  | <b>2553-84</b>  | 2CKA001724A4402 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2553-884</b>   | 2CKA001724A4404 | 10 |
| black matt <sup>1)</sup>  | <b>2553-885</b>   | 2CKA001724A4405 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate with metal mounting plate</b><br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Knock-out openings 6, 8, 18 mm.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1748-81</b>  | 2CKA001710A3654 | 10 |
| ivory white   | <b>1748-82</b>  | 2CKA001710A3655 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1748-83</b>  | 2CKA001710A3673 | 10 |
| studio white  | <b>1748-84</b>  | 2CKA001710A3656 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1748-884</b>   | 2CKA001710A3877 | 10 |
| black matt <sup>1)</sup>  | <b>1748-885</b>   | 2CKA001710A3899 | 10 |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate with metal mounting plate</b><br>As cover for BNC and TNC sockets.<br>Knock-out openings 6, 8, 18 mm.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1750-81</b>   | 2CKA001710A3617 | 10       |
| ivory white   | <b>1750-82</b>   | 2CKA001710A3148 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1750-83</b>   | 2CKA001710A3679 | 10       |
| studio white  | <b>1750-84</b>   | 2CKA001710A3166 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1750-884</b>  | 2CKA001710A3879 | 10       |
| black matt <sup>1)</sup>  | <b>1750-885</b>  | 2CKA001710A3901 | 10       |

<sup>1)</sup> Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Equipotential socket outlet 2gang</b><br>Without claws.<br>For connecting wires up to 1 x 6 mm <sup>2</sup> and 4 x 2.5 mm <sup>2</sup> .<br>IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007<br>Connection bolts German Standard DIN 42801.<br>Protection class (Device): IP 20 |                 |    |
| anthracite   | <b>2095 UC-81</b>   | 2CKA002495A0084 | 10 |
| ivory white  | <b>2095 UC-82</b>   | 2CKA002495A0085 | 10 |
| aluminium silver <sup>1)</sup>   | <b>2095 UC-83</b>   | 2CKA002495A0089 | 10 |
| studio white   | <b>2095 UC-84</b>   | 2CKA002495A0086 | 10 |
| studio white, matt <sup>1)</sup>   | <b>2095 UC-884</b>  | 2CKA002495A0091 | 10 |
| black matt <sup>1)</sup>   | <b>2095 UC-885</b>  | 2CKA002495A0092 | 10 |


<sup>1)</sup> Surface painted.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate with metal mounting plate</b><br>With screw-type terminal.<br>Fixed with central locknut.<br>As cover for pilot devices with a diameter of 22.5 mm<br>Without claws.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>2533-81</b>  | 2CKA001724A4254 | 10 |
| ivory white   | <b>2533-82</b>  | 2CKA001724A4255 | 10 |
| yellow  | <b>2533-82-15</b>   | 2CKA001724A4382 | 10 |
| aluminium silver <sup>1)</sup>  | <b>2533-83</b>  | 2CKA001724A4261 | 10 |
| studio white  | <b>2533-84</b>  | 2CKA001724A4256 | 10 |
| studio white, matt <sup>1)</sup>  | <b>2533-884</b>   | 2CKA001724A4296 | 10 |
| black matt <sup>1)</sup>  | <b>2533-885</b>   | 2CKA001724A4301 | 10 |

<sup>1)</sup> Surface painted.


## future® linear

### Data communication

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup><br/>with metal mounting plate</b><br>for communication devices.<br>With labelling field 60.2 x 10.2 mm.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1758-81</b>   | 2CKA001724A4253 | 10       |
| ivory white   | <b>1758-82</b>   | 2CKA001724A2759 | 10       |
| aluminium<br>silver <sup>2)</sup>   | <b>1758-83</b>   | 2CKA001724A4263 | 10       |
| studio white  | <b>1758-84</b>   | 2CKA001724A2761 | 10/100   |
| studio white,<br>matt <sup>2)</sup>   | <b>1758-884</b>  | 2CKA001724A4307 | 10       |
| black matt <sup>2)</sup>  | <b>1758-885</b>  | 2CKA001724A4299 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>2)</sup> Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Intermediate ring</b><br>For attaching cover plates with the dimensions of 55 x 55 mm.<br>Protection class (Device): IP 20 |                 |    |
| ivory white  | <b>1747-82</b>  | 2CKA001710A3860 | 10 |
| aluminium<br>silver <sup>1)</sup>  | <b>1747-83</b>  | 2CKA001710A4090 | 10 |
| studio white   | <b>1747-84</b>  | 2CKA001710A3861 | 10 |


<sup>1)</sup> Surface painted.

## future® linear


### Multimedia / communication adapters

| Product  | Article-No.           | Order-No.       | Pack/Qty |
|--|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio DAB+ <sup>1)</sup></b><br/>           DAB+ and RDS stereo radio alarm clock for flush-mounted installation. With high-resolution colour display for showing additional information.<br/>           Reception frequency: 87.50 MHz - 108.00 MHz.<br/>           Receive frequency (DAB+): 174 MHz - 240 MHz.<br/>           With external AUX input/output, reversible.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With individual alarm and snooze function.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated antenna.<br/>           With additional connection for external antenna.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Control element: 4-button operation via floating rocker<br/>           Display elements: ICU graphic display with 280 DPI.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Control/Signal outputs: 2, Loudspeaker output, impedance 4 Ohm<br/>           Rated power: 2 W (RMS)<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/>           Mounting depth: 32 mm</p> | <b>8215 U-101-500</b> | 2CKA008200A0276 | 1/10     |


<sup>1)</sup> No claw. Screw-fixing via keyholes.

|  |                           |                 |   |
|--|---------------------------|-----------------|---|
|  <p><b>Busch-Radio DAB+, complete set <sup>1)</sup></b><br/>           Ready-to-install DAB+ radio alarm clock for mono operation (set packaged). With high-resolution colour display for showing additional information. Consisting of the Busch-Radio DAB+ 8215 U-101. Consisting of speaker insert 8223 U. Consisting of the cover plate for Busch-Radio 8252-84-101. Consisting of cover plate for speaker insert 8253-84. Consisting of 2gang future® linear cover frame 1722-184K.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 150 mm x 80 mm x 49 mm<br/>           Mounting depth: 32 mm</p> | <b>8220 UJ-84-101-500</b> | 2CKA008200A0234 | 1 |
|--|---------------------------|-----------------|---|

<sup>1)</sup> No claw. Screw-fixing via keyholes.

| Product  | Article-No.           | Order-No.       | Pack/Qty |
|--|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio BTconnect DAB+ <sup>1)</sup></b><br/> <b>With Bluetooth interface for music replay.</b><br/>           DAB+ and RDS stereo radio alarm clock for flush-mounted installation. With high-resolution colour display for showing additional information.<br/>           With Bluetooth interface for music replay of mobile devices. Connection of external Bluetooth loudspeakers possible. Reception frequency: 87.50 MHz - 108.00 MHz.<br/>           Receive frequency (DAB+): 174 MHz - 240 MHz.<br/>           With external AUX input/output, reversible. For mono/stereo operation. 8 radio stations storable. With time and date display. With individual alarm and snooze function. With automatic switch-off function (automatic sleep mode). With extension input to remote-controlled ON/OFF switches. With integrated antenna. With additional connection for external antenna. Permitted speaker impedance: 4 - 8 Ohm. Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.2. Bluetooth profiles supported: A2DP. Number of stored Bluetooth connections: max. 8<br/>           Control element: 4-button operation via floating rocker<br/>           Display elements: ICU graphic display with 280 DPI.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 2 W (RMS)<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/>           Mounting depth: 32 mm</p> <p> <b>Bluetooth™</b></p> | <b>8217 U-101-500</b> | 2CKA008200A0279 | 1/10     |


<sup>1)</sup> No claw. Screw-fixing via keyholes.

|  |                           |                 |   |
|--|---------------------------|-----------------|---|
|  <p><b>Busch-Radio BTconnect DAB+, complete set <sup>1)</sup></b><br/> <b>With Bluetooth interface for music replay.</b><br/>           Ready-to-install DAB+ radio alarm clock for mono operation (set packaged). With high-resolution colour display for showing additional information. With Bluetooth interface for music replay of mobile devices. Connection of external Bluetooth loudspeakers possible. Consisting of the Busch-Radio BTconnect DAB+ 8217 U-101. Consisting of speaker insert 8223 U. Consisting of the cover plate for Busch-Radio 8252-84-101. Consisting of cover plate for speaker insert 8253-84. Consisting of 2gang future® linear cover frame 1722-184K.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 150 mm x 80 mm x 49 mm<br/>           Mounting depth: 32 mm</p> | <b>8270 UJ-84-101-500</b> | 2CKA008200A0237 | 1 |
|--|---------------------------|-----------------|---|

<sup>1)</sup> No claw. Screw-fixing via keyholes.

## future® linear

### Multimedia / communication adapters


| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-Radio iNet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>           WLAN Internet radio alarm clock for flush-mounted installation. For the reception of national and international radio stations via Internet. Radio station search possible via various genres. With high resolution graphic display and background illumination. With external AUX input. Integrated web-server for configuration and control. Remote operation with smartphone via browser surface. UPnP replay function. It is controlled via smartphone. For mono/ stereo operation. 8 radio stations storable. With time and date display. With alarm function. With short-time timer. With automatic switch-off function (automatic sleep mode). With extension input to remote-controlled ON/OFF switches. With integrated WLAN antenna. WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz). WLAN safety: WPA / WPA2. Permitted speaker impedance: 4 - 8 Ohm Can be installed as 1gang and in multiple combinations. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm Mounting depth: 33 mm</p> <p><b>APP</b></p> | <b>8216 U-500</b> | 2CKA008200A0153 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.

<sup>2)</sup> Matching loudspeaker insert 8223 U.



<sup>3)</sup> Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

<sup>4)</sup> To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.


|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>Busch-Radio iNet <sup>1)</sup> <sup>2)</sup> complete set</b><br/>           Ready-to-install WLAN Internet radio alarm clock for mono operation (set packaged). Consisting of the Busch-Radio iNet 8216 U. Consisting of speaker insert 8223 U. Consisting of the cover plate for the Busch-Radio iNet. Consisting of cover plate for speaker insert 8253-84. Consisting of 2gang future® linear cover frame 1722-184K. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Dimensions: (L x W x D): 150 mm x 80 mm x 50 mm Mounting depth: 33 mm</p> <p><b>APP</b></p> | <b>8240-84-500</b> | 2CKA008200A0156 | 1 |
|---|--------------------|-----------------|---|

<sup>1)</sup> No claw. Screw-fixing via keyholes.

<sup>2)</sup> To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Flush Mounted Inserts Flush-mounted installation boxes and inserts</b><br/>           Multi media connector ins.</p>  | <b>8231 U</b>     | 2CKA008200A0223 | 1/10     |
|  <p><b>Loudspeaker insert <sup>1)</sup> 5 cm (2")</b><br/>           With flat plug connector. With broadband characteristics. Rated output: 2 W (RMS) Incl. speaker connection cable. Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm Protection class (Device): IP 20, SELV Mounting depth: 32 mm</p> | <b>8223 U-500</b> | 2CKA008200A0183 | 1/10     |

<sup>1)</sup> No claw. Screw-fixing via keyholes.

|  |                   |                 |      |
|--|-------------------|-----------------|------|
|  <p><b>Busch-powerDock Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>           For charging and supplying mobile terminal devices. With quick charging function for devices compatible with quick-charge™. Makes possible fast charging of the mobile terminal device. Rated voltage: 100 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Suitable for: Apple terminal device Rated current: 2.1 A Output voltage: 5 V- Suitable for: Terminal device with USB-C connection Rated current: 2.1 A Output voltage: 5 V- Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function. Rated current: 2 A Output voltage: 9 V- Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 32 mm</p> | <b>6473 U-500</b> | 2CKA006400A0039 | 1/10 |
|--|-------------------|-----------------|------|

<sup>1)</sup> No claw. Screw-fixing via keyholes.

<sup>2)</sup> The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.

<sup>3)</sup> In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.




<sup>4)</sup> In these cases the quick-charging function of the terminal device is not enabled.

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### Multimedia / communication adapters

| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Busch-powerDock Charging cradle with Apple lightning connection <sup>1)</sup></b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with lightning connection.<br/>           For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.<br/>           For iPhone 8 Plus, iPhone 8.<br/>           For iPhone 7 Plus, iPhone 7.<br/>           For iPhone SE.<br/>           For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.<br/>           For iPhone 5s, iPhone 5c, iPhone 5.<br/>           For iPod touch (6th generation), iPod nano (7th generation).<br/>           Suitable for use with protective covers certified by Apple.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473-500</b> | 2CKA006400A0081 | 1/10     |

<sup>1)</sup> Not released for use with the iPad.


|  |                    |                 |   |
|--|--------------------|-----------------|---|
|  <p><b>Busch-powerDock complete set with lightning connector <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/>           Complete set ready to install for charging mobile terminal devices with Apple lightning connection.<br/>           Makes possible fast charging of the mobile terminal device.<br/>           For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.<br/>           For iPhone 8 Plus, iPhone 8.<br/>           For iPhone 7 Plus, iPhone 7.<br/>           For iPhone SE.<br/>           For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.<br/>           For iPhone 5s, iPhone 5c, iPhone 5.<br/>           For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).<br/>           Suitable for use with protective covers certified by Apple.<br/>           Consisting of Busch-powerDock insert 6473 U.<br/>           Consisting of Busch-powerDock charging cradle with lightning connection 6473.<br/>           Consisting of the cover plate for the Busch-powerDock charging cradle.<br/>           Consisting of 1gang future® linear cover frames.<br/>           Rated voltage: 100 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Suitable for: Apple terminal device<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 81 mm x 81 mm x 74 mm<br/>           Mounting depth: 32 mm</p> <p>Made for<br/>  iPod  iPhone</p> | <b>6480-84-500</b> | 2CKA006400A0045 | 1 |
|--|--------------------|-----------------|---|


<sup>1)</sup> No claw. Screw-fixing via keyholes.

<sup>2)</sup> Not released for use with the iPad.

<sup>3)</sup> "Made for iPod" and "Made for iPhone" means that an electronic accessory has been specially designed for connection to an iPod or iPhone and meets the respective Apple performance specifications that have been confirmed by the designer.

Apple is not responsible for the function of this device or its conformity with safety standards and regulatory standards.

|  |                    |                 |      |
|--|--------------------|-----------------|------|
|  <p><b>Busch-powerDock Charging cradle with USB-C connection</b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with USB-C connection.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473/11-500</b> | 2CKA006400A0083 | 1/10 |
|--|--------------------|-----------------|------|


| Product  | Article-No.           | Order-No.       | Pack/Qty |
|--|-----------------------|-----------------|----------|
|  <p><b>Busch-powerDock Complete set with USB-C connection <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>           Complete set ready to install for charging mobile terminal devices with USB-C connection.<br/>           With quick charging function for devices compatible with quick-charge™.<br/>           Makes possible fast charging of the mobile terminal device.<br/>           Consisting of Busch-powerDock insert 6473 U.<br/>           Consisting of Busch-powerDock charging cradle with USB-C connection 6473/11.<br/>           Consisting of the cover plate for the Busch-powerDock charging cradle.<br/>           Consisting of 1gang future® linear cover frames.<br/>           Rated voltage: 100 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Suitable for: Terminal device with USB-C connection<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge™ function.<br/>           Rated current: 2 A<br/>           Output voltage: 9 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 81 mm x 81 mm x 74 mm<br/>           Mounting depth: 32 mm</p> | <b>6480/11-84-500</b> | 2CKA006400A0047 | 1        |
| studio white   |                       |                 |          |

<sup>1)</sup> No claw. Screw-fixing via keyholes.

<sup>2)</sup> The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.

<sup>3)</sup> In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

<sup>4)</sup> In these cases the quick-charging function of the terminal device is not enabled.

|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>With USB-A &amp; USB-C interface</b><br/>           For supply and support of mobile devices via USB-cable.<br/>           With USB type A and USB type C female connector.<br/>           To support two devices at the same time.<br/>           Supports automatic negotiating of optimum charging parameters for the shortest charging times.<br/>           Support of loading protocol on the USB-A connection:<br/>           Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>           Support of the additional quick-charge protocols:<br/>           USB-PD and quick-charge 3.0 &amp; 4.0.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Rated voltage: 220 - 230 V AC<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 2x USB charging interface<br/>           Suitable for: Only USB-A bus occupied:<br/>           Rated current: 3000 mA<br/>           Output voltage: 5 V-<br/>           Suitable for: Only USB-C bus occupied:<br/>           Rated power: 18 W</p> | <b>6475 U-500</b> | 2CKA006400A0399 | 1 |
|--|-------------------|-----------------|---|

<sup>1)</sup> No claw. Screw-fixing via keyholes.


<sup>2)</sup> No data transfer.


<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.





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### Multimedia / communication adapters


| Product   | Article-No.  | Order-No.          | Pack/Qty        |   |
|---|--|--------------------|-----------------|---|
|  <p><b>HDMI connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.<br/>           HDMI-type A, 3D-compatible.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 20-wire HDMI-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white  | <b>0261/31-500</b> | 2CKA000230A0430 | 1 |
|   | grey   | <b>0261/33-500</b> | 2CKA000230A0432 | 1 |
|   | alpine white   | <b>0261/32-500</b> | 2CKA000230A0431 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths. |                    |                 |   |

|  |   |                    |                 |   |
|--|---|--------------------|-----------------|---|
|  <p><b>VGA connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link analogue video data between PCs and laptops to monitors or digital projectors etc.<br/>           VGA-type: D-type, 15-pole.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 15-wire VGA-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white   | <b>0261/21-500</b> | 2CKA000230A0424 | 1 |
|  | grey  | <b>0261/23-500</b> | 2CKA000230A0426 | 1 |
|  | alpine white  | <b>0261/22-500</b> | 2CKA000230A0425 | 1 |
|  | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. VGA cable lengths. |                    |                 |   |

| Product   | Article-No.   | Order-No.          | Pack/Qty        |   |
|---|---|--------------------|-----------------|---|
|  <p><b>USB connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc.<br/>           USB-type A, USB 2.0 compatible.<br/>           For 5-wire USB- cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white   | <b>0261/11-500</b> | 2CKA000230A0418 | 1 |
|   | grey  | <b>0261/13-500</b> | 2CKA000230A0420 | 1 |
|   | alpine white  | <b>0261/12-500</b> | 2CKA000230A0419 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. USB cable lengths. |                    |                 |   |







|   |   |                    |                 |   |
|---|---|--------------------|-----------------|---|
|  <p><b>Communication adapter for BNC-F Duct-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | white   | <b>0262/11-500</b> | 2CKA000230A0436 | 1 |
|   | grey  | <b>0262/13-500</b> | 2CKA000230A0438 | 1 |
|   | alpine white  | <b>0262/12-500</b> | 2CKA000230A0437 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. BNC-F cable lengths. |                    |                 |   |





|   |   |                 |                 |   |
|---|---|-----------------|-----------------|---|
|  <p><b>F duct-jack for communication adapter</b><br/>           For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver.<br/>           With screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Protection class (Device): IP 20</p> | metal clad  | <b>0262-500</b> | 2CKA000230A0440 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. F cable lengths. |                 |                 |   |

|  |   |                    |                 |   |
|--|---|--------------------|-----------------|---|
|  <p><b>Communication adapter for Cinch-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | white   | <b>0263/11-500</b> | 2CKA000230A0444 | 1 |
|  | grey  | <b>0263/13-500</b> | 2CKA000230A0446 | 1 |
|  | alpine white  | <b>0263/12-500</b> | 2CKA000230A0445 | 1 |
|  | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. Cinch cable lengths. |                    |                 |   |

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### Multimedia / communication adapters

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked white: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| alpine white  | <b>0263/04-500</b>  | 2CKA000230A0451 | 1        |
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked black: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| black   | <b>0263/05-500</b>  | 2CKA000230A0452 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked red: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| Red   | <b>0263/06-500</b>  | 2CKA000230A0453 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.<br>Marked yellow: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20   |                 |          |
| yellow  | <b>0263/07-500</b>  | 2CKA000230A0454 | 1        |
|  | <b>Communication adapter for Mini-jacks 3,5mm.</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To support 1 or 2 jacks.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0264/11-500</b>  | 2CKA000230A0458 | 1        |
| grey  | <b>0264/13-500</b>  | 2CKA000230A0460 | 1        |
| alpine white  | <b>0264/12-500</b>  | 2CKA000230A0459 | 1        |
|  | <b>Mini-jack 3,5 mm for communication adapter</b><br>For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones.<br>Audio-band 20Hz - 20kHz.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| chrome gloss  | <b>0264-500</b>   | 2CKA000230A0462 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0248/02-101</b>  | 2CKA000230A0402 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |   |                 |          |
|    | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>0248/05-101</b>  | 2CKA000230A0404 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |   |                 |          |
|  | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>0248/05-101</b>  | 2CKA000230A0404 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |   |                 |          |
|  | <b>Cover plate</b><br>For Busch-Radio DAB+ 8215 U-101.<br>For Busch-Radio BTconnect DAB+ 8217 U-101.<br>For Busch-Radio iNet 8216 U.  |                 |          |
| anthracite  | <b>8252-81-101-500</b>  | 2CKA008200A0249 | 10       |
| ivory white   | <b>8252-82-101-500</b>  | 2CKA008200A0251 | 10       |
| aluminium silver 1)   | <b>8252-83-101-500</b>  | 2CKA008200A0253 | 10       |
| studio white  | <b>8252-84-101-500</b>  | 2CKA008200A0255 | 10       |
| studio white matt 1)  | <b>8252-884-101-500</b>   | 2CKA008200A0259 | 10       |
| black matt 1)   | <b>8252-885-101-500</b>   | 2CKA008200A0261 | 10       |
| <sup>1)</sup> Surface painted.  |   |                 |          |

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### Multimedia / communication adapters

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate</b><br>For loudspeaker insert 8223 U. |                 |          |
| anthracite  | <b>8253-81</b>                                       | 2CKA008200A0078 | 1/10     |
| ivory white   | <b>8253-82</b>                                       | 2CKA008200A0079 | 1/10     |
| aluminium silver <sup>1)</sup>  | <b>8253-83</b>                                       | 2CKA008200A0080 | 1/10     |
| studio white  | <b>8253-84</b>                                       | 2CKA008200A0081 | 1/10     |
| studio white, matt <sup>1)</sup>  | <b>8253-884</b>                                      | 2CKA008200A0123 | 1/10     |
| black matt <sup>1)</sup>  | <b>8253-885</b>                                      | 2CKA008200A0126 | 1/10     |


<sup>1)</sup> Surface painted.

|  |  |                 |      |
|--|--|-----------------|------|
|  | <b>CoverPlates (partly incl. Insert) Hotel application</b><br>C-plate media connector. |                 |      |
| studio white   | <b>8256-81</b>   | 2CKA008200A0227 | 1/10 |
| aluminium silver <sup>1)</sup>   | <b>8256-82</b>   | 2CKA008200A0229 | 1/10 |
| studio white, matt <sup>1)</sup>   | <b>8256-83</b>   | 2CKA008200A0225 | 1/10 |
| anthracite   | <b>8256-84</b>   | 2CKA008200A0224 | 1/10 |
| black matt <sup>1)</sup>   | <b>8256-884</b>  | 2CKA008200A0226 | 1/10 |
| ivory white  | <b>8256-885</b>  | 2CKA008200A0228 | 1/10 |


<sup>1)</sup> Surface painted.

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6472 U-500-101.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |        |
| anthracite  | <b>1766-81</b>  | 2CKA001710A3613 | 10     |
| ivory white   | <b>1766-82</b>  | 2CKA001710A3144 | 10/100 |
| aluminium silver <sup>1)</sup>  | <b>1766-83</b>  | 2CKA001710A3659 | 10/100 |
| studio white  | <b>1766-84-500</b>  | 2CKA001710A3992 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>1766-884</b>   | 2CKA001710A3926 | 10     |
| black matt <sup>1)</sup>  | <b>1766-885</b>   | 2CKA001710A3903 | 10     |


<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate with metal mounting plate</b><br>With fixing claws.<br>loudspeaker inserts and cover.<br>With soldering tag.<br>For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1751-81</b>  | 2CKA001723A0253 | 10       |
| ivory white   | <b>1751-82</b>  | 2CKA001723A0239 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1751-83</b>  | 2CKA001723A0254 | 10       |
| studio white  | <b>1751-84</b>  | 2CKA001723A0240 | 10/100   |
| studio white, matt <sup>1)</sup>  | <b>1751-884</b>   | 2CKA001723A0260 | 10       |
| black matt <sup>1)</sup>  | <b>1751-885</b>   | 2CKA001723A0259 | 10       |

<sup>1)</sup> Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate with rotary control, with marking</b><br>As a cover for volume controllers.<br>Suitable for the >LR mono BJ FM< devices of WHD.<br>Protection class (Device): IP 20 |                 |    |
| anthracite  | <b>1740 DR/03-81</b>   | 2CKA001710A4120 | 10 |
| ivory white   | <b>1740 DR/03-82</b>   | 2CKA001710A3807 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1740 DR/03-83</b>   | 2CKA001710A3811 | 10 |
| studio white  | <b>1740 DR/03-84</b>   | 2CKA001710A3808 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1740 DR/03-884</b>  | 2CKA001710A3870 | 10 |
| black matt <sup>1)</sup>  | <b>1740 DR/03-885</b>  | 2CKA001710A3892 | 10 |


<sup>1)</sup> Surface painted.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Cover plate for Busch-powerDock</b><br>For Busch-powerDock charging cradle. |                 |        |
| anthracite  | <b>6477-81</b>   | 2CKA006400A0056 | 10     |
| ivory white   | <b>6477-82</b>   | 2CKA006400A0057 | 10     |
| aluminium silver <sup>1)</sup>  | <b>6477-83</b>   | 2CKA006400A0058 | 10     |
| studio white  | <b>6477-84</b>   | 2CKA006400A0059 | 10/100 |
| studio white, matt <sup>1)</sup>  | <b>6477-884</b>  | 2CKA006400A0062 | 10     |
| black matt <sup>1)</sup>  | <b>6477-885</b>  | 2CKA006400A0063 | 10     |

<sup>1)</sup> Surface painted.

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### Room thermostats

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)</b><br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1094 U-500</b>  | 2CKA001032A0512 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)</b><br><b>Slide switch</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 U-500</b>  | 2CKA001032A0514 | 1/10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |      |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |      |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)</b><br><b>Sliding switch, 24 V</b><br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 24 V~<br>Rated current: 1 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1096 U</b>  | 2CKA001032A0485 | 1        |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1)</sup> 2) 3)</b><br><b>1gang 2way</b><br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1097 U-500</b>  | 2CKA001032A0513 | 1/10 |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |      |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |      |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

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### Room thermostats

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1094 UTA</b>  | 2CKA001032A0487 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Sliding switch, actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 UTA</b>   | 2CKA001032A0488 | 1/10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Sliding switch, actual value indication, 24 V</b><br>With actual value temperature display<br>Automatic controller calibration<br>Switch contact opens when the set temperature is reached.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>With fixing claws.<br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 24 V~<br>Rated current: 1 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1096 UTA</b>   | 2CKA001032A0489 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 .


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Change-over contact, actual value indication</b><br>With actual value temperature display<br>Automatic controller calibration<br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1097 UTA</b>   | 2CKA001032A0490 | 1/10 |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Room thermostat, flush-mounted<sup>1) 2) 3)</sup><br/>Change-over contact, setpoint indication, timer</b><br>With change-over contact.<br>Easy adjustment using menu and text-based display.<br>4 switching times per day can be user-defined for each day of the week.<br>With fixing claws.<br>Automatic summer/wintertime switch-over<br>Power reserve > 10 hours.<br>To fit cover plate 6435-xxx.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9 |                 |      |
|   | <b>1098 U-101</b>  | 2CKA001032A0508 | 1/10 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

## future® linear

### Room thermostats


| Product   | Article-No.    | Order-No.       | Pack/Qty |
|---|----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><br/> <b>Remote sensor</b><br/>           With remote sensor and thermal feedback<br/>           For underfloor heating.<br/>           With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Remote sensor cable length: 4 m.<br/>           Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br/>           Adjusting range: +10 to +50° C.<br/>           Connecting cable: 1mm<sup>2</sup> to 2.5 mm<sup>2</sup><br/>           Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 16 A, cos φ 1<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1095 UF</b> | 2CKA001032A0497 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

|  |                    |                 |      |
|--|--------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><sup>2)</sup><br/> <b>Change-over contact, setpoint indication, timer, remote sensor</b><br/>           With change-over contact.<br/>           Easy adjustment using menu and text-based display.<br/>           4 switching times per day can be user-defined for each day of the week.<br/>           With fixing claws.<br/>           Automatic summer/wintertime switch-over<br/>           Remote sensor cable length: 4 m.<br/>           Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br/>           Power reserve &gt; 10 hours<br/>           To fit cover plate 6435-xxx.<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Rated current: 16 A<br/>           Temperature range (Device): 10 °C to 50 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9</p> | <b>1098 UF-101</b> | 2CKA001032A0509 | 1/10 |
|--|--------------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><sup>2)</sup> <sup>3)</sup><br/> <b>Heating/cooling</b><br/>           With separate connection (230 V~) for external switchover between heating or cooling.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Nominal current: 10 A heating<br/>           Nominal current: 5 A cooling<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1099 UHK</b> | 2CKA001032A0515 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|  |                   |                 |      |
|--|-------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted<sup>1)</sup></b><sup>2)</sup> <sup>3)</sup><br/> <b>Heating/cooling, sliding switch</b><br/>           With built-in sliding switch for switchover between cooling or heating.<br/>           Switch contact opens when the set temperature is reached.<br/>           With fixing claws.<br/>           Nominal current: 10 A heating<br/>           Nominal current: 5 A cooling<br/>           Class of temperature controller 1<br/>           Contribution to space heating energy efficiency 1,0%.<br/>           Rated voltage: 230 V~<br/>           Temperature range (Device): 5 °C to 30 °C<br/>           Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1099 UHKEA</b> | 2CKA001032A0516 | 1/10 |
|--|-------------------|-----------------|------|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.


<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Cover plate for room thermostat</b><br/>           For room thermostats 1094 U, 1097 U.</p> |                 |                 |          |
| anthracite  | <b>1794-81</b>  | 2CKA001710A3629 | 10       |
| ivory white   | <b>1794-82</b>  | 2CKA001710A3543 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1794-83</b>  | 2CKA001710A3668 | 10       |
| studio white  | <b>1794-84</b>  | 2CKA001710A3544 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1794-884</b> | 2CKA001710A3884 | 10       |
| black matt <sup>1)</sup>  | <b>1794-885</b> | 2CKA001710A3907 | 10       |


<sup>1)</sup> Surface painted.

## future® linear


### Room thermostats

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for room thermostat</b><br>With sliding switch for nightly room temperature reduction. to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF. |                 |          |
| anthracite  | <b>1795-81</b>  | 2CKA001710A3630 | 10       |
| ivory white   | <b>1795-82</b>  | 2CKA001710A3568 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1795-83</b>  | 2CKA001710A3669 | 10       |
| studio white  | <b>1795-84</b>  | 2CKA001710A3569 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1795-884</b>   | 2CKA001710A3886 | 10       |
| black matt <sup>1)</sup>  | <b>1795-885</b>   | 2CKA001710A3909 | 10       |

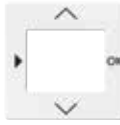
<sup>1)</sup>Surface painted.

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room thermostats 1094 UTA, 1097 UTA. |                 |    |
| anthracite   | <b>1794 TA-81</b>  | 2CKA001710A3695 | 10 |
| ivory white  | <b>1794 TA-82</b>  | 2CKA001710A3696 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1794 TA-83</b>  | 2CKA001710A3697 | 10 |
| studio white   | <b>1794 TA-84</b>  | 2CKA001710A3698 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1794 TA-884</b>   | 2CKA001710A3883 | 10 |
| black matt <sup>1)</sup>   | <b>1794 TA-885</b>   | 2CKA001710A3906 | 10 |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>With sliding switch for nightly room temperature reduction. For room thermostats 1095 UTA, 1096 UTA. |                 |    |
| anthracite  | <b>1795 TA-81</b>  | 2CKA001710A3722 | 10 |
| ivory white   | <b>1795 TA-82</b>  | 2CKA001710A3723 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1795 TA-83</b>  | 2CKA001710A3724 | 10 |
| studio white  | <b>1795 TA-84</b>  | 2CKA001710A3725 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1795 TA-884</b>   | 2CKA001710A3885 | 10 |
| black matt <sup>1)</sup>  | <b>1795 TA-885</b>   | 2CKA001710A3908 | 10 |


<sup>1)</sup>Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b><br>For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500. For blind compact timer 6422 U. |                 |          |
| anthracite  | <b>6435-81</b>  | 2CKA006430A0303 | 10       |
| ivory white   | <b>6435-82</b>  | 2CKA006430A0304 | 10       |
| aluminium silver <sup>1)</sup>  | <b>6435-83</b>  | 2CKA006430A0305 | 10       |
| studio white  | <b>6435-84</b>  | 2CKA006430A0306 | 10       |
| studio white, matt <sup>1)</sup>  | <b>6435-884</b>   | 2CKA006430A0388 | 10       |
| black matt <sup>1)</sup>  | <b>6435-885</b>   | 2CKA006430A0389 | 10       |

<sup>1)</sup>Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room temperature controller 1099 UHK. |                 |    |
| anthracite   | <b>1795 HK-81</b>   | 2CKA001710A4013 | 10 |
| ivory white  | <b>1795 HK-82</b>   | 2CKA001710A4015 | 10 |
| aluminium silver <sup>1)</sup>   | <b>1795 HK-83</b>   | 2CKA001710A4016 | 10 |
| studio white   | <b>1795 HK-84</b>   | 2CKA001710A4017 | 10 |
| studio white, matt <sup>1)</sup>   | <b>1795 HK-884</b>  | 2CKA001710A4019 | 10 |
| black matt <sup>1)</sup>   | <b>1795 HK-885</b>  | 2CKA001710A4020 | 10 |


<sup>1)</sup>Surface painted.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate for room thermostat</b><br>For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating. |                 |    |
| anthracite  | <b>1795 HKEA-81</b>  | 2CKA001710A4045 | 10 |
| ivory white   | <b>1795 HKEA-82</b>  | 2CKA001710A4047 | 10 |
| aluminium silver <sup>1)</sup>  | <b>1795 HKEA-83</b>  | 2CKA001710A4048 | 10 |
| studio white  | <b>1795 HKEA-84</b>  | 2CKA001710A4049 | 10 |
| studio white, matt <sup>1)</sup>  | <b>1795 HKEA-884</b>   | 2CKA001710A4051 | 10 |
| black matt <sup>1)</sup>  | <b>1795 HKEA-885</b>   | 2CKA001710A4052 | 10 |


<sup>1)</sup>Surface painted.

## future® linear


### LED light

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>CoverPlates (partly incl. Insert) LED light Studio white</b><br/>Complete set consists flush-mounted LED insert Night light (cold white) 2067/14 U. Wall module with one lighting direction, design future® linear 2068/11-84. Cover frame design future® linear 1721-184K. With one lighting direction. Not dimmable. For low brightness (night light). Colour temperature 6,500 K (cold white) System power consumption: 0.15 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 40 mA (secondary) Secondary: SELV</p> | <b>2069/11-84</b> | 2CKA001510A0015 | 1/10     |


|  |                |                 |      |
|--|----------------|-----------------|------|
|  <p><b>Flush Mounted Inserts LED light</b><br/>Consisting of LED/FM insert, power module (neutral white) 2067/12 U. Consisting of ceiling module, one light direction 2068/21. For ambient lightning. Light outlet downward. Not dimmable. Light intensity can be switched between 100% and 25% using front service switch. Colour temperature: 4,000 K (neutral white) System power consumption: 5 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 350 mA (secondary) Secondary: SELV</p> | <b>2069/21</b> | 2CKA001510A0018 | 1/10 |
|--|----------------|-----------------|------|


|   |                  |                 |      |
|---|------------------|-----------------|------|
|  <p><b>Flush-mounted LED insert 1) 2)<br/>Power module neutral white</b><br/>For Busch-iceLight wall and ceiling module Type 2068/xx.<br/>High brightness, e.g. for the display of information. Colour temperature: 4,000 K (neutral white) Not dimmable.<br/>Light intensity can be switched between 100% and 25% using front service switch.<br/>System power consumption: 5 W<br/>Rated voltage: 230 V~, + 10% / - 10%<br/>Current consumption of LED: 350 mA (secondary) Secondary: SELV<br/>Rated frequency: 50 Hz - 60 Hz<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 40 °C<br/>Dimensions: (L x W x D): -32 mm x 71 mmEN 62031/VDE 0715-5 of Jan. 2009</p> | <b>2067/12 U</b> | 2CKA001510A0002 | 1/10 |
|---|------------------|-----------------|------|


<sup>1)</sup> Use relay inserts when switching through movement sensors or comfort switches.  
<sup>2)</sup> For switching the LED flush mounted insert use switches without orientation light only.

|   |                  |                 |      |
|---|------------------|-----------------|------|
|  <p><b>Flush-mounted LED insert 1) 2)<br/>Night light warm white</b><br/>For Busch-iceLight wall and ceiling module Type 2068/xx.<br/>For low brightness (night light). Colour temperature: 3,000 K (warm white) Not dimmable.<br/>System power consumption: 0.15 W<br/>Rated voltage: 230 V~, + 10% / - 10%<br/>Current consumption of LED: 40 mA (secondary) Secondary: SELV<br/>Rated frequency: 50 Hz - 60 Hz<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 40 °C<br/>Dimensions: (L x W x D): -32 mmEN 62031/VDE 0715-5 of Jan. 2009</p> | <b>2067/13 U</b> | 2CKA001510A0012 | 1/10 |
|---|------------------|-----------------|------|

<sup>1)</sup> Use relay inserts when switching through movement sensors or comfort switches.  
<sup>2)</sup> For switching the LED flush mounted insert use switches without orientation light only.


| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-iceLight® set, night light complete set</b><br/>Complete set consists flush-mounted LED insert Night light (cold white) 2067/14 U. Wall module with one lighting direction, design future® linear 2068/11-84. Cover frame design future® linear 1721-184K. With one lighting direction. Not dimmable. For low brightness (night light). Colour temperature 6,500 K (cold white) System power consumption: 0.15 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 40 mA (secondary) Secondary: SELV.</p> | <b>2069/11-84</b> | 2CKA001510A0015 | 1/10     |


|   |                |                 |      |
|---|----------------|-----------------|------|
|  <p><b>Busch-iceLight® set, ceiling light complete set C</b></p> | <b>2069/21</b> | 2CKA001510A0018 | 1/10 |
|---|----------------|-----------------|------|


|   |                  |                 |      |
|---|------------------|-----------------|------|
|  <p><b>Flush-mounted LED insert 1) 2)<br/>Night light cold white</b><br/>For Busch-iceLight wall and ceiling module Type 2068/xx.<br/>For low brightness (night light). Colour temperature 6,500 K (cold white) Not dimmable.<br/>System power consumption: 0.15 W<br/>Rated voltage: 230 V~, + 10% / - 10%<br/>Current consumption of LED: 40 mA (secondary) Secondary: SELV<br/>Rated frequency: 50 Hz - 60 Hz<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 40 °C<br/>Dimensions: (L x W x D): -32 mmEN 62031/VDE 0715-5 of Jan. 2009</p> | <b>2067/14 U</b> | 2CKA001510A0013 | 1/10 |
|---|------------------|-----------------|------|

<sup>1)</sup> Use relay inserts when switching through movement sensors or comfort switches.

<sup>2)</sup> For switching the LED flush mounted insert use switches without orientation light only.

|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>CoverPlates (partly incl. Insert) LED light</b><br/>For ambient and orientation lightning. Light outlet top or bottom. For the accommodation of decorative insert types 2145-19, 2144/1x-19, 2144/2x-19, 2145/1x-19, and 2145/2x-19. Standard decorative insert 2145-19 premounted when delivered.</p> | <b>2068/11-84</b> | 2CKA001510A0005 | 1 |
|--|-------------------|-----------------|---|


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>CoverPlates (partly incl. Insert) LED light</b><br/>For ambient, orientation lightning and Infolight. Light outlet on all four sides and front. For the accommodation of decorative inserts and pictograms, 2144/xx-19, 2145/xx-19, and 2145-19. Standard decorative insert 2145-19 premounted when delivered.</p> | <b>2068/14-84</b> | 2CKA001510A0008 | 1 |
|--|-------------------|-----------------|---|


|   |                |                 |   |
|---|----------------|-----------------|---|
|  <p><b>CoverPlates (partly incl. Insert) LED light</b><br/>For ambient lightning. Light outlet downward.</p> | <b>2068/21</b> | 2CKA001510A0014 | 1 |
|---|----------------|-----------------|---|



## future® linear


### LED light

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Ceiling module solo/future® linear flush-type</b><br>For ambient lightning.<br>Light outlet downward.<br>Flat construction type, almost flush with frame; combinable.<br>Dimensions: (L x W x D): 63 mm x 63 mm x 9 mm |                 |          |
|   | <b>2068/22-84</b>   | 2CKA001510A0017 | 1        |

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Info light unit <sup>1) 2)</sup></b><br>Size of information field 43 x 43 mm.<br>Long service life of the lighting element (LEDs).<br>Homogeneous backlighting of the information field.<br>Colour temperature 6,500 K (cold white)<br>Power consumption: < 0.5 W<br>Rated voltage: 230 V~<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class (Device): IP 20 |                 |      |
|   | <b>2062 U</b>   | 2CKA001511A0115 | 1/10 |

<sup>1)</sup> Use relay inserts when switching through movement sensors or comfort switches.


<sup>2)</sup> For switching the LED flush mounted insert use switches without orientation light only.


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate <sup>1) 2)</sup></b><br>As cover for flush-mounted info light.<br>For insert 2062 U.<br>Size of information field 43 x 43 mm.<br>Protection class (Device): IP 20 |                 |   |
| anthracite  | <b>1716-81</b>   | 2CKA001731A1921 | 1 |
| ivory white   | <b>1716-82</b>   | 2CKA001731A1922 | 1 |
| aluminium silver <sup>3)</sup>  | <b>1716-83</b>   | 2CKA001731A1950 | 1 |
| studio white  | <b>1716-84</b>   | 2CKA001731A1923 | 1 |
| studio white, matt <sup>3)</sup>  | <b>1716-884</b>  | 2CKA001731A1978 | 1 |
| black matt <sup>3)</sup>  | <b>1716-885</b>  | 2CKA001731A1980 | 1 |

<sup>1)</sup> Included with the cover are 46 different text labels and symbols.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Flush Mounted Inserts Flush-mounted installation boxes and inserts White</b><br>Without cover. |                 |   |
|   | <b>2061 U</b>   | 2CKA001511A0062 | 1 |







| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for indication lamp</b><br>For insert 2061/2661 U.<br>As cover for flush-mounted light signal.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>1756-81</b>  | 2CKA001753A0089 | 10       |
| ivory white   | <b>1756-82</b>  | 2CKA001753A0090 | 10       |
| aluminium silver <sup>1)</sup>  | <b>1756-83</b>  | 2CKA001753A0091 | 10       |
| studio white  | <b>1756-84</b>  | 2CKA001753A0092 | 10       |
| studio white, matt <sup>1)</sup>  | <b>1756-884</b>   | 2CKA001753A0251 | 10       |
| black matt <sup>1)</sup>  | <b>1756-885</b>   | 2CKA001753A0252 | 10       |


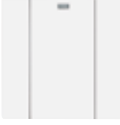
<sup>1)</sup> Surface painted.

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Cap for indication lamp</b><br>For indication lamps.<br>Protection class (Device): IP 20 |                 |    |
| clear-transparent  | <b>1565-11</b>  | 2CKA001565A0167 | 10 |
| Red  | <b>1565-12</b>  | 2CKA001565A0175 | 10 |
| green  | <b>1565-13</b>  | 2CKA001565A0183 | 10 |

## future® linear

### WaveLINE inserts / control elements

| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>RF remote control</b></p> <ul style="list-style-type: none"> <li>• Network-independent radio control.</li> <li>• For switching and dimming.</li> <li>• For controlling blinds and light scenes.</li> <li>• With 3 groups (A, B or C) with 5 pairs of channels.</li> <li>• There are 15 radio channels operated singly or up to 30 light scenes can be called.</li> </ul>   | <b>6780</b>         | 2CKA006780A0002 | 1        |
|  <p><b>1-fach Aktor WaveLINE</b></p> <ul style="list-style-type: none"> <li>• For wireless switching of electrical loads.</li> <li>• Functions via radio control: ON/OFF, timer and light scene control.</li> <li>• Functions via the extension unit: ON/OFF, timer and sending a radio control telegram.</li> <li>• Operation via conventional push button (2020 US/2021/6 UK) possible.</li> </ul>  | <b>6701-101-500</b> | 2CKA006700A0040 | 1        |
|  <p><b>1-fach Aktor WaveLINE</b></p> <ul style="list-style-type: none"> <li>• For wireless switching of electrical loads.</li> <li>• For functions ON/OFF, timer and lightscene control.</li> <li>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.</li> <li>• For remote control WaveLINE 6780.</li> <li>• Switch-off delay: Adjustable between 10 s to 5 min.</li> </ul>  | <b>6702-500</b>     | 2CKA006700A0023 | 1        |
|  <p><b>2-fach Aktor WaveLINE</b></p> <ul style="list-style-type: none"> <li>• For wireless switching of electrical loads.</li> <li>• For operation mode 2gang switch, 2 separate outputs.</li> <li>• For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).</li> <li>• For functions: ON/OFF and light scene control.</li> <li>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx</li> </ul>                         | <b>6703-500</b>     | 2CKA006700A0024 | 1        |
|  <p><b>Dimm Aktor WaveLINE</b></p> <ul style="list-style-type: none"> <li>• For wireless switching and dimming of electrical loads.</li> <li>• For functions ON/OFF, dimming and lightscene control.</li> <li>• With soft ON/OFF function.</li> <li>• With selectable light value storage.</li> <li>• For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.</li> </ul>   | <b>6704-500</b>     | 2CKA006700A0025 | 1        |
|  <p><b>Serien/Jalousieaktor WaveL</b></p> <ul style="list-style-type: none"> <li>• For wireless switching of electrical loads.</li> <li>• For driving and adjusting blinds/shutters and awnings over radio.</li> <li>• Functions via radio control: 2gang switch, blind switch and light scene control.</li> <li>• Functions via extension unit: 2gang switch, blind switch and send radio control telegram.</li> <li>• Operation via conventional push button (2020 US/2021/6 UK) possible.</li> </ul> | <b>6705-101-500</b> | 2CKA006700A0042 | 1        |

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>2-fach Binärein. WaveLINE</b></p> <ul style="list-style-type: none"> <li>• Radio control telegrams are sent when the two extension units are activated with mains voltage (AC 230 V~).</li> <li>• Operation via conventional push button (2020 US/2021/6 UK) possible.</li> <li>• The 2gang binary input has 5 function modes:             <ol style="list-style-type: none"> <li>1) 2-channel switching</li> <li>2) 2-channel dimming</li> <li>3) 1 channel blind</li> <li>4) Two-channel light scene control</li> <li>5) Channel 1: Switching ON Channel 2: Continuous switching ON/OFF</li> </ol> </li> </ul>   | <b>6725-500</b>    | 2CKA006720A0008 | 1        |
|  <p><b>Wall-mounted transmitter WaveLINE 1) 2)</b><br/><b>1-channel</b></p> <p>1gang wall-mounted transmitter independent of mains power supply.<br/>With labelling field and labelling strip.<br/>For switching and dimming.<br/>For controlling blinds and light scenes.<br/>1 radio channel can be operated or up to 2 light scenes can be called up.<br/>For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.<br/>Compatible with WaveLINE KNX gateway TP-RF 6770.<br/>Send frequency: 868 MHz.<br/>Free-field range: approx. 100 m.<br/>Power supply: lithium button cell battery Type CR2032.<br/>Battery service life: typically 5 years, therefore practically maintenance-free.<br/>Automatic monitoring of battery life.<br/>Including fixing plate for mounting on smooth walls or on switch boxes.<br/>Control element: rocker switch left/right<br/>Display elements: LED to indicate the transmission<br/>Rated voltage: 3 V-<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm</p> | <b>6731-82-500</b> | 2CKA006730A0032 | 1/10     |
|  | <b>6731-83-500</b> | 2CKA006730A0035 | 1/10     |
|  | <b>6731-84-500</b> | 2CKA006730A0038 | 1/10     |


<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Surface painted.

## future® linear


### ZigBee Light Link inserts / control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Wall-mounted transmitter WaveLINE <sup>1) 2)</sup><br/>2-channel</b><br>2gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 2 radio channels can be operated or up to 4 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes.<br>Control element: rocker switch left/right<br>Display elements: LED to indicate the transmission<br>Rated voltage: 3 V-<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm |                 |          |
| ivory white   | <b>6732-82-500</b>  | 2CKA006730A0033 | 1/10     |
| aluminium<br>silver <sup>3)</sup>   | <b>6732-83-500</b>  | 2CKA006730A0036 | 1/10     |
| studio white  | <b>6732-84-500</b>  | 2CKA006730A0039 | 1/10     |

<sup>1)</sup> Battery included in delivery.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Surface painted.


|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Wall-mounted transmitter WaveLINE <sup>1) 2)</sup><br/>4-channel</b><br>4gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 4 radio channels can be operated or up to 8 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes.<br>Control element: rocker switch left/right. Display elements: LED to indicate the transmission. Rated voltage: 3 V-. Protection class (Device): IP 20.<br>Temperature range (Device): -5 °C to 45 °C.<br>Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm |                 |      |
| ivory white   | <b>6733-82-500</b>  | 2CKA006730A0034 | 1/10 |
| aluminium<br>silver <sup>3)</sup>   | <b>6733-83-500</b>  | 2CKA006730A0037 | 1/10 |
| studio white  | <b>6733-84-500</b>  | 2CKA006730A0040 | 1/10 |


<sup>1)</sup> Battery included in delivery.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Surface painted.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>ZLL-Power supply insert</b><br>• With electronic short-circuit protection.<br>• With electronic overload protection.<br>• For ZigBee Light Link control element 6735-xxx, 6736-xxx and 6737-xxx.<br>• Without control cover.<br>• Rated voltage: 230 V~, +10 % / -10 %<br>• Secondary: 5 V-, +5 % / -5 % |                 |   |
|   | <b>6710 U-500</b>   | 2CKA006710A0005 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>ZLL-Relay insert</b><br>• 3 wire connection (neutral conductor required).<br>• For switching retrofit LED lamps (LEDi).<br>• For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.<br>• Without control cover. |                 |   |
|   | <b>6711 U-500</b>  | 2CKA006710A0006 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>ZLL-Dimmer insert</b><br>• Touch dimmer.<br>• For wireless switching and dimming of electrical loads.<br>• 3 wire connection (neutral conductor required).<br>• Optimised for dimming of retrofit LED lamps (LEDi).<br>• For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. |                 |   |
|   | <b>6715 U-500</b>   | 2CKA006710A0007 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>ZLL-Plug-in unit Switch</b><br>• Plug device for switching electric loads up to 1,380 W/VA.<br>• Control of thermal positioners for heating control possible.<br>• Not for electrical heating devices.<br>• Connected load can be activated/deactivated via micro switch.<br>• Send/receive frequency: 2.4 GHz. |                 |   |
|   | <b>6717-84-500</b>   | 2CKA006710A0008 | 1 |

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>ZigBee Light Link wall-mounted transmitter<br/>1-channel</b><br>1gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 2 light scenes. For dimming a light scene. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> . Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery). Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes.<br>Rated voltage: 3 V-<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |      |
| anthracite  | <b>6735/01-81</b>  | 2CKA006730A0079 | 1    |
| ivory white   | <b>6735/01-82</b>  | 2CKA006730A0080 | 1    |
| aluminium<br>silver <sup>1)</sup>   | <b>6735/01-83</b>  | 2CKA006730A0081 | 1    |
| studio white  | <b>6735/01-84</b>  | 2CKA006730A0082 | 1/10 |
| studio white,<br>matt <sup>1)</sup>   | <b>6735/01-884</b>   | 2CKA006730A0118 | 1    |
| black matt <sup>1)</sup>  | <b>6735/01-885</b>   | 2CKA006730A0119 | 1    |


<sup>1)</sup> Surface painted.

## future® linear


### WaveLINE control elements

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link wall-mounted transmitter<br/>2-channel</b>  |                 |          |
|   | <p>2gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 4 light scenes. For dimming 2 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery). Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V-. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm.</p> |                 |          |
| anthracite  | <b>6736/01-81</b>  | 2CKA006730A0083 | 1        |
| ivory white   | <b>6736/01-82</b>  | 2CKA006730A0084 | 1        |
| aluminium<br>silver <sup>1)</sup>   | <b>6736/01-83</b>  | 2CKA006730A0085 | 1        |
| studio white  | <b>6736/01-84</b>  | 2CKA006730A0086 | 1/10     |
| studio white,<br>matt <sup>1)</sup>   | <b>6736/01-884</b>   | 2CKA006730A0124 | 1        |
| black matt <sup>1)</sup>  | <b>6736/01-885</b>   | 2CKA006730A0125 | 1        |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link wall-mounted transmitter<br/>4-channel</b>  |                 |          |
|   | <p>4gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 8 light scenes. For dimming 4 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery). Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V-. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm.</p> |                 |          |
| anthracite  | <b>6737/01-81</b>  | 2CKA006730A0087 | 1        |
| ivory white   | <b>6737/01-82</b>  | 2CKA006730A0088 | 1        |
| aluminium<br>silver <sup>1)</sup>   | <b>6737/01-83</b>  | 2CKA006730A0089 | 1        |
| studio white  | <b>6737/01-84</b>  | 2CKA006730A0090 | 1/10     |
| studio white,<br>matt <sup>1)</sup>   | <b>6737/01-884</b>   | 2CKA006730A0130 | 1        |
| black matt <sup>1)</sup>  | <b>6737/01-885</b>   | 2CKA006730A0131 | 1        |

<sup>1)</sup> Surface painted.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>1gang</b>  |                 |          |
|   | <p>For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U. In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming light scenes. In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 2 light scenes or dimming a light scene. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. Push-button function: Switching/dimming/light scenes. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm.</p> |                 |          |
| anthracite  | <b>6735-81</b>  | 2CKA006730A0067 | 1        |
| ivory white   | <b>6735-82</b>  | 2CKA006730A0068 | 1        |
| aluminium<br>silver <sup>1)</sup>   | <b>6735-83</b>  | 2CKA006730A0069 | 1        |
| studio white  | <b>6735-84</b>  | 2CKA006730A0070 | 1/10     |
| studio white,<br>matt <sup>1)</sup>   | <b>6735-884</b>   | 2CKA006730A0100 | 1        |
| black matt <sup>1)</sup>  | <b>6735-885</b>   | 2CKA006730A0101 | 1        |


<sup>1)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>2gang</b>   |                 |          |
|   | <p>For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U. In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming light scenes. In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 4 light scenes or dimming 2 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a>. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm.</p> |                 |          |
| anthracite  | <b>6736-81</b>   | 2CKA006730A0071 | 1        |
| ivory white   | <b>6736-82</b>   | 2CKA006730A0072 | 1        |
| aluminium<br>silver <sup>1)</sup>   | <b>6736-83</b>   | 2CKA006730A0073 | 1        |
| studio white  | <b>6736-84</b>   | 2CKA006730A0074 | 1/10     |
| studio white,<br>matt <sup>1)</sup>   | <b>6736-884</b>  | 2CKA006730A0106 | 1        |
| black matt <sup>1)</sup>  | <b>6736-885</b>  | 2CKA006730A0107 | 1        |

<sup>1)</sup> Surface painted.




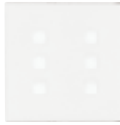
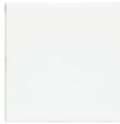
## future® linear

### WaveLINE control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ZigBee Light Link control element<br/>4gang</b>  |                 |          |
|   | For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.<br>In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.<br>In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 8 light scenes or dimming 4 light scenes.<br>For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.<br>With labelling field.<br>Without enclosed labelling sheet.<br>Compatible lettering software is available at <a href="http://www.busch-jaeger-labelingtool.com">www.busch-jaeger-labelingtool.com</a> .<br>Send/receive frequency: 2.4 GHz.<br>Free-field range: approx. 100 m.<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm |                 |          |
| anthracite  | <b>6737-81</b>  | 2CKA006730A0075 | 1        |
| ivory white   | <b>6737-82</b>  | 2CKA006730A0076 | 1        |
| aluminium<br>silver <sup>1)</sup>   | <b>6737-83</b>  | 2CKA006730A0077 | 1        |
| studio white  | <b>6737-84</b>  | 2CKA006730A0078 | 1/10     |
| studio white,<br>matt <sup>1)</sup>   | <b>6737-884</b>   | 2CKA006730A0112 | 1        |
| black matt <sup>1)</sup>  | <b>6737-885</b>   | 2CKA006730A0113 | 1        |


<sup>1)</sup> Surface painted.

### Busch-Infoline®



| Product   | Article-No.  | Order-No.   | Pack/Qty |
|---|--|---|----------|
|    | <b>Cover plate <sup>1) 2)</sup><br/>1gang, with labelling field</b>  |   |          |
|   | With operating knob.<br>For signal/cancel push-button 1520/1 UK.<br>For monitoring unit 1511 U.<br>For Busch-Leakage guard insert 1531 U.<br>With labelling field 61 x 20 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm                            |   |          |
| studio white  | <b>1571 CN-84</b>  | 2CKA001582A0346   | 10       |
|   |  | <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> .<br><sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®. |          |
|    | <b>Cover plate <sup>1) 2)</sup><br/>2gang, with labelling field</b>  |   |          |
|   | With operating knob.<br>For signal push-button insert 1520/1 UKZ.<br>With labelling field 61 x 20 mm.<br>With exchangeable inlays in red and green for the individual designation of the operating knob.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm |   |          |
| studio white  | <b>1572 CN-84</b>  | 2CKA001582A0348   | 10       |
|   |  | <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> .<br><sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®. |          |
|  | <b>Cover plate <sup>1) 2)</sup><br/>with red and neutral light panel and labelling field</b>   |   |          |
|   | For Alarm Control Unit insert 1515 U-12.<br>For Busch-Alarm signal insert 1563 U-12.<br>For indication lamp insert 1564 U-1x.<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm  |   |          |
| studio white  | <b>1573 CN-84</b>  | 2CKA001582A0350   | 10       |
|   |  | <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> .<br><sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®. |          |
|  | <b>Cover plate <sup>1) 2)</sup><br/>6gang, illuminable, with labelling field</b>   |   |          |
|   | For signal panel insert 1566 U.<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm  |   |          |
| studio white  | <b>1575 CN-84</b>  | 2CKA001582A0353   | 10       |
|   |  | <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> .<br><sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®. |          |
|  | <b>Cover plate <sup>1) 2)</sup><br/>with labelling field</b>   |   |          |
|   | For power supply insert 1518 U.<br>For relay insert 1539 U.<br>For signal generator insert 1561 U-....<br>With labelling field 61 x 61 mm.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm   |   |          |
| studio white  | <b>1576 CN-84</b>  | 2CKA001582A0355   | 10       |
|   |  | <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> .<br><sup>2)</sup> Can also be used for Busch-axcent®, solo®, and carat®. |          |


## future® linear


### Accessories

| Product  | Article-No. | Order-No.       | Pack/Qty |
|--|-------------|-----------------|----------|
|  <p><b>Extension of claws <sup>1)</sup></b><br/>For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes.<br/>Protection class (Device): IP 20</p> | <b>2148</b> | 2CKA002148A0120 | 100      |


<sup>1)</sup> Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.


| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <p><b>Braille symbol</b><br/>self-adhesive (transparent) for cover 2506-xxx<br/>Protection class (Device): IP 20</p> | <b>light</b>   |                 |          |
|  | <b>2144 LI</b> | 2CKA001714A0295 | 10/1000  |
|  <p><b>bell</b></p>  | <b>2144 KI</b> | 2CKA001714A0296 | 10/1000  |
|  | <b>key</b>     |                 |          |
|  | <b>2144 TR</b> | 2CKA001714A0297 | 10/1000  |

| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <p><b>Braille symbol socket outlet</b><br/>self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx<br/>Protection class (Device): IP 20</p> | <b>2144 ST</b> | 2CKA001714A0298 | 10/1000  |

| Product  | Article-No. | Order-No.      | Pack/Qty        |   |
|--|-------------|----------------|-----------------|---|
|  <p><b>DIN A 4 labelling sheet <sup>1)</sup></b><br/><b>plastic foil</b><br/>Suitable for all to be labeled Busch-Jaeger devices.<br/>For laser printer.<br/>The text of the foil is printed via the Busch-Jaeger labeling service.<br/>Dimensions: (L x W x D): 297 mm</p> | translucent | <b>1799/02</b> | 2CKA001799A0959 | 1 |
|  | transparent | <b>1799/03</b> | 2CKA001799A0960 | 1 |

<sup>1)</sup> 1 piece = 1 sheet.

| Product  | Article-No. | Order-No.       | Pack/Qty |
|--|-------------|-----------------|----------|
|  <p><b>RC suppressor</b><br/>For protection against the damage or destruction of electronic devices due to overvoltages.<br/>For wiring network-interconnected inductivities (e.g., relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.<br/>Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz</p> | <b>6899</b> | 2CKA006899A0231 | 10       |


| Product  | Article-No.      | Order-No. | Pack/Qty |
|--|------------------|-----------|----------|
|  <p><b>Surface-mounting box</b><br/>Box for inserts and cover plates with cover frame.<br/>Protection class (Device): IP 20</p> | <b>1gang box</b> |           |          |

|                                  |                    |                 |        |
|----------------------------------|--------------------|-----------------|--------|
| anthracite                       | <b>1701-81</b>     | 2CKA001799A0895 | 10     |
| ivory white                      | <b>1701-82</b>     | 2CKA001799A0896 | 10     |
| aluminium silver <sup>1)</sup>   | <b>1701-83</b>     | 2CKA001799A0905 | 10     |
| studio white                     | <b>1701-84-500</b> | 2CKA001799A0982 | 10/100 |
| studio white, matt <sup>1)</sup> | <b>1701-884</b>    | 2CKA001799A0921 | 10     |
| black matt <sup>1)</sup>         | <b>1701-885</b>    | 2CKA001799A0923 | 10     |

| Product                          | Article-No.     | Order-No.       | Pack/Qty |
|----------------------------------|-----------------|-----------------|----------|
| <b>2gang box</b>                 |                 |                 |          |
| anthracite                       | <b>1702-81</b>  | 2CKA001799A0900 | 10       |
| ivory white                      | <b>1702-82</b>  | 2CKA001799A0901 | 10       |
| aluminium silver <sup>1)</sup>   | <b>1702-83</b>  | 2CKA001799A0906 | 10       |
| studio white                     | <b>1702-84</b>  | 2CKA001799A0902 | 10       |
| studio white, matt <sup>1)</sup> | <b>1702-884</b> | 2CKA001799A0922 | 10       |
| black matt <sup>1)</sup>         | <b>1702-885</b> | 2CKA001799A0924 | 10       |

| Product                          | Article-No.     | Order-No.       | Pack/Qty |
|----------------------------------|-----------------|-----------------|----------|
| <b>3gang box</b>                 |                 |                 |          |
| anthracite                       | <b>1703-81</b>  | 2CKA001799A0915 | 1        |
| ivory white                      | <b>1703-82</b>  | 2CKA001799A0916 | 1        |
| aluminium silver <sup>1)</sup>   | <b>1703-83</b>  | 2CKA001799A0917 | 1        |
| studio white                     | <b>1703-84</b>  | 2CKA001799A0918 | 1        |
| studio white, matt <sup>1)</sup> | <b>1703-884</b> | 2CKA001799A0955 | 1        |
| black matt <sup>1)</sup>         | <b>1703-885</b> | 2CKA001799A0956 | 1        |


<sup>1)</sup> Surface painted.

| Product   | Article-No.      | Order-No.       | Pack/Qty        |
|---|------------------|-----------------|-----------------|
|  <p><b>Cable entry for SM box</b><br/>Suitable for 1701-8x and 1702-8x.<br/>Trunking dimension: 15 x 15 mm to 19 x 19 mm.<br/>Protection class (Device): IP 20</p> | <b>1gang box</b> |                 |                 |
|   | anthracite       | <b>2087-81</b>  | 2CKA001761A1493 |
| ivory white   | <b>2087-82</b>   | 2CKA001761A1494 | 10              |
| aluminium silver <sup>1)</sup>  | <b>2087-83</b>   | 2CKA001761A1504 | 10              |
| studio white  | <b>2087-84</b>   | 2CKA001761A1495 | 10              |

<sup>1)</sup> Surface painted.


## future® linear

### Accessories


| Product   | Article-No.                    | Order-No.      | Pack/Qty        |    |
|---|--------------------------------|----------------|-----------------|----|
|  <p><b>Cable entry for SM box</b><br/>Suitable for 1701-8x and 1702-8x.<br/>Protection class (Device): IP 20</p> | anthracite                     | <b>2088-81</b> | 2CKA001761A1498 | 10 |
|   | ivory white                    | <b>2088-82</b> | 2CKA001761A1499 | 10 |
|   | aluminium silver <sup>1)</sup> | <b>2088-83</b> | 2CKA001761A1505 | 10 |
|   | studio white                   | <b>2088-84</b> | 2CKA001761A1500 | 10 |

<sup>1)</sup>Surface painted.


## Cover frames

| Product  | Article-No.                      | Order-No.            | Pack/Qty        |        |
|--|----------------------------------|----------------------|-----------------|--------|
|  <p><b>future® linear Cover frame 1gang frame</b><br/>With small corner radii for trunking systems.<br/>Protection class (Device): IP 20<br/>Dimensions: (L x W x D): 80 mm x 80 mm x 11 mm</p> | anthracite                       | <b>1721-181K</b>     | 2CKA001754A4240 | 10     |
|  | ivory white                      | <b>1721-182K-500</b> | 2CKA001754A4506 | 10/100 |
|  | studio white                     | <b>1721-184K-500</b> | 2CKA001754A4498 | 10/100 |
|  | aluminium silver <sup>1)</sup>   | <b>1721-183K-500</b> | 2CKA001754A4529 | 10/100 |
|  | studio white, matt <sup>1)</sup> | <b>1721-884K-500</b> | 2CKA001754A4531 | 10/100 |
|  | black matt <sup>1)</sup>         | <b>1721-885K-500</b> | 2CKA001754A4532 | 10/100 |

<sup>1)</sup>Surface painted.

|  |                                  |                      |                 |        |
|--|----------------------------------|----------------------|-----------------|--------|
|  <p><b>future® linear Cover frame 2gang frame</b><br/>With small corner radii for trunking systems.<br/>Protection class (Device): IP 20<br/>Dimensions: (L x W x D): 151 mm x 80 mm x 11 mm</p> | anthracite                       | <b>1722-181K</b>     | 2CKA001754A4241 | 10     |
|  | ivory white                      | <b>1722-182K</b>     | 2CKA001754A4231 | 10     |
|  | aluminium silver <sup>1)</sup>   | <b>1722-183K-500</b> | 2CKA001754A4530 | 10/100 |
|  | studio white                     | <b>1722-184K-500</b> | 2CKA001754A4499 | 10/100 |
|  | studio white, matt <sup>1)</sup> | <b>1722-884K</b>     | 2CKA001754A4415 | 10     |
|  | black matt                       | <b>1722-885K-500</b> | 2CKA001754A4534 | 10/100 |


<sup>1)</sup>Surface painted.

|   |                                  |                      |                 |        |
|---|----------------------------------|----------------------|-----------------|--------|
|  <p><b>future® linear Cover frame 3gang frame</b><br/>With small corner radii for trunking systems.<br/>Protection class (Device): IP 20<br/>Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm</p> | anthracite                       | <b>1723-181K</b>     | 2CKA001754A4242 | 10     |
|   | ivory white                      | <b>1723-182K</b>     | 2CKA001754A4232 | 10     |
|   | aluminium silver <sup>1)</sup>   | <b>1723-183K-500</b> | 2CKA001754A4533 | 10/100 |
|   | studio white                     | <b>1723-184K-500</b> | 2CKA001754A4502 | 10/100 |
|   | studio white, matt <sup>1)</sup> | <b>1723-884K</b>     | 2CKA001754A4416 | 10     |
|   | black matt <sup>1)</sup>         | <b>1723-885K</b>     | 2CKA001754A4421 | 10/100 |


<sup>1)</sup>Surface painted.

## future® linear

### Cover frames


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>future® linear Cover frame<br/>4gang frame</b><br>With small corner radii for trunking systems.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm |                 |          |
| anthracite  | <b>1724-181K</b>  | 2CKA001754A4243 | 10       |
| ivory white   | <b>1724-182K</b>  | 2CKA001754A4233 | 10       |
| aluminium<br>silver <sup>1)</sup>   | <b>1724-183K</b>  | 2CKA001754A4309 | 10       |
| studio white  | <b>1724-184K</b>  | 2CKA001754A4238 | 10       |
| studio white,<br>matt <sup>1)</sup>   | <b>1724-884K</b>  | 2CKA001754A4417 | 10       |
| black matt <sup>1)</sup>  | <b>1724-885K</b>  | 2CKA001754A4422 | 10       |

<sup>1)</sup>Surface painted.

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>future® linear Cover frame<br/>5gang frame</b><br>With small corner radii for trunking systems.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 394 mm x 80 mm x 11 mm |                 |   |
| anthracite   | <b>1725-181K</b>  | 2CKA001754A4244 | 1 |
| ivory white  | <b>1725-182K</b>  | 2CKA001754A4234 | 1 |
| aluminium<br>silver <sup>1)</sup>  | <b>1725-183K</b>  | 2CKA001754A4310 | 1 |
| studio white   | <b>1725-184K-500</b>  | 2CKA001754A4517 | 1 |
| studio white,<br>matt <sup>1)</sup>  | <b>1725-884K</b>  | 2CKA001754A4418 | 1 |
| black matt <sup>1)</sup>   | <b>1725-885K</b>  | 2CKA001754A4423 | 1 |


<sup>1)</sup>Surface painted.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>future® linear Cover frame<br/>1gang frame</b><br>With small corner radii for trunking systems.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 80 mm x 80 mm x 11 mm |                 |    |
| red RAL 3020  | <b>1721-12-182K-101</b>  | 2CKA001754A4713 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>future® linear Cover frame<br/>2gang frame</b><br>With small corner radii for trunking systems.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 152 mm x 80 mm x 11 mm |                 |    |
| red RAL 3020  | <b>1722-12-182K-101</b>   | 2CKA001754A4714 | 10 |

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>future® linear Cover frame <sup>1)</sup><br/>1gang frame</b><br>With labelling field and label holder.<br>With small corner radii for trunking systems.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 80 mm x 80 mm x 11 mm |                 |        |
| studio white  | <b>1721-184 NSK-500</b>  | 2CKA001754A4527 | 10/100 |


<sup>1)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>future® linear Cover frame <sup>1)</sup><br/>3gang frame</b><br>With labelling field and label holder.<br>With small corner radii for trunking systems.<br>Vertical.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm |                 |    |
| studio white  | <b>1723-184 NSK</b>  | 2CKA001754A4366 | 10 |


<sup>1)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>future® linear Cover frame <sup>1)</sup><br/>4gang frame</b><br>With labelling field and label holder.<br>With small corner radii for trunking systems.<br>Vertical.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm |                 |   |
| studio white  | <b>1724-184 NSK</b>  | 2CKA001754A4367 | 1 |


<sup>1)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>future® linear Cover frame <sup>1)</sup><br/>2gang frame</b><br>With labelling field and label holder.<br>With small corner radii for trunking systems.<br>Horizontal<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 151 mm x 80 mm x 11 mm |                 |        |
| studio white  | <b>1732-184 NSK</b>   | 2CKA001754A4368 | 10/100 |

<sup>1)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>future® linear Cover frame <sup>1)</sup><br/>3gang frame</b><br>With labelling field and label holder.<br>With small corner radii for trunking systems.<br>Horizontal<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm |                 |    |
| studio white  | <b>1733-184 NSK</b>   | 2CKA001754A4369 | 10 |

<sup>1)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).






|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>future® linear Cover frame <sup>1)</sup><br/>4gang frame</b><br>With labelling field and label holder.<br>With small corner radii for trunking systems.<br>Horizontal<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm |                 |   |
| studio white  | <b>1734-184 NSK</b>   | 2CKA001754A4370 | 1 |

<sup>1)</sup>For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).



**future®**

## Cover frames

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Cover frame <sup>1)</sup><br/>1gang frame</b><br>With rounded edges and corners.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 80 mm x 80 mm x 11 mm                                |                 |          |
| ivory white   | <b>1721-182</b>  | 2CKA001754A4168 | 10/100   |
| studio white  | <b>1721-184-500</b>  | 2CKA001754A4504 | 10/100   |
| <sup>1)</sup> Suitable for installation in trunking systems with 80 mm conduit.     |  |                 |          |
|    | <b>Cover frame<br/>2gang frame</b><br>For vertical or horizontal installation.<br>With rounded edges and corners.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 151 mm x 80 mm x 11 mm |                 |          |
| ivory white   | <b>1722-182</b>  | 2CKA001754A4169 | 10/100   |
| studio white  | <b>1722-184-500</b>  | 2CKA001754A4508 | 10/100   |
|  | <b>Cover frame<br/>3gang frame</b><br>For vertical or horizontal installation.<br>With rounded edges and corners.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm |                 |          |
| ivory white   | <b>1723-182</b>  | 2CKA001754A4170 | 10/100   |
| studio white  | <b>1723-184</b>  | 2CKA001754A4175 | 10/100   |
|  | <b>Cover frame<br/>4gang frame</b><br>For vertical or horizontal installation.<br>With rounded edges and corners.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm |                 |          |
| ivory white   | <b>1724-182</b>  | 2CKA001754A4171 | 1        |
| studio white  | <b>1724-184</b>  | 2CKA001754A4176 | 1        |
|  | <b>Cover frame<br/>5gang frame</b><br>For vertical or horizontal installation.<br>With rounded edges and corners.<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 394 mm x 80 mm x 11 mm |                 |          |
| ivory white   | <b>1725-182</b>  | 2CKA001754A4172 | 1        |
| studio white  | <b>1725-184</b>  | 2CKA001754A4177 | 1        |

# basic55®

One concept, numerous possibilities.

Those who design their living space wish to do it according to their own personal design concept. Which means that the colours must match the concept. And here basic55® convinces with two distinctive lines and several colour options. The available combinations of frames and rockers make it possible to adapt them harmoniously to all surroundings and individual style.

## basic55® Waveline



01



02



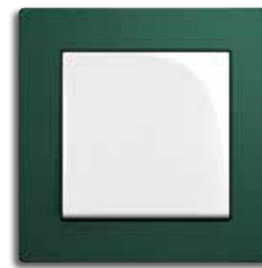
03



04



05



06



07



08



09

01 basic55®,  
alpine white/  
alpine white

02 basic55®,  
white/white

03 basic55®,  
black matt/  
alpine white

04 basic55®,  
coral/alpine white

05 basic55®,  
ocean/alpine white

06 basic55®,  
avocado/alpine white

07 basic55®,  
sun/alpine white

08 basic55®,  
oyster/alpine white

09 basic55®,  
purple/alpine white

**basic55® Baseline**



—  
01



—  
02



—  
03

—  
01 basic55®,  
white/white

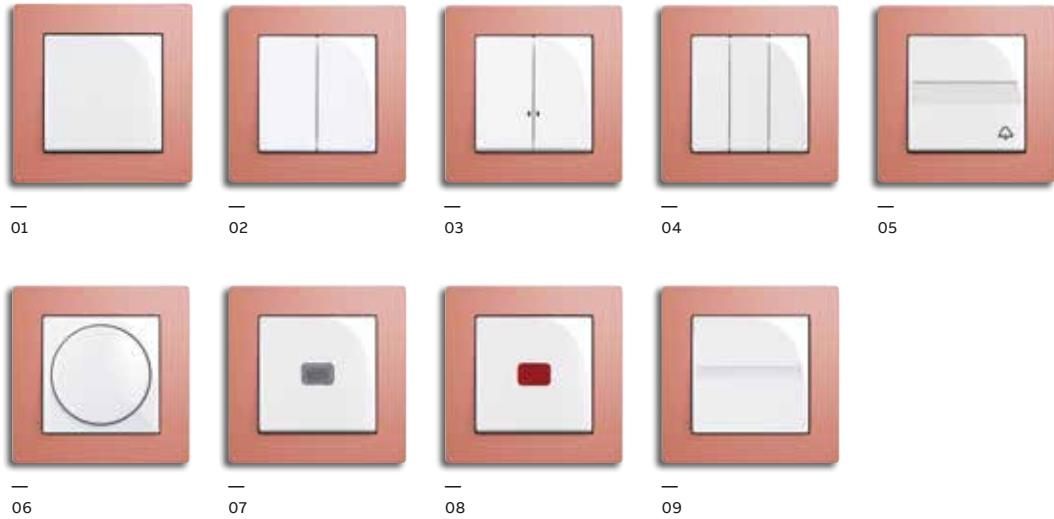
—  
02 basic55®,  
alpine white/  
alpine white

—  
03 basic55®,  
château-black/  
château-black

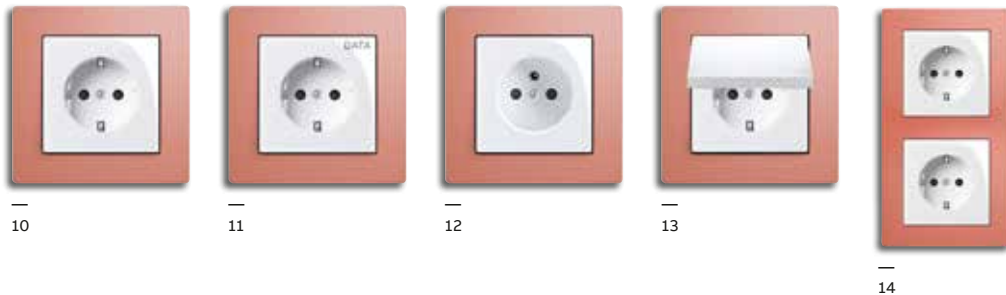
# A shining example

## Functional design

—  
Switches and push switches



—  
Socket outlets



—  
Blind switches



—  
Communication systems



11

—  
01 Switch/button with rocker—  
02 2gang switch—  
03 2gang switch with neon lamp—  
04 3gang 1way switch—  
05 Push switch with doorbell  
symbol and labeling field—  
06 Rotary dimmer—  
07 Push switch with illumination—  
08 20 A DP switch with red neon indicator—  
09 Busch-Comfort switch®—  
10 SCHUKO® socket outlet, shuttered—  
11 SCHUKO® socket outlet and "DATA" marking—  
12 Socket outlet, shuttered with earthing pin—  
13 SCHUKO® socket outlet with hinged lid—  
14 SCHUKO® double socket outlet—  
15 Blind switches/push-buttons—  
16 Blind switches/push-buttons  
with rotary knob—  
17 Comfort timer—  
18 Card switch—  
19 Room temperature controller—  
20 SCHUKO® USB socket outlet, 2gang—  
21 Antenna socket for TV—  
22 Antenna socket for Radio/TV/SAT—  
23 Light signal—  
24 Busch-powerDock—  
25 Loudspeaker outlet—  
26 USB power adapter insert, flush-mounted  
with USB-A & USB-C interface—  
27 Universal data connecting unit—  
28 Universal data connecting unit, 2gang—  
29 Loudspeaker**Cover plates for vertical or horizontal  
installation, available in 1gang to 5gang**—  
01 basic55®, 1gang—  
02 basic55®, 2gang—  
03 basic55®, 3gang—  
04 basic55®, 4gang—  
05 basic55®, 5gang—  
01—  
02—  
03—  
04—  
05


The wallpaper shown on pages  
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**basic55®**


## Switches / push-buttons


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch with rocker breaking circuit, 1-pole</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |          |
| white   | <b>2006/1 UC-92-507</b>   | 2CKA001012A2146 | 10/100   |
| alpine white  | <b>2006/1 UC-94-507</b>   | 2CKA001012A2139 | 10/100   |
| château-black   | <b>2006/1 UC-95-507</b>   | 2CKA001012A2174 | 10       |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch with rocker breaking circuit, 1-pole</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |        |
| white   | <b>2006/1 UCGL-92-507</b>  | 2CKA001012A2156 | 10/100 |
| alpine white  | <b>2006/1 UCGL-94-507</b>  | 2CKA001012A2153 | 10/100 |
| château-black   | <b>2006/1 UCGL-95-507</b>  | 2CKA001012A2175 | 10     |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Switch with rocker 1gang 2way</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |        |
| white   | <b>2006/6 UC-92-507</b>   | 2CKA001012A2149 | 10/100 |
| alpine white  | <b>2006/6 UC-94-507</b>   | 2CKA001012A2142 | 10/100 |
| château-black   | <b>2006/6 UC-95-507</b>   | 2CKA001012A2179 | 10/100 |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Switch with rocker 2gang 1way</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |        |
| white   | <b>2006/5 UC-92-507</b>   | 2CKA001012A2148 | 10/100 |
| alpine white  | <b>2006/5 UC-94-507</b>   | 2CKA001012A2141 | 10/100 |
| château-black   | <b>2006/5 UC-95-507</b>   | 2CKA001012A2177 | 10/100 |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch with rocker 2gang 1way</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |        |
| white   | <b>2006/5 UCGL-92-507</b>  | 2CKA001012A2157 | 10/100 |
| alpine white  | <b>2006/5 UCGL-94-507</b>  | 2CKA001012A2154 | 10/100 |
| château-black   | <b>2006/5 UCGL-95-507</b>  | 2CKA001012A2178 | 10     |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch with rocker 2gang 2way</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |          |
| white   | <b>2006/6/6 UC-92-507</b>   | 2CKA001012A2151 | 10       |
| alpine white  | <b>2006/6/6 UC-94-507</b>   | 2CKA001012A2144 | 10/100   |
| château-black   | <b>2006/6/6 UC-95-507</b>   | 2CKA001012A2181 | 10       |

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch with rocker 3gang 1way, SP</b><br>Rated voltage: 250 V~<br>Rated current: 16 AX<br>IEC 60669-1 |                 |        |
| white   | <b>106/3/1 UC-92-507</b>   | 2CKA001012A2158 | 10/100 |
| alpine white  | <b>106/3/1 UC-94-507</b>   | 2CKA001012A2155 | 10/100 |
| château-black   | <b>106/3/1 UC-95-507</b>   | 2CKA001012A2173 | 10     |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch with rocker 1gang</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |    |
| white   | <b>2006/7 UC-92-507</b>  | 2CKA001012A2152 | 10 |
| alpine white  | <b>2006/7 UC-94-507</b>  | 2CKA001012A2145 | 10 |
| château-black   | <b>2006/7 UC-95-507</b>  | 2CKA001012A2182 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch with rocker 1gang DP</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 20 A<br>Suitable for: LEDi / CFLi<br>Rated power: 250 W<br>IEC 60669-1 |                 |    |
| white   | <b>1020/2 UCK-92-507</b>  | 2CKA001020A0090 | 1  |
| alpine white  | <b>1020/2 UCK-94-507</b>  | 2CKA001020A0089 | 1  |
| château-black   | <b>1020/2 UCK-95-507</b>  | 2CKA001020A0092 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch with rocker <sup>1)</sup> <sup>2)</sup> 1gang 2way with N-terminal</b><br>With neon lamp.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |    |
| white   | <b>2006/6 UCK-92-507</b>   | 2CKA001012A2150 | 10 |
| alpine white  | <b>2006/6 UCK-94-507</b>   | 2CKA001012A2143 | 10 |
| château-black   | <b>2006/6 UCK-95-507</b>   | 2CKA001012A2180 | 10 |


<sup>1)</sup> With 1 mA neon lamp.<sup>2)</sup> Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.


## basic55®

### Switches / push-buttons

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Push switch with rocker<br/>SP, with normally open contact (operating current)</b><br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 AIEC 60669-1 |                 |          |
| white   | <b>2026 UC-92-507</b>  | 2CKA001413A1083 | 10/100   |
| alpine white  | <b>2026 UC-94-507</b>  | 2CKA001413A1080 | 10/100   |
| château-black   | <b>2026 UC-95-507</b>  | 2CKA001413A1095 | 10       |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Push switch with rocker<br/>with doorbell symbol and labeling field</b><br>SP (operating current),<br>With N terminal.<br>Secondary: 250 V-<br>Rated current: 10 AIEC 60669-1 |                 |        |
| white   | <b>2026 UCN/KL-92-507</b>  | 2CKA001413A1087 | 10/100 |
| alpine white  | <b>2026 UCN/KL-94-507</b>  | 2CKA001413A1086 | 10/100 |
| château-black   | <b>2026 UCN/KL-95-507</b>  | 2CKA001413A1097 | 10     |

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Push switch with rocker and neutral symbol<br/>SP, with normally open contact (operating current)</b><br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 AIEC 60669-1 |                 |        |
| white   | <b>2026 UCN-92-507</b>  | 2CKA001413A1084 | 10/100 |
| alpine white  | <b>2026 UCN-94-507</b>  | 2CKA001413A1081 | 10     |
| château-black   | <b>2026 UCN-95-507</b>  | 2CKA001413A1096 | 10     |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Card switch 10 A <sup>1)</sup></b><br><b>SP, with normally open contact (operating current)</b><br>Illuminable.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 20IEC60669-1, British<br>Standard EN 60669-1 |                 |    |
|   | <b>2025 U</b>   | 2CKA001012A1713 | 10 |


|                                    |  |
|------------------------------------|--|
| <b>Mounting boxes:</b>             | 35 mm deep flush 1gang<br>or Dual Box 3070-2/35 BSDB.          |
| <b>2gang product combinations:</b> | 2gang combination with adapter plate<br>APBS in Dual Box only. |
| <b>delivery form:</b>              | Adapter plate APBS to be ordered separate.                     |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1)</sup></b><br>For card switch.<br>For insert 2025 U.<br>Suitable for cards sized 54 x 86 mm.<br>The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated. |                 |    |
| white   | <b>1792-92-507</b>   | 2CKA001710A3865 | 10 |
| alpine white  | <b>1792-94-507</b>   | 2CKA001710A3864 | 10 |
| château-black   | <b>1792-95-507</b>   | 2CKA001710A3933 | 10 |


<sup>1)</sup> Due to dimensions cover is suitable in cover frames without decorative styling frame only.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 2gang 1way with rocker, IP44</b><br>The IP44 protection level will achieved only if the device is mounted on a flat and napless wall.<br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX |                 |          |
| white   | <b>3521B-A05945 92</b>  | 2CHB210599A4092 | 10       |
| alpine white  | <b>3521B-A05945 94</b>  | 2CHB210599A4094 | 10       |
| château-black   | <b>3521B-A05945 95</b>  | 2CHB210599A4095 | 10       |


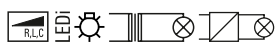
|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1gang 2way with rocker, IP44</b><br>The IP44 protection level will achieved only if the device is mounted on a flat and napless wall.<br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX |                 |    |
| white   | <b>3521B-A06945 92</b>  | 2CHB210699A4092 | 10 |
| alpine white  | <b>3521B-A06945 94</b>  | 2CHB210699A4094 | 10 |
| château-black   | <b>3521B-A06945 95</b>  | 2CHB210699A4095 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1gang Intermediate with rocker, IP44</b><br>The IP44 protection level will achieved only if the device is mounted on a flat and napless wall.<br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX |                 |    |
| white   | <b>3521B-A07945 92</b>  | 2CHB210799A4092 | 10 |
| alpine white  | <b>3521B-A07945 94</b>  | 2CHB210799A4094 | 10 |
| château-black   | <b>3521B-A07945 95</b>  | 2CHB210799A4095 | 10 |



|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 2gang 1way, with N-Terminal with rocker, IP44</b><br>The IP44 protection level will achieved only if the device is mounted on a flat and napless wall.<br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 AX |                 |    |
| white   | <b>3521B-A81945 92</b>   | 2CHB218199A4092 | 10 |
| alpine white  | <b>3521B-A81945 94</b>   | 2CHB218199A4094 | 10 |
| château-black   | <b>3521B-A81945 95</b>   | 2CHB218199A4095 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Push Switch 1gang 2way with rocker, IP44</b><br>The IP44 protection level will achieved only if the device is mounted on a flat and napless wall.<br>With screwless terminals.<br>Rated voltage: 250 V~<br>Rated current: 10 A |                 |    |
| white   | <b>3521B-A89945 92</b>  | 2CHB218699A4092 | 10 |
| alpine white  | <b>3521B-A89945 94</b>  | 2CHB218699A4094 | 10 |
| château-black   | <b>3521B-A89945 95</b>  | 2CHB218699A4095 | 10 |

**basic55®**  
Dimmers

| Product  | Article-No.            | Order-No.              | Pack/Qty    |
|--|------------------------|------------------------|-------------|
|  <p><b>Busch-rotary dimmer</b> <sup>1) 2) 3) 4) 5) 6) 7) 8) 9)</sup><br/><b>UP, LED, 2-400 W</b><br/>Very small installation depth: &lt; 20 mm<br/>Without claws.<br/>With rotary control, two-way switch and soft-catch.<br/>2-wire connection (neutral conductor not required)<br/>Optimised for dimming of retrofit LED lamps (LEDi).<br/>For dimmable Retrofit-LEDs (LEDi).<br/>For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br/>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br/>Mix operation of LEDi with conventional loads possible.<br/>With manually adjustable operating mode: trailing / leading edge control.<br/>With adjustable minimum/maximum brightness.<br/>Low-noise level by MOSFET transistors.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Without cover plate.<br/>Rated voltage: 230 V~, + 10% / - 10%<br/>Rated frequency: 50 Hz/60 Hz<br/>Nominal power: 2 - 100 W/VA (leading edge control)<br/>Nominal power: 2 - 400 W/VA (trailing edge control)<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6523 UR-103-500</b> | <b>2CKA006512A0345</b> | <b>1/10</b> |

<sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

| Product   | Article-No.           | Order-No.              | Pack/Qty    |
|---|-----------------------|------------------------|-------------|
|  <p><b>Busch-rotary dimmer</b> <sup>1) 2) 3) 4) 5) 6) 7) 8) 9)</sup><br/><b>Flush-mounted, LED, 2-100 W</b><br/>With rotary control, two-way switch and soft-catch.<br/>2-wire connection (neutral conductor not required)<br/>Optimised for dimming of retrofit LED lamps (LEDi).<br/>For dimmable Retrofit-LEDs (LEDi).<br/>For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br/>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br/>Mix operation of LEDi with conventional loads possible.<br/>Via mode switch adjustable between leading edge control and trailing edge control.<br/>Low-noise level by MOSFET transistors.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>With adjustable minimum brightness.<br/>Without cover plate.<br/>Rated voltage: 230 V~, + 10% / - 10%<br/>Rated frequency: 50 Hz/60 Hz<br/>Nominal power: 2 - 100 W/VA (retrofit LED loads).<br/>Nominal power: 10 - 250 W/VA (non-LED loads).<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>6523 U-102-500</b> | <b>2CKA006512A0335</b> | <b>1/10</b> |

<sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.  
<sup>8)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

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


## basic55®


### Dimmers

| Product  | Article-No. | Order-No. | Pack/Qty |
|--|-------------|-----------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br/> <b>UP, RL, 200-700 W</b><br/>           With rotary control, 2way On-Off switching and soft-catch.<br/>           Leading Edge control.<br/>           For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.<br/>           Short-circuit-proof, overload-protected.<br/>           With adjustable minimum brightness.<br/>           Without cover plate.<br/>           Without claws.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Rated power: 200 - 700 W/VA<br/>           IEC 60669-2-1, British Standard EN 60669-2-1</p>  <p><b>6520 U-500</b>                      2CKA006520A0227    1/10</p> |             |           |          |

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> Provided with terminal for net disconnection devices.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>6)</sup> Should be mounted in a separate wallbox.

|   |  |  |  |
|---|--|--|--|
|  <p><b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/> <b>flush mounted, 1-10V</b><br/>           With rotary control.<br/>           For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC.<br/>           For LED control via control gears<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 700 W/VA<br/>           IEC 60669-2-1, British Standard EN 60669-2-1</p>  <p><b>2112 U-101-500</b>                      2CKA006599A2873    1/10</p> |  |  |  |
|---|--|--|--|


- <sup>1)</sup> Non-illuminable.  
<sup>2)</sup> Use cover plates 2115 J-.../2115-.../6540-...  
<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>4)</sup> Making-current limiters have to be provided in case of too high making currents.

| Product  | Article-No. | Order-No. | Pack/Qty |
|--|-------------|-----------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           Fool proved.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Max. current consumption: 15 mA.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> <p><b>2116 U</b>                                      2CKA006599A3025    1</p> |             |           |          |


- <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## basic55®


### Dimmers

| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>Flush-mounted, DALI, with internal power supply, tunable white</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           For changing the colour temperature of &gt;tunable white&lt; lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>           Colour temperature can then be set between 2,700 K - 6,500 K.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in active mode.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel connection: 111<br/>           Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2116/11 U</b> | 2CKA006599A3026 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI</b><br/>           For DALI broadcast service (via central telegram).<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           Fool proved.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Max. current consumption: 15 mA.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2117 U-500</b> | 2CKA006599A2987 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


|  |                      |                 |   |
|--|----------------------|-----------------|---|
|  <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/> <b>flush mounted, DALI, with internal power supply</b><br/>           For DALI broadcast service (via central telegram).<br/>           With integrated DALI power adaptor.<br/>           For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>           With rotary control and ON/OFF push operation.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Brightness power-on level and background brightness level adjustable, buffered.<br/>           With integrated LED illumination for orientation.<br/>           Color of orientation light adjustable (18 presets and OFF).<br/>           Up to 5 potentiometers are connectable in parallel.<br/>           Up to 3 potentiometers are connectable in parallel in active mode.<br/>           Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>           DALI-voltage: 15,5 V=<br/>           Rated current: max. 75 mA<br/>           Power consumption: &lt; 2,5 W<br/>           Number of DALI-units:<br/>           37 in case of one active power-potentiometer<br/>           in case of three active power-potentiometer in parallel connection: 111<br/>           Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>           Passive mode: the potentiometer is suitable as additional operation point.<br/>           Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>           Without cover plate.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 0 °C to 35 °C</p> | <b>2117/11 U-500</b> | 2CKA006599A2988 | 1 |
|--|----------------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## basic55® Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate <sup>1)</sup> with rotary knob, with indication lamp</b><br>For Busch-Dimmer®.<br>For inserts<br>2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/<br>6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U. |                 |          |
| white   | <b>2115-92-507</b>  | 2CKA006599A2929 | 10       |
| alpine white  | <b>2115-94-507</b>  | 2CKA006599A2928 | 10       |
| château-black   | <b>2115-95-507</b>  | 2CKA006599A2991 | 10       |

<sup>1)</sup> Replacement neon lamp, Art. No. 3855.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Control element <sup>1) 2) 3)</sup> with neon lamp</b><br>Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U. |                 |      |
| white   | <b>6543-92-507</b>   | 2CKA006599A2996 | 1/10 |
| alpine white  | <b>6543-94-507</b>   | 2CKA006599A2997 | 1/10 |
| château-black   | <b>6543-95-507</b>   | 2CKA006599A2994 | 1/10 |

<sup>1)</sup> Compatible with previous type 6543-xxx.

<sup>2)</sup> Touch-type Controller 6550 U-xxx non-illuminable.

<sup>3)</sup> Replacement neon lamp 3857.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>LED dimmer insert flex, 1gang <sup>1) 2) 3) 4) 5)</sup> FM, LED, 3-240 VA</b><br>2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|  | <b>64851 U-500</b>   | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.


<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Recommendation: Please use loads and types of one producer.

<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.






<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Control element, 1 gang flex</b><br>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |   |
|   | <b>64711-500</b>  | 2CKA006400A0099 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |   |
|   | <b>62711-WL-500</b>  | 2CKA006200A0281 | 1 |

**basic55®**

## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Flex control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.   |                 |          |
|   | <b>64721-500</b>  | 2CKA006400A0101 | 1        |
|    | <b>Control element, 2 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1        |
|  | <b>Rocker 1gang, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units   |                 |          |
| white   | SRD-1-92  | 2CKA006220A0639 | 1        |
| alpine white  | SRD-1-94  | 2CKA006220A0673 | 1        |
| chateau-black   | SRD-1-95  | 2CKA006220A0690 | 1        |
|  | <b>Rocker 2gang left, with "Dimmer" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| white   | SRD-2-L-92  | 2CKA006220A0644 | 1        |
| alpine white  | SRD-2-L-94  | 2CKA006220A0678 | 1        |
| chateau-black   | SRD-2-L-95  | 2CKA006220A0695 | 1        |
|  | <b>Rocker 2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/actuator units  |                 |          |
| white   | SRS-2-R-92  | 2CKA006220A0647 | 1        |
| alpine white  | SRS-2-R-94  | 2CKA006220A0681 | 1        |
| chateau-black   | SRS-2-R-95  | 2CKA006220A0698 | 1        |

**basic55®**


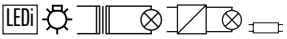
## Movement detectors

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Relay insert flex, 1gang <sup>1)</sup></b><br>3 wire connection (neutral conductor required). For switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Comfort switch flex control element 64765-... . For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Inputs: 1 Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V- LEDi, typical. Rated power: 300 VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 2300 W Suitable for: Low voltage halogen lamps that are operated via transformers. Rated power: 2300 VA Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm Mounting depth: 25 mm |                 |          |
|   | <b>64811 U-500</b>   | 2CKA006800A3042 | 1/10     |



<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## basic55®

### Movement detectors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Relay insert flex, 2gang <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required).<br/>           For switching lighting systems.<br/>           For switching two independent load circuits.<br/>           For controlling light and ventilation systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>           Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>           Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Comfort switch flex control element 64765-... .<br/>           For Busch-Watchdog 180 flex sensors 6476x-... .<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 2<br/>           Outputs: 2x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 1840 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 1150 VA<br/>           Temperature range (Device): -25 °C to 55 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>  | <b>64821 U-500</b> | 2CKA006800A3045 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>e-contact insert flex, 1gang <sup>1) 2)</sup></b><br/>           2-wire connection (neutral conductor not required)<br/>           Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA).<br/>           For switching lighting systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>           Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>           Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Watchdog 180 flex sensors 6476x-... .<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 3 - 240 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 10 - 240 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 3 - 240 VA<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>  | <b>64814 U-500</b> | 2CKA006800A3048 | 1        |

<sup>1)</sup> Use only dimmable high-voltage LEDs.


<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

# basic55®


## Movement detectors


| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1) 2) 3) 4) 5) 6)</sup> FM, LED, 3-240 VA</b><br/>                 2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>4)</sup> Recommendation: Please use loads and types of one producer.  
<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.  
<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

|  |                    |                 |   |
|--|--------------------|-----------------|---|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>                 3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x...-. For Busch-Watchdog 180 flex sensors, wireless, 6276x...-WL. Combinable with all flex inserts. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Control/Signal outputs: 1, electronic output, potential-bound. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1 |
|--|--------------------|-----------------|---|

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.         | Order-No.       | Pack/Qty |
|---|---------------------|-----------------|----------|
|  <p><b>Comfort switch flex sensor</b><br/>                 Movement detector push-button switch combination. For switching lighting systems that depend on brightness and movement. Push switch function possible at all times. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. Compatible with all free@home flexTronics inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C.</p> |                     |                 |          |
| white   | <b>64765-92-507</b> | 2CKA006800A2903 |          |
| alpine white  | <b>64765-94-507</b> | 2CKA006800A2905 |          |
| château-black   | <b>64765-95-507</b> | 2CKA006800A2906 |          |


|  |                     |                 |   |
|--|---------------------|-----------------|---|
|  <p><b>Busch-Watchdog 180 flex, basic sensor <sup>1) 2)</sup> with select-lens</b><br/>                 Movement detector sensor with with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br/>                 For relay insert flex, 1gang, 64811 U.<br/>                 For e-contact insert flex, 1gang, 64814 U.<br/>                 For series relay insert flex, 2gang, 64821 U.<br/>                 For LED touch dimmer insert flex, 1gang, 64851 U.<br/>                 For extension insert flex, 64891 U.<br/>                 Mounting height: 22 mm.<br/>                 Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/>                 Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br/>                 Detection angle: 180 °<br/>                 Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br/>                 Mounting height: 0.8 m - 1.2 m<br/>                 Temperature range (Device): -5 °C to 45 °C<br/>                 Dimensions: (L x W x D): 56 mm x 56 mm x 35 mm</p> |                     |                 |   |
| white  | <b>64761-92-507</b> | 2CKA006800A2941 | 1 |
| alpine white   | <b>64761-94-507</b> | 2CKA006800A2943 | 1 |
| château-black  | <b>64761-95-507</b> | 2CKA006800A2944 | 1 |

<sup>1)</sup> Please order the respective flush-mounted insert separately.  
<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.  
<sup>3)</sup> Surface painted.

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## basic55®


### Movement detectors

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1)</sup> <sup>2)</sup> with select-lens</b>  |                 |          |
|   | Movement detector sensor with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Extension of the detection range by means of master/slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 14 sectors with 56 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 22 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 55 mm x 55 mm x 35 mm |                 |          |
| white   | <b>64762-92-507</b>  | 2CKA006800A2978 | 1        |
| alpine white  | <b>64762-94-507</b>  | 2CKA006800A2980 | 1        |
| château-black   | <b>64762-95-507</b>  | 2CKA006800A2981 | 1        |

<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1)</sup> <sup>2)</sup> with multi-lens</b>   |                 |          |
|   | Movement detector sensor with measurement of ambient light.<br>For automatic switching of devices dependent on motion and brightness.<br>Push switch function possible at all times.<br>For detection down to the floor.<br>For detection in stairwells.<br>With 4 detection levels.<br>In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br>With enabling of pre-warning of switch-off for stairwell operation.<br>Compatible with all free@home flex inserts.<br>Adjusting elements on rear side.<br>Multi-lens: suitable also for mounting heights of 2.20 m.<br>Extension of the detection range by means of master/slave combination.<br>Additional activation/deactivation option via push-button input on the flush-mounted insert.<br>With continuous light/continuous Off function.<br>With detection display in test mode.<br>Surveillance density: 54 sectors with 224 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 31 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br>Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 55 mm x 55 mm x 45 mm |                 |          |
| white   | <b>64764-92-507</b>  | 2CKA006800A3015 | 1        |
| alpine white  | <b>64764-94-507</b>  | 2CKA006800A3017 | 1        |
| château-black   | <b>64764-95-507</b>  | 2CKA006800A3018 | 1        |


<sup>1)</sup> Please order the respective flush-mounted insert separately.

<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.


<sup>3)</sup> Surface painted.

## basic55®


### Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blind switch with cover <sup>1)</sup><br/>SP, switch</b><br>With interlock.<br>Rated voltage: 250 V~<br>Rated current: 10 AXIEC60669-1 |                 |          |
| white   | <b>2006/4 UC-92-507</b>   | 2CKA001012A2147 | 10       |
| alpine white  | <b>2006/4 UC-94-507</b>   | 2CKA001012A2140 | 10       |
| château-black   | <b>2006/4 UC-95-507</b>   | 2CKA001012A2176 | 10       |

<sup>1)</sup> These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blind switch with cover <sup>1)</sup><br/>SP, push switch.</b><br>With interlock.<br>Rated voltage: 250 V~<br>Rated current: 10 AIEC60669-1 |                 |    |
| white   | <b>2026/4 UC-92-507</b>  | 2CKA001413A1085 | 10 |
| alpine white  | <b>2026/4 UC-94-507</b>  | 2CKA001413A1082 | 10 |
| château-black   | <b>2026/4 UC-95-507</b>  | 2CKA001413A1098 | 10 |

<sup>1)</sup> These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Blind switch with cover <sup>1) 2)</sup><br/>SP, N, E</b><br>With rotary knob/switch and push switch.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>IEC 60669-1 |                 |    |
| white   | <b>2713 UCDR-92-507</b>   | 2CKA001101A0922 | 10 |
| alpine white  | <b>2713 UCDR-94-507</b>   | 2CKA001101A0920 | 10 |
| château-black   | <b>2713 UCDR-95-507</b>   | 2CKA001101A0928 | 10 |


<sup>1)</sup> Blind switches/push switches prevents fast change over between operating directions.

<sup>2)</sup> Also suitable for DC drives.

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Blind switch with cover <sup>1) 2)</sup><br/>SP, N, E</b><br>With rotary knob/push button.<br>Rated voltage: 250 V~<br>Rated current: 10 AIEC60669-1 |                 |    |
| white   | <b>2723 UCDR-92-507</b>   | 2CKA001101A0923 | 10 |
| alpine white  | <b>2723 UCDR-94-507</b>   | 2CKA001101A0921 | 10 |
| château-black   | <b>2723 UCDR-95-507</b>   | 2CKA001101A0929 | 10 |

<sup>1)</sup> Blind switches/push switches prevents fast change over between operating directions.


<sup>2)</sup> Also suitable for DC drives.

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blind compact timer</b><br>Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.<br>Without extension unit input.<br>Running time: 3 min<br>N-busbar connection is required.<br>For manual and time-controlled switching of blinds and roller blinds.<br>Memory function for the simple storage of switching times.<br>The controlled devices can be manually operated at any time.<br>Simple setting via display with with segment display and background illumination.<br>Factory pre-set switching times, individual adaptations are possible.<br>2 switching times per day can be freely adjusted for each day of the week.<br>Automatic switchover from summer time to winter time (switch-off function).<br>Switching times and programs are safely stored in the event of a mains power failure.<br>Power reserve for time and date > 10 years.<br>Simple toggling between manual/automatic/vacation modes.<br>See the associated cover plates 6435-xx.<br>Programming possible only with control element attached and energized.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Outputs: 2x Normally open contact<br>Rated current: 3 A, cos φ 0.5<br>Rated power: 690 VA<br>Temperature range (Device): 0 °C to 45 °C |                 |          |
|   | <b>6422 U-500</b>   | 2CKA006410A0410 | 1/10     |




## basic55®


### Blind control / timers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Comfort timer control element <sup>1)</sup></b>  |                 |          |
|   | For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.<br>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.<br>Simple setting via high-resolution display with background illumination.<br>With preset switching times/date/time.<br>Factory-set switching times can be individually adjusted.<br>Automatic switchover from summer time to winter time (switch-off function).<br>Switching times/programme are safely stored in the event of a mains power failure.<br>Power reserve for time and date > 10 years.<br>Simple toggling between manual/automatic/vacation modes.<br>Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function.<br>Freely adjustable temperature and brightness-dependent sun protection function.<br>Freely adjustable twilight function.<br>User-adjustable running times for blinds and air conditioning.<br>Programming possible only with control element attached and energized.<br>6 switching times per day can be user-defined for each day of the week.<br>Astro switching times and switching times can be combined.<br>When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.<br>For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.<br>For Busch-Universal relay switch insert 6401 U-102.<br>For Busch-Universal master dimmer insert 6593 U.<br>For LED dimmer insert 6524 U and 6526 U..<br>For Busch-Memory touch-type controller 6550 U-101.<br>Temperature range (Device): 0 °C to 35 °C |                 |          |
|   | <b>6455-101-500</b>   | 2CKA006410A0399 | 1/10     |

<sup>1)</sup> See respective cover plates 6435-xx.


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Standard timer control element <sup>1)</sup></b>   |                 |          |
|   | For manual and time-controlled switching of blinds and roller blinds.<br>With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.<br>Simple setting via high-resolution display with background illumination.<br>With preset switching times/date/time.<br>Factory-set switching times can be individually adjusted.<br>Automatic switchover from summer time to winter time (switch-off function).<br>Switching times/programme are safely stored in the event of a mains power failure.<br>Power reserve for time and date > 10 years.<br>Simple toggling between manual/automatic/vacation modes.<br>Programming possible only with control element attached and energized.<br>2 switching times per day can be user-defined for each day of the week.<br>Astro switching times and switching times can be combined.<br>For basic blind insert 6418 U.<br>Temperature range (Device): 0 °C to 35 °C |                 |          |
|   | <b>6456-101</b>   | 2CKA006410A0398 | 1/10     |

<sup>1)</sup> See respective cover plates 6435-xx.

|   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b>  |                 |          |
|   | For comfort timer control element 6455-101-500.<br>For standard timer control element 6456-101.<br>For room thermostats 1098 U-101 and 1098 UF-101.<br>For Busch-CO2 sensor 1091 U-500. |                 |          |
| white   | <b>6435-92-507</b>  | 2CKA006430A0353 | 10       |
| champagne   | <b>6435-93-507</b>  | 2CKA006430A0392 | 10       |
| alpine white  | <b>6435-94-507</b>  | 2CKA006430A0352 | 10       |
| château-black   | <b>6435-95-507</b>  | 2CKA006430A0393 | 10       |
| chalet-white  | <b>6435-96-507</b>  | 2CKA006430A0394 | 10       |


## basic55®

Blind control / timers / CO<sub>2</sub> sensor

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-CO2 sensor <sup>1)</sup></b><br/> <b>For controlling the incoming fresh air in rooms by means of opening or switching of windows/fans.</b><br/>           With display for carbon dioxide, humidity, temperature and air pressure.<br/>           Setting values: carbon dioxide 800 ppm - 1500 ppm, humidity 40% - 95%.<br/>           With 2 zero-potential relay contacts.<br/>           Nominal voltage: 230 V~<br/>           Nominal current: 6 A cos φ = 1<br/>           Without claw fixation.<br/>           To fit cover plate 6435-xxx.</p> | <b>1091 U-500</b> | 2CKA001032A0518 | 1/10     |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

Socket outlets


| Product  | Article-No.   | Order-No.            | Pack/Qty               |
|--|---------------|----------------------|------------------------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup></b><br/>           With screwless terminals.<br/>           DP (2 P + E)<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A</p> | white         | <b>20 EUC-92-507</b> | 2CKA002011A3857 10/100 |
|  | alpine white  | <b>20 EUC-94-507</b> | 2CKA002011A3855 10/100 |
|  | château-black | <b>20 EUC-95-507</b> | 2CKA002011A6142 10/100 |

<sup>1)</sup> Terminals suitable for loop through connection.


<sup>2)</sup> Surface painted.


|  |               |                        |                        |
|--|---------------|------------------------|------------------------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> shuttered</b><br/>           With screwless terminals.<br/>           DP (2 P + E)<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A</p> | white         | <b>20 EUCKS-92-507</b> | 2CKA002013A5279 10/100 |
|  | alpine white  | <b>20 EUCKS-94-507</b> | 2CKA002013A5278 10/100 |
|  | château-black | <b>20 EUCKS-95-507</b> | 2CKA002013A5338 10     |

<sup>1)</sup> Increased shock protection.

|  |               |                         |                    |
|--|---------------|-------------------------|--------------------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> with marking "DATA"</b><br/>           With screwless terminals.<br/>           DP (2 P + E)<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A</p> | white         | <b>20 EUC/DV-92-507</b> | 2CKA002011A3856 10 |
|  | alpine white  | <b>20 EUC/DV-94-507</b> | 2CKA002011A3854 10 |
|  | château-black | <b>20 EUC/DV-95-507</b> | 2CKA002011A6143 10 |






<sup>1)</sup> Can only be used in SI frames with adapter 1746-....




|  |                 |                              |                    |
|--|-----------------|------------------------------|--------------------|
|  <p><b>SCHUKO® socket outlet with marking</b><br/>           With screwless terminals.<br/>           DP (2 P + E)<br/>           With continuous coloured marking of cover plate and base.<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A</p> | red RAL 3020    | <b>20 EUC-12-92-507-1012</b> | 2CKA002011A6252 10 |
|  | Green, RAL 6032 | <b>20 EUC-13-92-507-101</b>  | 2CKA002011A6261 10 |
|  | orange RAL 2004 | <b>20 EUC-14-92-507</b>      | 2CKA002011A6153 10 |

|   |               |                      |                        |
|---|---------------|----------------------|------------------------|
|  <p><b>SCHUKO® socket outlet with hinged lid</b><br/>           With screwless terminals.<br/>           DP (2 P + E)<br/>           Hinged lid notches when opened.<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A</p> | white         | <b>20 EUK-92-507</b> | 2CKA002018A0351 10/100 |
|   | alpine white  | <b>20 EUK-94-507</b> | 2CKA002018A0350 10/100 |
|   | château-black | <b>20 EUK-95-507</b> | 2CKA002018A1499 10     |

## basic55®


### Blind control / timers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Blind insert, 1 gang, 2 way flex</b><br>3 wire connection (neutral conductor required). For the control of roller shutters, blind and awning motors with mechanical or electronic limit switch shut-off. Group formation via extension input possible. Operation also via conventional push buttons (2020 US non-illuminated/2021/6 UK) possible. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL.  |                 |          |
|   | <b>64831 U-500</b>   | 2CKA006400A0096 | 1        |
|    | <b>Extension insert flex</b><br>3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts.   |                 |          |
|   | <b>64891 U-500</b>   | 2CKA006800A3051 | 1        |
|  | <b>Control element, 1 gang flex</b><br>Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.  |                 |          |
|   | <b>64711-500</b>   | 2CKA006400A0099 | 1        |
|  | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 1gang. For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62711-WL-500</b>  | 2CKA006200A0281 | 1        |
|  | <b>Control element, 2 gang flex</b><br>Tapping control element, 2gang For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.   |                 |          |
|   | <b>64721-500</b>   | 2CKA006400A0101 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Control element, 1 gang, flex wireless</b><br>Tapping control element, 2gang For the manual and automatic control of roller blinds, blinds, awnings, lighting and electric loads. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Timer with Astro function. For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx. For saving and calling up 2 scenes via the right rocker. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U. |                 |          |
|   | <b>62721-WL-500</b>   | 2CKA006200A0283 | 1        |
|  | <b>Weather Station</b><br>For recording and transmitting of brightness, temperature, wind speed and rain. Weather data can be linked with actuators to automatically control functions. Weather data can be visualized in the free@home web interface and the free@home app. Remote operation via the Bluetooth and smartphone/tablet app.  |                 |          |
|   | <b>WS-1-WL.1</b>  | 2CKA006200A0297 | 1        |
|  | <b>Standard Inputs</b><br>WS-1/A1.1 Mast adapter weather station  |                 |          |
|   | <b>WS-1/A1.1</b>  | 2CKA006200A0848 | 1        |

**basic55®**

## Blind control / timers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker<br/>1gang, with "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/<br>actuator units |                 |          |
| white   | SRB-1-92   | 2CKA006220A0637 | 1        |
| alpine white  | SRB-1-94   | 2CKA006220A0671 | 1        |
| chateau-black   | SRB-1-95   | 2CKA006220A0688 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Rocker<br/>2gang left/right, "Blind" icon</b><br>As cover for ABB-free@home® sensor units and sensor/<br>actuator units |                 |   |
| white   | SRB-2-92   | 2CKA006220A0642 | 1 |
| alpine white  | SRB-2-94   | 2CKA006220A0676 | 1 |
| chateau-black   | SRB-2-95   | 2CKA006220A0693 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Rocker<br/>2gang right, with "Scene" icon</b><br>As cover for ABB-free@home® sensor units and sensor/<br>actuator units |                 |   |
| white   | SRS-2-R-92   | 2CKA006220A0647 | 1 |
| alpine white  | SRS-2-R-94   | 2CKA006220A0681 | 1 |
| chateau-black   | SRS-2-R-95   | 2CKA006220A0698 | 1 |


| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|


## basic55®

### Socket outlets


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet with hinged lid</b><br>Shuttered.<br>With screwless terminals.<br>DP (2 P + E)<br>Hinged lid notches when opened.<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |          |
| white   | <b>20 EUKB-92-507</b>  | 2CKA002111A0652 | 10       |
| alpine white  | <b>20 EUKB-94-507</b>  | 2CKA002111A0654 | 10       |
| château-black   | <b>20 EUKB-95-507</b>  | 2CKA002111A0655 | 10       |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>SCHUKO® socket outlet with hinged lid</b><br>Delivered with special frame for IP44 protection level<br>The IP44 protection level will be achieved only if the device is mounted on a flat and napless wall.<br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |        |
| white   | <b>20 EUCKD-92-507</b>  | 2CKA002018A1504 | 10/100 |
| alpine white  | <b>20 EUCKD-94-507</b>  | 2CKA002018A1505 | 10/100 |
| château-black   | <b>20 EUCKD-95-507</b>  | 2CKA002018A1502 | 10/100 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Single socket outlet with lid, shuttered, IP44</b><br>The IP44 protection level will be achieved only if the device is mounted on a flat and napless wall.<br>With screwless terminals.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |    |
| white   | <b>5519B-A02999 92</b>   | 2CHB192999A4092 | 10 |
| alpine white  | <b>5519B-A02999 94</b>   | 2CHB192999A4094 | 10 |
| château-black   | <b>5519B-A02999 95</b>   | 2CHB192999A4095 | 10 |

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Socket outlet <sup>1)</sup> with earth pin</b><br>With screwless terminals.<br>Suitable for the countries: Belgium, Poland, Czech Republic.<br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |        |
|   | <b>20 M-500</b>  | 2CKA002017A0854 | 10/100 |


<sup>1)</sup> Insert can be used for all covers 2399 UCKS-xx.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate shuttered</b><br>For socket outlet insert 20 M-500. |                 |    |
| white   | <b>2399 UCKS-92-507</b>  | 2CKA002099A0251 | 10 |
| alpine white  | <b>2399 UCKS-94-507</b>  | 2CKA002099A0250 | 10 |
| château-black   | <b>2399 UCKS-95-507</b>  | 2CKA002099A0260 | 10 |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Double SCHUKO® socket outlets <sup>1) 2)</sup></b><br>Complete cover.<br>With screwless terminals.<br>DP (2 P + E)<br>Suitable for 1gang flush-mounted boxes.<br>Rated voltage: 250 V~, Rated current: 16 A<br>Protection class (Device): IP 20 |              |          |
| white   | <b>202 EUJ-92</b>  | 2TKA00003903 | 10/100   |
| alpine white  | <b>202 EUJ-94</b>  | 2TKA00003904 | 10/100   |


<sup>1)</sup> Separat installation only possible.

<sup>2)</sup> With 2 x 2 terminals per pole.

|   |  |              |        |
|---|--|--------------|--------|
|  | <b>Double SCHUKO® socket outlets <sup>1) 2)</sup></b><br>Complete cover.<br>With screwless terminals.<br>DP (2 P + E)<br>Suitable for 1gang flush-mounted boxes.<br>Rated voltage: 250 V~, Rated current: 16 A<br>Protection class (Device): IP 20 |              |        |
| white   | <b>202 EUJ-92</b>  | 2TKA00003903 | 10/100 |
| alpine white  | <b>202 EUJ-94</b>  | 2TKA00003904 | 10/100 |

<sup>1)</sup> Separat installation only possible.

<sup>2)</sup> With 2 x 2 terminals per pole.


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>SCHUKO® socket outlet <sup>1) 2)</sup> with screw-type terminals</b><br>DP (2 P + E)<br>Rated voltage: 250 V~<br>Rated current: 16 A |                 |    |
| ivory   | <b>2300 EUC-92-507</b>  | 2CKA002011A6154 | 10 |
| alpine white  | <b>2300 EUC-94-507</b>  | 2CKA002011A6155 | 10 |
| château-black   | <b>2300 EUC-95-507</b>  | 2CKA002011A6147 | 10 |

<sup>1)</sup> Terminals suitable for loop through connection.

<sup>2)</sup> With screw-type terminals

## basic55®

### Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® USB socket outlet, 2gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> shuttered</b>   |                 |          |
|   | For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Rated voltage: 230 V~, +10 % / --10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: SCHUKO® socket outlet<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Output voltage: 5 V-<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |          |
| white   | <b>20 EUCB2USB-92-507</b>   | 2CKA002011A6285 | 1/10     |
| alpine white  | <b>20 EUCB2USB-94-507</b>   | 2CKA002011A6287 | 1/10     |
| château-black   | <b>20 EUCB2USB-95-507</b>   | 2CKA002011A6288 | 1/10     |


<sup>1)</sup> Increased shock protection.

<sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>3)</sup> No data transfer.

<sup>4)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.

<sup>5)</sup> Surface painted.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>USB socket outlet earthing pin, 2gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> shuttered</b>   |                 |          |
|   | For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable.<br>With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection:<br>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Suitable for the countries: Belgium, Poland, Czech Republic.<br>Rated voltage: 230 V~, +10 % / --10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: Earth pin socket<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |          |
| white   | <b>20 MUCB2USB-92-507</b>  | 2CKA002017A1898 | 1/10     |
| alpine white  | <b>20 MUCB2USB-94-507</b>  | 2CKA002017A1900 | 1/10     |
| château-black   | <b>20 MUCB2USB-95-507</b>  | 2CKA002017A1901 | 1/10     |

<sup>1)</sup> Socket outlet with integrated child protection. Replaces the usual term"...with child protection".


<sup>2)</sup> No data transfer.

<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.


<sup>4)</sup> Surface painted.

## basic55®


### Data communication

| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Universal data connection unit, cat. 3 <sup>1)</sup></b><br/> <b>1gang</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> | <b>0213-507</b> | 2CKA000230A0378 | 1/10     |


<sup>1)</sup> Suitable for cover plate 1803-xxx.

|   |                     |                 |    |
|---|---------------------|-----------------|----|
|  <p><b>Universal data connection unit, RJ45, Cat. 6e, unshielded, with down-leading outlet <sup>1)</sup></b><br/> <b>1gang</b><br/>           With down-leading outlet and LSA self-cutting clamps.<br/>           Cat. 6 according to DIN EN 50173-1:2003-06, ISO/IEC 1180:2002, and TIA/EIA-568-B.2:2002.<br/>           Marking in accordance with EIA/TIA 568 A and B.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Up to 250 MHz on all pairs of wires.<br/>           Suitable for Gigabit Ethernet.<br/>           With claw.<br/>           Suitable for RJ 11, RJ 12 und RJ 45.</p> | <b>0220-507-101</b> | 2CKA000230A0469 | 10 |
|---|---------------------|-----------------|----|


<sup>1)</sup> Suitable for cover plate 1803-xxx.


|   |                        |                 |      |
|---|------------------------|-----------------|------|
|  <p><b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup></b><br/> <b>1gang</b><br/>           With down-leading outlet and LSA self-cutting clamps.<br/>           RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>           Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>           Terminal marking A and B according to TIA/EIA-568-B.2.<br/>           Typ according to EN 60 603-7-51:2011-01.<br/>           Shielding according to DIN EN 55022, Class B.<br/>           Up to 500 MHz on all pairs of wires.<br/>           Suitable for 10-Gigabit Ethernet.<br/>           Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>           Flex cable entries from all sides without buckles.<br/>           Earthing of housing via 6,3 mm blade terminal at the back possible.<br/>           Re-embedded proofed.<br/>           Suitable for Mix-and-Match operation.<br/>           Suitable for RJ 11, RJ 12 und RJ 45.<br/>           For data cables with a diameter of 6 -10 mm.<br/>           For wires of AWG 24-22.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without claws.<br/>           Mounting depth: 31 mm.<br/>           Protection class (Device): IP 20</p> | <b>0218/11-101-507</b> | 2CKA000230A0410 | 1/10 |
|---|------------------------|-----------------|------|

<sup>1)</sup> Suitable for cover plate 1803-xxx.


| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Universal data connection unit, RJ45, Cat. 6e, unshielded, with down-leading outlet <sup>1)</sup></b><br/> <b>1gang</b><br/>           With down-leading outlet and LSA self-cutting clamps.<br/>           Cat. 6 according to DIN EN 50173-1:2003-06, ISO/IEC 1180:2002, and TIA/EIA-568-B.2:2002.<br/>           Cat. 6a (Category 6 augmented) in accordance with TIA/EIA-568-B.2-10 Draft 8.0.<br/>           Marking in accordance with EIA/TIA 568 A and B.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Up to 250 MHz on all pairs of wires.<br/>           Suitable for Gigabit Ethernet.<br/>           With claw.</p> | <b>0221-507</b> | 2CKA000230A0399 | 10       |

<sup>1)</sup> Suitable for cover plate 1803-xxx.

|   |                 |                 |      |
|---|-----------------|-----------------|------|
|  <p><b>Modular-Jack insert</b><br/> <b>Cat. 6 non-shielded, 8 (8)-pole</b><br/>           For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>           For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).</p> | <b>0209-507</b> | 2CKA000225A0154 | 1/10 |
|---|-----------------|-----------------|------|

|   |   |  |        |
|---|---|--|--------|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup></b><br/> <b>2gang internally parallel connected</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> | <b>0214</b>   | 2CKA000230A0235                                    | 10/100 |
|   | <b>Mounting boxes:</b>                                      | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB. |        |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |  |        |
| <b>neon indicator:</b>  | not applicable  |  |        |





<sup>1)</sup> Suitable for cover plate 1803-02-xxx.





|   |   |  |    |
|---|---|--|----|
|  <p><b>Universal data connection box with down-leading outlet <sup>1)</sup></b><br/> <b>2 x outlets, 8/8-pole</b><br/>           With down-leading outlet.<br/>           For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3.<br/>           Design according to IEC 60 603-7-2:2007.<br/>           Screw contacts<br/>           With claw.<br/>           Protection class (Device): IP 20</p> | <b>0215</b>   | 2CKA000230A0243                                    | 10 |
|   | <b>Mounting boxes:</b>                                      | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB. |    |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only. |  |    |
| <b>neon indicator:</b>  | not applicable  |  |    |

<sup>1)</sup> Suitable for cover plate 1803-02-xxx.

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### Data communication





| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1)</sup><br/>2 x outlets, 8/8-pole</b><br>With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06. Terminal marking A and B according to TIA/EIA-568-B.2. Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B. Up to 500 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Flex cable entries from all sides without buckles. Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. Suitable for RJ 11, RJ 12 und RJ 45. For data cables with a diameter of 6 -10 mm. For trunk systems, flush-mounted wall boxes and underfloor systems. For wires of AWG 24-22. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20 |                 |          |
| metal clad  | <b>0218/12-101-507</b>   | 2CKA000230A0412 | 1/10     |
| <sup>1)</sup> Suitable for cover plate 1803-02-xxx.                                 |  |                 |          |
|  | <b>Universal data connection unit, RJ45, Cat. 6e, unshielded, with down-leading outlet <sup>1)</sup><br/>2 x outlets, 8/8-pole</b><br>With down-leading outlet and LSA self-cutting clamps. Cat. 6 according to DIN EN 50173-1:2003-06, ISO/IEC 1180:2002, and TIA/EIA-568-B.2:2002. Cat. 6a (Category 6 augmented) in accordance with TIA/EIA-TR 42.7. Marking in accordance with EIA/TIA 568 A and B. Design according to IEC 60 603-7-2:2007. Up to 250 MHz on all pairs of wires. Suitable for 10-Gigabit Ethernet. With claw.   |                 |          |
|   | <b>0221/12-507</b>   | 2CKA000230A0400 | 10       |
| <sup>1)</sup> Suitable for cover plate 1803-02-xxx.                                 |  |                 |          |
|  | <b>Flush-mounted assembly adapter</b><br>For the accommodation of one or two universal modules 0219.<br>For flush-mounted installation.<br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>Protection class (Device): IP 20  |                 |          |
|   | <b>0219/12</b>   | 2CKA000230A0395 | 1/10     |
|  | <b>Channel assembly adapter</b><br>For the accommodation of one or two universal modules 0219.<br>For channel and under-floor installation.<br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>Protection class (Device): IP 20  |                 |          |
|   | <b>0219/13</b>   | 2CKA000230A0396 | 1/10     |

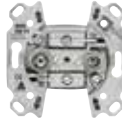
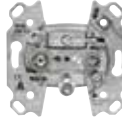




| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|                                  | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20   |                 |          |
| white   | <b>0248/02-101</b>   | 2CKA000230A0402 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.  |  |                 |          |
|                                  | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20   |                 |          |
|   |  |                 |          |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.  |  |                 |          |
|                                | <b>Stereo loudspeaker connection box <sup>1)</sup></b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20   |                 |          |
| anthracite  | <b>0248/05-101</b>   | 2CKA000230A0404 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.  |  |                 |          |
|                                | <b>USB connection unit <sup>1)</sup><br/>with screw-type terminals and strain relief</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc.<br>USB-type A, USB 2.0 compatible.<br>For 5-wire USB- cables via screw-type terminals.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>For easy mounting and adhering to the admissible bending radii, the Kaiser >Electronic socket<, article number 1068-02 or 9062-74, is recommended.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20<br>Mounting depth: 34 mm |                 |          |
| white   | <b>0261/11-500</b>   | 2CKA000230A0418 | 1        |
| <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. USB cable lengths. |  |                 |          |



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### Data communication

| Product  | Article-No.           | Order-No.       | Pack/Qty |
|--|-----------------------|-----------------|----------|
|  <p><b>VGA connection unit <sup>1)</sup> with screw-type terminals and strain relief</b><br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>To link analogue video data between PCs and laptops to monitors or digital projectors etc.<br/>VGA-type: D-type, 15-pole. Fully HD ready (1920 x 1080 pixel). For 15-wire VGA-cables via screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>Without cover plate.<br/>Without claws.<br/>Protection class (Device): IP 20<br/>Mounting depth: 34 mm</p>  | <b>0261/21-500</b>    | 2CKA000230A0424 | 1        |
| white  |                       |                 |          |
| <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.  |                       |                 |          |
|  <p><b>HDMI connection unit <sup>1)</sup> with screw-type terminals and strain relief</b><br/>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens. HDMI-type A, 3D-compatible. Fully HD ready (1920 x 1080 pixel). For 20-wire HDMI-cables via screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>Without cover plate.<br/>Without claws.<br/>Protection class (Device): IP 20<br/>Mounting depth: 34 mm</p> | <b>0261/31-500</b>    | 2CKA000230A0430 | 1        |
| white  |                       |                 |          |
| <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.   |                       |                 |          |
|  <p><b>TV outlet</b><br/>For connection to a TV or FM co-axial aerial lead.<br/>Rated frequency: 5000 Hz - 860000 Hz IEC 60169-2</p>  | <b>1743-01-94-507</b> | 2CKA001724A4276 | 10/100   |
| alpine white   |                       |                 |          |
| <b>1743-01-95-507</b>  |                       | 2CKA001724A4313 | 10       |
| château-black  |                       |                 |          |
|  <p><b>Satellite co-axial outlets 2 connectors/dead-end feeder</b><br/>Broadband technology 5-2.400 MHz<br/>For DVB-T, satellite and broad-band cable systems.<br/>For analogue and digital transmission.<br/>With claw.<br/>Minimal installation depth, class A.<br/>Protection class (Device): IP 20</p>  | <b>0230-101-507</b>   | 2CKA000230A0380 | 10/100   |


| Product   | Article-No.         | Order-No.       | Pack/Qty |
|---|---------------------|-----------------|----------|
|  <p><b>Antenna socket insert Radio/TV 2 connectors/loop through type</b><br/>Broadband technology 5-2.400 MHz<br/>For DVB-T, satellite and broad-band cable systems.<br/>For analogue and digital transmission.<br/>With claw.<br/>Minimal installation depth, class A.<br/>Protection class (Device): IP 20</p>   | <b>0231-101</b>     | 2CKA000230A0268 | 10/100   |
|  <p><b>Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder</b><br/>Broadband technology 47-2.150 MHz.<br/>SAT connection designed as screwable F-male plug. with remote feed via F-bush<br/>For DVB-T and broadband-cable-systems.<br/>For analogue and digital transmission.<br/>With claw.<br/>Minimal installation depth, class A.<br/>Protection class (Device): IP 20</p> | <b>0232-101-500</b> | 2CKA000230A0463 | 10/100   |
|  <p><b>Terminating resistor 75 Ohm</b><br/>Protection class (Device): IP 20</p>  | <b>0239</b>         | 2CKA000230A0201 | 10/100   |
|  <p><b>Modular-Jack insert Cat. 5e non-shielded, 8 (8)-pole</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).</p>   | <b>0211/11-507</b>  | 2CKA000225A0153 | 1/10     |
|  <p><b>Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>  | <b>0210</b>         | 2CKA000225A0078 | 10       |
|  <p><b>Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)</b><br/>For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.<br/>For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).<br/>Protection class (Device): IP 20</p>  | <b>0211</b>         | 2CKA000225A0086 | 10       |

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### Data communication


| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>Universal module, RJ 45, cat. 6a iso, shielded <sup>1)</sup> 1gang</b><br/>           For installation in installation adapter 0219/12 or 0219/13.<br/>           Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB.<br/>           RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).<br/>           Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.<br/>           Cat. 6A according to ISO/IEC 11801: 2011-06.<br/>           Terminal marking A and B according to TIA/EIA-568-B.2.<br/>           Typ according to EN 60 603-7-51:2011-01. Shielding according to DIN EN 55022, Class B. Suitable for PoE+ according to IEEE 802.3at, &gt;- 1.000 contact durability.<br/>           Bend-radius optimised cable feed (30°).<br/>           Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed.<br/>           Suitable for Mix-and-Match operation.<br/>           For 8-pole plug RJ 45 only. Housing made from diecast zinc. With integrated dust-protection cap (can be removed if necessary). With insulation displacement connection.<br/>           For data cables with a diameter of 6 -10 mm.<br/>           For wires of AWG 24-22.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Protection class (Device): IP 20</p> | <b>0219-101-507</b> | 2CKA000230A0414 | 1/10     |
| metal clad   | <b>0219-101-507</b> | 2CKA000230A0414 | 1/10     |

<sup>1)</sup> With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.

|  |                 |                 |        |
|--|-----------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with green insert</b><br/>           For 2 modular jack inserts.<br/>           For systems: CommScope (AVAYA / AT&amp;T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.<br/>           With R&amp;M adapter R310694 suitable for R&amp;M connection modules R305111, R305112, R305113 and R305114.<br/>           Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | <b>1810-500</b> | 2CKA001753A9974 | 10/100 |
|--|-----------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

|  |                 |                 |        |
|--|-----------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with red insert</b><br/>           For 2 modular jack inserts.<br/>           Suitable for Art. Nos. 0210, 0211 and 0219-101.<br/>           For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas &amp; Betts<br/>           For Telegärtner AMJ/UMJ connection modules / couplings.<br/>           For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk.<br/>           Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | <b>1812-500</b> | 2CKA001753A9972 | 10/100 |
|--|-----------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

| Product  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with black insert</b><br/>           For MTRJ or 2 modular jack inserts.<br/>           For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.<br/>           For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.<br/>           Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | <b>1814-500</b> | 2CKA001753A9973 | 10/100   |


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

|  |             |                 |        |
|--|-------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with blue insert</b><br/>           For 2 modular jack inserts.<br/>           For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III.<br/>           Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | <b>1816</b> | 2CKA001710A3100 | 10/100 |
|--|-------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.

|   |             |                 |        |
|---|-------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with orange base</b><br/>           For 2 modular jack inserts.<br/>           For system: LexCom 150 and LexCom 250.<br/>           Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | <b>1819</b> | 2CKA001753A8056 | 10/100 |
|---|-------------|-----------------|--------|

<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

<sup>2)</sup> For further information, please refer on the Internet.


|  |             |                 |        |
|--|-------------|-----------------|--------|
|  <p><b>Mounting plate <sup>1)</sup> <sup>2)</sup> with grey base</b><br/>           For 2 modular jack inserts.<br/>           For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.<br/>           Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | <b>1820</b> | 2CKA001753A8057 | 10/100 |
|--|-------------|-----------------|--------|


<sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.


<sup>2)</sup> For further information, please refer on the Internet.


## basic55®


### Data communication


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate<br/>1gang</b><br>As cover for universal data connection boxes.<br>Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br>Brand-Rex (WAEGV 8 EKR/EK).<br>BTR ( universal data connecting unit design and IAE design).<br>Telegärtner (AMJ 45, UMJ 45).<br>With down-leading outlet. |                 |          |
| white   | <b>1803-92-507</b>  | 2CKA001753A0098 | 10/100   |
| alpine white  | <b>1803-94-507</b>  | 2CKA001753A0096 | 10/100   |
| château-black   | <b>1803-95-507</b>  | 2CKA001753A0207 | 10       |

|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>Cover plate<br/>2gang</b><br>As cover for universal data connection boxes.<br>Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.<br>Brand-Rex (WAEGV 8/8 EKR/EK).<br>AMP (NETCONNECT 5E).<br>BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).<br>cti (cti-wire 2.8 Cat.6).<br>Telegärtner (AMJ 45, UMJ 45).<br>With down-leading outlet. |                 |        |
| white  | <b>1803-02-92-507</b>   | 2CKA001753A0097 | 10/100 |
| alpine white   | <b>1803-02-94-507</b>   | 2CKA001753A0095 | 10/100 |
| château-black  | <b>1803-02-95-507</b>   | 2CKA001753A0206 | 10     |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover plate</b><br>For telephone connection unit.<br>For USB, VGA, HDMI inserts and communication adapter.<br>USB power adapter insert 6472 U-500-101.<br>USB power adapter insert 6475 U-101-500.<br>For loudspeaker connection box.<br>Suitable for part number 0248/0x-101.<br>For data modules.<br>Suitable for Art. No. 0219/12 and 0219/13.<br>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br>Protection class (Device): IP 20 |                 |        |
| white   | <b>2539-92-507</b>  | 2CKA001724A4279 | 10     |
| alpine white  | <b>2539-94-507</b>  | 2CKA001724A4275 | 10/100 |
| château-black   | <b>2539-95-507</b>  | 2CKA001724A4315 | 10     |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate<br/>adapter ring</b><br>For telecommunication inserts with cover plate 50 x 50 mm.<br>With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. |                 |    |
| white   | <b>1746-92-507</b>  | 2CKA001726A0221 | 10 |
| alpine white  | <b>1746-94-507</b>  | 2CKA001726A0219 | 10 |
| château-black   | <b>1746-95-507</b>  | 2CKA001726A0231 | 10 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate<br/>as cover for standard Radio/TV/SAT socket outlets</b><br>With 3 connectors.<br>Radio/TV/SAT.<br>With M3 fixing screw. |                 |          |
| white   | <b>1743-92-507</b>   | 2CKA001724A4284 | 10/100   |
| alpine white  | <b>1743-94-507</b>   | 2CKA001724A4283 | 10/100   |
| château-black   | <b>1743-95-507</b>   | 2CKA001724A4314 | 10       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate <sup>1)</sup><br/>with metal mounting plate</b><br>As cover for flex outlet, for cords up to 10.3 mm diameter.<br>With strain relief (without terminal block). |                 |    |
| white   | <b>2527-92-507</b>  | 2CKA001710A3773 | 10 |
| alpine white  | <b>2527-94-507</b>  | 2CKA001710A3772 | 10 |
| château-black   | <b>2527-95-507</b>  | 2CKA001710A3936 | 10 |


<sup>1)</sup> Cover plate can also be used individually as cover for telephone connector boxes (VDo).


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blank plate<br/>with metal mounting plate</b> |                 |    |
| white   | <b>2538-92-507</b>                               | 2CKA001715A0313 | 10 |
| alpine white  | <b>2538-94-507</b>                               | 2CKA001715A0312 | 10 |
| château-black   | <b>2538-95-507</b>                               | 2CKA001715A0315 | 10 |

**basic55®**

## Data communication

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate</b><br>As cover for flush-mounted light signal.<br>For insert 2061/2661 U. |                 |          |
| white   | <b>1756-92-507</b>  | 2CKA001753A0099 | 10       |
| alpine white  | <b>1756-94-507</b>  | 2CKA001753A0100 | 10       |
| château-black   | <b>1756-95-507</b>  | 2CKA001753A0205 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate with metal mounting plate</b><br>For 1 modular jack.<br>Suitable for Art. Nos. 0210, 0211 and 0219-101.<br>Without claws. |                 |    |
| white   | <b>2561-92-507</b>   | 2CKA001753A0211 | 10 |
| alpine white  | <b>2561-94-507</b>   | 2CKA001753A0213 | 10 |
| château-black   | <b>2561-95-507</b>   | 2CKA001753A0214 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate <sup>1)</sup> with labelling field</b><br>For modular jack with slide entrance.<br>To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820.<br>Size of labelling field: 60 x 9 mm. |                 |    |
| white   | <b>1800-92-507</b>   | 2CKA001710A3944 | 10 |
| alpine white  | <b>1800-94-507</b>   | 2CKA001710A3945 | 10 |
| château-black   | <b>1800-95-507</b>   | 2CKA001710A3942 | 10 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).



## Multimedia communication adapter

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Radio DAB+ <sup>1)</sup></b><br>DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br>With high-resolution colour display for showing additional information.<br>Reception frequency: 87.50 MHz - 108.00 MHz.<br>Receive frequency (DAB+): 174 MHz - 240 MHz.<br>With external AUX input/output, reversible.<br>For mono/stereo operation.<br>8 radio stations storable.<br>With time and date display.<br>With individual alarm and snooze function.<br>With automatic switch-off function (automatic sleep mode).<br>With extension input to remote-controlled ON/OFF switches.<br>With integrated antenna.<br>With additional connection for external antenna.<br>Permitted speaker impedance: 4 - 8 Ohm<br>Can be installed as 1gang and in multiple combinations.<br>Control element: 4-button operation via floating rocker<br>Display elements: ICU graphic display with 280 DPI.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Control/Signal outputs: 2, Loudspeaker output, impedance 4 Ohm<br>Rated power: 2 W (RMS)<br>Protection class (Device): IP 20<br>Temperature range (Device): 5 °C to 40 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br>Mounting depth: 32 mm |                 |          |
|   | <b>8215 U-101-500</b>  | 2CKA008200A0276 | 1/10     |



<sup>1)</sup> No claw. Screw-fixing via keyholes.

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### Multimedia communication adapter

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>Busch-Radio BTconnect DAB+ 1)</b><br/> <b>With Bluetooth interface for music replay.</b><br/>           DAB+ and RDS stereo radio alarm clock for flush-mounted installation.<br/>           With high-resolution colour display for showing additional information.<br/>           With Bluetooth interface for music replay of mobile devices.<br/>           Connection of external Bluetooth loudspeakers possible.<br/>           Reception frequency: 87.50 MHz - 108.00 MHz.<br/>           Receive frequency (DAB+): 174 MHz – 240 MHz.<br/>           With external AUX input/output, reversible.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With individual alarm and snooze function.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated antenna.<br/>           With additional connection for external antenna.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Bluetooth specification: 4.2.<br/>           Bluetooth profiles supported: A2DP<br/>           Number of stored Bluetooth connections: max. 8<br/>           Control element: 4-button operation via floating rocker<br/>           Display elements: ICU graphic display with 280 DPI.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Rated power: 2 W (RMS)<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm<br/>           Mounting depth: 32 mm</p>  | <b>8217 U-101-500</b> | 2CKA008200A0279 | 1/10     |

<sup>1)</sup>No claw. Screw-fixing via keyholes.

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-Radio iNet 1) 2) 3) 4) 5)</b><br/>           WLAN Internet radio alarm clock for flush-mounted installation.<br/>           For the reception of national and international radio stations via Internet.<br/>           Radio station search possible via various genres.<br/>           With high resolution graphic display and background illumination.<br/>           With external AUX input.<br/>           Integrated web-server for configuration and control.<br/>           Remote operation with smartphone via browser surface.<br/>           UPnP replay function. It is controlled via smartphone.<br/>           For mono/stereo operation.<br/>           8 radio stations storable.<br/>           With time and date display.<br/>           With alarm function.<br/>           With short-time timer.<br/>           With automatic switch-off function (automatic sleep mode).<br/>           With extension input to remote-controlled ON/OFF switches.<br/>           With integrated WLAN antenna.<br/>           WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).<br/>           WLAN safety: WPA / WPA2.<br/>           Permitted speaker impedance: 4 - 8 Ohm<br/>           Can be installed as 1gang and in multiple combinations.<br/>           Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Protection class (Device): IP 20<br/>           Temperature range (Device): 5 °C to 40 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm<br/>           Mounting depth: 33 mm</p>  | <b>8216 U-500</b> | 2CKA008200A0153 | 1/10     |


<sup>1)</sup>No claw. Screw-fixing via keyholes.

<sup>2)</sup>Matching loudspeaker insert 8223 U.

<sup>3)</sup>Auch mit Deckeneinbaulautsprecher (8225 EB) kombinierbar.

<sup>4)</sup>Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).


<sup>5)</sup>To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

|   |                   |                 |      |
|---|-------------------|-----------------|------|
|  <p><b>Loudspeaker insert 1)</b><br/> <b>5 cm (2")</b><br/>           With flat plug connector.<br/>           With broadband characteristics.<br/>           Rated output: 2 W (RMS)<br/>           Incl. speaker connection cable.<br/>           Frequency response: 200 - 20,000 Hz<br/>           Impedance: 4 Ohm<br/>           Protection class (Device): IP 20, SELV<br/>           Mounting depth: 32 mm</p> | <b>8223 U-500</b> | 2CKA008200A0183 | 1/10 |
|---|-------------------|-----------------|------|

<sup>1)</sup>No claw. Screw-fixing via keyholes.

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### Multimedia communication adapter


| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Busch-powerDock Insert <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/>           For charging and supplying mobile terminal devices.<br/>           With quick charging function for devices compatible with quick-charge™.<br/>           Makes possible fast charging of the mobile terminal device.<br/>           Rated voltage: 100 - 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Suitable for: Apple terminal device<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with USB-C connection<br/>           Rated current: 2.1 A<br/>           Output voltage: 5 V-<br/>           Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge™ function.<br/>           Rated current: 2 A<br/>           Output voltage: 9 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm<br/>           Mounting depth: 32 mm</p> | <b>6473 U-500</b> | 2CKA006400A0039 | 1/10     |

<sup>1)</sup>No claw. Screw-fixing via keyholes.


<sup>2)</sup>The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.


<sup>3)</sup>In rare cases the manufacturers of USB-C terminal devices support the quick-charging function independent of this standard only in case of charging devices that are the same as those of other manufacturers.

<sup>4)</sup>In these cases the quick-charging function of the terminal device is not enabled.

|  |                 |                 |      |
|--|-----------------|-----------------|------|
|  <p><b>Busch-powerDock Charging cradle with Apple lightning connection <sup>1)</sup></b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with lightning connection.<br/>           For iPhone XS Max, iPhone XS, iPhone XR, iPhone X.<br/>           For iPhone 8 Plus, iPhone 8.<br/>           For iPhone 7 Plus, iPhone 7.<br/>           For iPhone SE.<br/>           For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6.<br/>           For iPhone 5s, iPhone 5c, iPhone 5.<br/>           For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation).<br/>           Suitable for use with protective covers certified by Apple.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473-500</b> | 2CKA006400A0081 | 1/10 |
|--|-----------------|-----------------|------|

<sup>1)</sup>Not released for use with the iPad.

|  |                    |                 |      |
|--|--------------------|-----------------|------|
|  <p><b>Busch-powerDock Charging cradle with USB-C connection</b><br/>           For Busch-powerDock insert 6473 U.<br/>           For attaching mobile terminal devices with USB-C connection.<br/>           Temperature range (Device): 5 °C to 35 °C<br/>           Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> | <b>6473/11-500</b> | 2CKA006400A0083 | 1/10 |
|--|--------------------|-----------------|------|

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>With USB-A &amp; USB-C interface</b><br/>           For supply and support of mobile devices via USB-cable.<br/>           With USB type A and USB type C female connector.<br/>           To support two devices at the same time.<br/>           Supports automatic negotiating of optimum charging parameters for the shortest charging times.<br/>           Support of loading protocol on the USB-A connection:<br/>           Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>           Support of the additional quick-charge protocols:<br/>           USB-PD and quick-charge 3.0 &amp; 4.0.<br/>           With electronic short-circuit protection.<br/>           With electronic overload protection.<br/>           Rated voltage: 220 - 230 V AC<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 2x USB charging interface<br/>           Suitable for: Only USB-A bus occupied:<br/>           Rated current: 3000 mA<br/>           Output voltage: 5 V-<br/>           Suitable for: Only USB-C bus occupied:<br/>           Rated power: 18 W<br/>           Suitable for: USB-A and USB-C bus occupied. Total:<br/>           Rated current: 3250 mA<br/>           Output voltage: 5 V-<br/>           Protection class (Device): IP 20, SELV<br/>           Temperature range (Device): 0 °C to 35 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm<br/>           Mounting depth: 32 mm</p> | <b>6475 U-500</b> | 2CKA006400A0399 | 1        |


<sup>1)</sup>No claw. Screw-fixing via keyholes.


<sup>2)</sup>No data transfer.


<sup>3)</sup>When cleaning the device, use dust cover 2098 for the USB-A connection.


## basic55®


### Multimedia communication adapter


| Product   | Article-No.  | Order-No.          | Pack/Qty        |   |
|---|--|--------------------|-----------------|---|
|  <p><b>HDMI connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.<br/>           HDMI-type A, 3D-compatible.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 20-wire HDMI-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white  | <b>0261/31-500</b> | 2CKA000230A0430 | 1 |
|   | grey   | <b>0261/33-500</b> | 2CKA000230A0432 | 1 |
|   | alpine white   | <b>0261/32-500</b> | 2CKA000230A0431 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths. |                    |                 |   |

|  |   |                    |                 |   |
|--|---|--------------------|-----------------|---|
|  <p><b>VGA connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link analogue video data between PCs and laptops to monitors or digital projectors etc.<br/>           VGA-type: D-type, 15-pole.<br/>           Fully HD ready (1920 x 1080 pixel).<br/>           For 15-wire VGA-cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white   | <b>0261/21-500</b> | 2CKA000230A0424 | 1 |
|  | grey  | <b>0261/23-500</b> | 2CKA000230A0426 | 1 |
|  | alpine white  | <b>0261/22-500</b> | 2CKA000230A0425 | 1 |
|  | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. VGA cable lengths. |                    |                 |   |

| Product   | Article-No.   | Order-No.          | Pack/Qty        |   |
|---|---|--------------------|-----------------|---|
|  <p><b>USB connection unit <sup>1)</sup></b><br/> <b>with screw-type terminals and strain relief</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc.<br/>           USB-type A, USB 2.0 compatible.<br/>           For 5-wire USB- cables via screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           For easy mounting and adhering to the admissible bending radii, the Kaiser &gt;Electronic socket&lt;, article number 1068-02 or 9062-74, is recommended.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20<br/>           Mounting depth: 34 mm</p> | white   | <b>0261/11-500</b> | 2CKA000230A0418 | 1 |
|   | grey  | <b>0261/13-500</b> | 2CKA000230A0420 | 1 |
|   | alpine white  | <b>0261/12-500</b> | 2CKA000230A0419 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. USB cable lengths. |                    |                 |   |







|   |   |                    |                 |   |
|---|---|--------------------|-----------------|---|
|  <p><b>Communication adapter for BNC-F Duct-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | white   | <b>0262/11-500</b> | 2CKA000230A0436 | 1 |
|   | grey  | <b>0262/13-500</b> | 2CKA000230A0438 | 1 |
|   | alpine white  | <b>0262/12-500</b> | 2CKA000230A0437 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. BNC-F Duct-jack lengths. |                    |                 |   |





|   |   |                 |                 |   |
|---|---|-----------------|-----------------|---|
|  <p><b>F duct-jack for communication adapter</b><br/>           For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver.<br/>           With screw-type terminals.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Protection class (Device): IP 20</p> | metal clad  | <b>0262-500</b> | 2CKA000230A0440 | 1 |
|   | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. F duct-jack lengths. |                 |                 |   |

|  |  |                    |                 |   |
|--|--|--------------------|-----------------|---|
|  <p><b>Communication adapter for Cinch-jacks</b><br/>           Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br/>           To support 1 or 2 jacks.<br/>           For trunk systems, flush-mounted wall boxes and underfloor systems.<br/>           Without cover plate.<br/>           Without claws.<br/>           Protection class (Device): IP 20</p> | white  | <b>0263/11-500</b> | 2CKA000230A0444 | 1 |
|  | grey   | <b>0263/13-500</b> | 2CKA000230A0446 | 1 |
|  | alpine white   | <b>0263/12-500</b> | 2CKA000230A0445 | 1 |
|  | <sup>1)</sup> Please follow the recommendations of the cable and device producers for the max. Cinch-jack lengths. |                    |                 |   |

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### Multimedia communication adapter


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked white: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| alpine white  | <b>0263/04-500</b>  | 2CKA000230A0451 | 1        |
|    | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked black: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| black   | <b>0263/05-500</b>  | 2CKA000230A0452 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.<br>Audio-band 20Hz - 20kHz.<br>Marked red: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| Red   | <b>0263/06-500</b>  | 2CKA000230A0453 | 1        |
|  | <b>Cinch-jacks for communication adapter</b><br>For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.<br>Marked yellow: audio , channel left.<br>With soldering tag.<br>Protection class (Device): IP 20   |                 |          |
| yellow  | <b>0263/07-500</b>  | 2CKA000230A0454 | 1        |
|  | <b>Communication adapter for Mini-jacks 3,5mm.</b><br>Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.<br>To support 1 or 2 jacks.<br>For trunk systems, flush-mounted wall boxes and underfloor systems.<br>Without cover plate.<br>Without claws.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0264/11-500</b>  | 2CKA000230A0458 | 1        |
| grey  | <b>0264/13-500</b>  | 2CKA000230A0460 | 1        |
| alpine white  | <b>0264/12-500</b>  | 2CKA000230A0459 | 1        |
|  | <b>Mini-jack 3,5 mm for communication adapter</b><br>For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones.<br>Audio-band 20Hz - 20kHz.<br>With soldering tag.<br>Protection class (Device): IP 20  |                 |          |
| chrome gloss  | <b>0264-500</b>   | 2CKA000230A0462 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| white   | <b>0248/02-101</b>  | 2CKA000230A0402 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |   |                 |          |
|    | <b>Stereo loudspeaker connection box 1)</b><br>With screwless terminals (with screw-type terminals on the back).<br>With 4 terminals.<br>Cable cross-section max. 10 mm <sup>2</sup> .<br>Polarity is indicated by color.<br>With claw.<br>Protection class (Device): IP 20 |                 |          |
| anthracite  | <b>0248/05-101</b>  | 2CKA000230A0404 | 10/100   |
| <sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.              |   |                 |          |
|  | <b>Cover plate</b><br>For Busch-Radio DAB+ 8215 U-101.<br>For Busch-Radio BTconnect DAB+ 8217 U-101.<br>For Busch-Radio iNet 8216 U.  |                 |          |
| white   | <b>8252-92-101-507</b>  | 2CKA008200A0270 | 10       |
| alpine white  | <b>8252-94-101-507</b>  | 2CKA008200A0272 | 10       |
| château-black   | <b>8252-95-101-507</b>  | 2CKA008200A0273 | 10       |
| <sup>1)</sup> Surface painted.  |   |                 |          |
|  | <b>Cover plate</b><br>For loudspeaker insert 8223 U.  |                 |          |
| white   | <b>8253-92-507</b>  | 2CKA008200A0167 | 1/10     |
| alpine white  | <b>8253-94-507</b>  | 2CKA008200A0170 | 1/10     |
| château-black   | <b>8253-95-507</b>  | 2CKA008200A0161 | 1/10     |



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### Multimedia communication adapter

| Product   | Article-No.   | Order-No.          | Pack/Qty        |        |
|---|---------------|--------------------|-----------------|--------|
|  <p><b>Cover plate</b><br/>For telephone connection unit.<br/>For USB, VGA, HDMI inserts and communication adapter.<br/>USB power adapter insert 6475 U-101-500.<br/>For loudspeaker connection box.<br/>Suitable for part number 0248/0x-101.<br/>For data modules.<br/>Suitable for Art. No. 0219/12 and 0219/13.<br/>For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).<br/>Protection class (Device): IP 20</p> | white         | <b>2539-92-507</b> | 2CKA001724A4279 | 10     |
|   | alpine white  | <b>2539-94-507</b> | 2CKA001724A4275 | 10/100 |
|   | château-black | <b>2539-95-507</b> | 2CKA001724A4315 | 10     |

|   |               |                    |                 |    |
|---|---------------|--------------------|-----------------|----|
|  <p><b>Cover plate for Busch-powerDock</b><br/>For Busch-powerDock charging cradle.</p> | white         | <b>6477-92-507</b> | 2CKA006400A0050 | 10 |
|   | alpine white  | <b>6477-94-507</b> | 2CKA006400A0052 | 10 |
|   | château-black | <b>6477-95-507</b> | 2CKA006400A0054 | 10 |

<sup>1)</sup> Surface painted.

### Room thermostats

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/>Switch contact opens when the set temperature is reached.<br/>With fixing claws.<br/>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 10 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1094 U-500</b> | 2CKA001032A0512 | 1/10     |


**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

|   |                   |                 |      |
|---|-------------------|-----------------|------|
|  <p><b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/><b>Slide switch</b><br/>With built-in slide switch and control lamp for nightly reduction of 4 K.<br/>Switch contact opens when the set temperature is reached.<br/>With fixing claws.<br/>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br/>Class of temperature controller 1<br/>Contribution to space heating energy efficiency 1,0%.<br/>Rated voltage: 230 V~<br/>Rated current: 10 A<br/>Temperature range (Device): 5 °C to 30 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1</p> | <b>1095 U-500</b> | 2CKA001032A0514 | 1/10 |
|---|-------------------|-----------------|------|

**Mounting boxes:** 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.

**2gang product combinations:** 2gang combination with adapter plate APBS in Dual Box only.


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.

<sup>3)</sup> Switching temperature difference: ± 0.5 K.

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### Room thermostats

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>1gang 2way</b><br>With fixing claws.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 5 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |          |
|   | <b>1097 U-500</b>  | 2CKA001032A0513 | 1/10     |
| <b>Mounting boxes:</b>  | 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.   |                 |          |
| <b>2gang product combinations:</b>  | 2gang combination with adapter plate APBS in Dual Box only.  |                 |          |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup><br/>Remote sensor</b><br>With remote sensor and thermal feedback<br>For underfloor heating.<br>With built-in slide switch and control lamp for nightly reduction of 4 K.<br>Switch contact opens when the set temperature is reached.<br>With fixing claws.<br>Remote sensor cable length: 4 m.<br>Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br>Adjusting range: +10 to +50° C.<br>Connecting cable: 1mm <sup>2</sup> to 2.5 mm <sup>2</sup><br>Separate terminal to activate nighttime mode and reduction of room temperature by 4K.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 16 A, cos $\phi$ 1<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9, British Standard EN 60669-2-1 |                 |      |
|   | <b>1095 UF-507</b>  | 2CKA001032A0498 | 1/10 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>Change-over contact, setpoint indication, timer</b><br>With change-over contact.<br>Easy adjustment using menu and text-based display.<br>4 switching times per day can be user-defined for each day of the week.<br>With fixing claws.<br>Automatic summer/wintertime switch-over<br>Power reserve > 10 hours.<br>To fit cover plate 6435-xxx.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 10 A<br>Temperature range (Device): 5 °C to 30 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9 |                 |          |
|   | <b>1098 U-101</b>   | 2CKA001032A0508 | 1/10     |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

<sup>3)</sup> Switching temperature difference:  $\pm 0.5$  K.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Room thermostat, flush-mounted <sup>1)</sup> <sup>2)</sup><br/>Change-over contact, setpoint indication, timer,<br/>remote sensor</b><br>With change-over contact.<br>Easy adjustment using menu and text-based display.<br>4 switching times per day can be user-defined for each day of the week.<br>With fixing claws.<br>Automatic summer/wintertime switch-over<br>Remote sensor cable length: 4 m.<br>Sensor =NTC, 10 kilo-ohm at 25 degrees C.<br>Power reserve > 10 hours<br>To fit cover plate 6435-xxx.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Temperature range (Device): 10 °C to 50 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN<br>60730-2-9 |                 |      |
|   | <b>1098 UF-101</b>  | 2CKA001032A0509 | 1/10 |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate<br/>for room thermostat</b><br>For room thermostats 1094 U, 1097 U. |                 |    |
| white   | <b>1794-92-507</b>   | 2CKA001710A3868 | 10 |
| alpine white  | <b>1794-94-507</b>   | 2CKA001710A3866 | 10 |
| château-black   | <b>1794-95-507</b>   | 2CKA001710A3934 | 10 |


## basic55®


### Room thermostats

| Product   | Article-No.   | Order-No.          | Pack/Qty           |
|---|---------------|--------------------|--------------------|
|  <p><b>Cover plate for room thermostat</b><br/>With sliding switch for nightly room temperature reduction. to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.</p> | white         | <b>1795-92-507</b> | 2CKA001710A3869 10 |
|   | alpine white  | <b>1795-94-507</b> | 2CKA001710A3867 10 |
|   | château-black | <b>1795-95-507</b> | 2CKA001710A3935 10 |

### Accessories


| Product   | Article-No.   | Order-No.          | Pack/Qty           |
|---|---------------|--------------------|--------------------|
|  <p><b>Surface-mounting box 1gang box</b><br/>Box for inserts and cover plates with cover frame.</p> | white         | <b>1701-92-507</b> | 2CKA001799A0971 10 |
|   | alpine white  | <b>1701-94-507</b> | 2CKA001799A0974 10 |
|   | château-black | <b>1701-95-507</b> | 2CKA001799A0965 10 |


| Product   | Article-No.   | Order-No.          | Pack/Qty          |
|---|---------------|--------------------|-------------------|
|  <p><b>Surface-mounting box 2gang box</b><br/>Box for inserts and cover plates with cover frame.</p> | white         | <b>1702-92-507</b> | 2CKA001799A0972 1 |
|   | alpine white  | <b>1702-94-507</b> | 2CKA001799A0975 1 |
|   | château-black | <b>1702-95-507</b> | 2CKA001799A0966 1 |


| Product   | Article-No.   | Order-No.          | Pack/Qty          |
|---|---------------|--------------------|-------------------|
|  <p><b>Surface-mounting box 3gang box</b><br/>Box for inserts and cover plates with cover frame.</p> | white         | <b>1703-92-507</b> | 2CKA001799A0973 1 |
|   | alpine white  | <b>1703-94-507</b> | 2CKA001799A0976 1 |
|   | château-black | <b>1703-95-507</b> | 2CKA001799A0967 1 |


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## Cover frames


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover frame with decorative styling frame<br/>1gang frame</b><br>Dimensions: (L x W x D): 84 mm |                 |          |
| white   | <b>2511-92-507</b>   | 2CKA001725A1484 | 10/100   |
| alpine white  | <b>2511-94-507</b>   | 2CKA001725A1479 | 10/100   |
| château-black   | <b>2511-95-507</b>   | 2CKA001725A1506 | 10/100   |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover frame with decorative styling frame<br/>2gang frame</b><br>For vertical or horizontal installation.<br>Dimensions: (L x W x D): 155 mm |                 |        |
| white   | <b>2512-92-507</b>  | 2CKA001725A1485 | 10/100 |
| alpine white  | <b>2512-94-507</b>  | 2CKA001725A1480 | 10/100 |
| château-black   | <b>2512-95-507</b>  | 2CKA001725A1507 | 10/100 |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Cover frame with decorative styling frame<br/>3gang frame</b><br>For vertical or horizontal installation.<br>Dimensions: (L x W x D): 226 mm |                 |        |
| white   | <b>2513-92-507</b>  | 2CKA001725A1486 | 10/100 |
| alpine white  | <b>2513-94-507</b>  | 2CKA001725A1481 | 10/100 |
| château-black   | <b>2513-95-507</b>  | 2CKA001725A1508 | 10/100 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover frame with decorative styling frame<br/>4gang frame</b><br>For vertical or horizontal installation.<br>Dimensions: (L x W x D): 297 mm |                 |    |
| white   | <b>2514-92-507</b>  | 2CKA001725A1487 | 10 |
| alpine white  | <b>2514-94-507</b>  | 2CKA001725A1482 | 10 |
| château-black   | <b>2514-95-507</b>  | 2CKA001725A1509 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover frame with decorative styling frame<br/>5gang frame</b><br>For vertical or horizontal installation.<br>Dimensions: (L x W x D): 368 mm |                 |    |
| white   | <b>2515-92-507</b>  | 2CKA001725A1488 | 10 |
| alpine white  | <b>2515-94-507</b>  | 2CKA001725A1483 | 10 |
| château-black   | <b>2515-95-507</b>  | 2CKA001725A1510 | 10 |

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Decorative styling frame</b><br>For styling frames 2511-9x-507, 2512-9x-507, 2513-9x-507,<br>2514-9x-507, 2515-9x-507 |                 |        |
| white   | <b>2516-92-507</b>   | 2CKA001726A0220 | 10/100 |
| alpine white  | <b>2516-94-507</b>   | 2CKA001726A0218 | 10/100 |
| château-black   | <b>2516-95-507</b>   | 2CKA001726A0232 | 10/100 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Colour cover frame<br/>1gang</b><br>Dimensions: (L x W x D): 84 mm |                 |          |
| white   | <b>2511-922-507</b>   | 2CKA001725A1399 | 10/100   |
| alpine white  | <b>2511-944-507</b>   | 2CKA001725A1398 | 10/100   |
| black matt  | <b>2511-911-507</b>   | 2CHP111725A1479 | 10/100   |
| coral   | <b>2511-947-507</b>   | 2CHP471725A1479 | 10/100   |
| sun   | <b>2511-945-507</b>   | 2CHP451725A1479 | 10/100   |
| ocean   | <b>2511-948-507</b>   | 2CHP481725A1479 | 10/100   |
| oyster  | <b>2511-949-507</b>   | 2CHP491725A1479 | 10/100   |
| avocado   | <b>2511-946-507</b>   | 2CHP461725A1479 | 10/100   |
| purple  | <b>2511-943-507</b>   | 2CHP431725A1479 | 10/100   |


|  |   |                 |        |
|--|---|-----------------|--------|
|  | <b>Colour cover frame<br/>2gang</b><br>Dimensions: (L x W x D): 84 mm |                 |        |
| white  | <b>2512-922-507</b>   | 2CKA001725A1402 | 10/100 |
| alpine white   | <b>2512-944-507</b>   | 2CKA001725A1401 | 10/100 |
| black matt   | <b>2512-911-507</b>   | 2CHP111725A1480 | 10/100 |
| coral  | <b>2512-947-507</b>   | 2CHP471725A1480 | 10/100 |
| sun  | <b>2512-945-507</b>   | 2CHP451725A1480 | 10/100 |
| ocean  | <b>2512-948-507</b>   | 2CHP481725A1480 | 10/100 |
| oyster   | <b>2512-949-507</b>   | 2CHP491725A1480 | 10/100 |
| avocado  | <b>2512-946-507</b>   | 2CHP461725A1480 | 10/100 |
| purple   | <b>2512-943-507</b>   | 2CHP431725A1480 | 10/100 |

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Colour cover frame<br/>3gang</b><br>Dimensions: (L x W x D): 84 mm |                 |        |
| white   | <b>2513-922-507</b>   | 2CKA001725A1407 | 10/100 |
| alpine white  | <b>2513-944-507</b>   | 2CKA001725A1404 | 10/100 |
| black matt  | <b>2513-911-507</b>   | 2CHP111725A1481 | 10/100 |
| coral   | <b>2513-947-507</b>   | 2CHP471725A1481 | 10/100 |
| sun   | <b>2513-945-507</b>   | 2CHP451725A1481 | 10/100 |
| ocean   | <b>2513-948-507</b>   | 2CHP481725A1481 | 10/100 |
| oyster  | <b>2513-949-507</b>   | 2CHP491725A1481 | 10/100 |
| avocado   | <b>2513-946-507</b>   | 2CHP461725A1481 | 10/100 |
| purple  | <b>2513-943-507</b>   | 2CHP431725A1481 | 10/100 |

## basic55®

### Cover frames

| Product   | Article-No.   | Order-No.           | Pack/Qty        |        |
|---|---|---------------------|-----------------|--------|
|  | <b>Colour cover frame</b><br><b>4gang</b><br>Dimensions: (L x W x D): 84 mm |                     |                 |        |
|   | white   | <b>2514-922-507</b> | 2CKA001725A1402 | 10/100 |
|   | alpine white  | <b>2514-944-507</b> | 2CKA001725A1401 | 10/100 |
|   | black matt  | <b>2514-911-507</b> | 2CHP111725A1482 | 10/100 |
|   | coral   | <b>2514-947-507</b> | 2CHP471725A1482 | 10/100 |
|   | sun   | <b>2514-945-507</b> | 2CHP451725A1482 | 10/100 |
|   | ocean   | <b>2514-948-507</b> | 2CHP481725A1482 | 10/100 |
|   | oyster  | <b>2514-949-507</b> | 2CHP491725A1482 | 10/100 |
|   | avocado   | <b>2514-946-507</b> | 2CHP461725A1482 | 10/100 |
|   | purple  | <b>2514-943-507</b> | 2CHP431725A1482 | 10/100 |

|  |   |                     |                 |        |
|--|---|---------------------|-----------------|--------|
|  | <b>Colour cover frame</b><br><b>5gang</b><br>Dimensions: (L x W x D): 84 mm |                     |                 |        |
|  | white   | <b>2515-922-507</b> | 2CKA001725A1406 | 10/100 |
|  | alpine white  | <b>2515-944-507</b> | 2CKA001725A1408 | 10/100 |
|  | black matt  | <b>2515-911-507</b> | 2CHP111725A1483 | 10/100 |
|  | coral   | <b>2515-947-507</b> | 2CHP471725A1483 | 10/100 |
|  | sun   | <b>2515-945-507</b> | 2CHP451725A1483 | 10/100 |
|  | ocean   | <b>2515-948-507</b> | 2CHP481725A1483 | 10/100 |
|  | oyster  | <b>2515-949-507</b> | 2CHP491725A1483 | 10/100 |
|  | avocado   | <b>2515-946-507</b> | 2CHP461725A1483 | 10/100 |
|  | purple  | <b>2515-943-507</b> | 2CHP431725A1483 | 10/100 |

# Sky Niessen & Skymoon

## Touch your imagination.

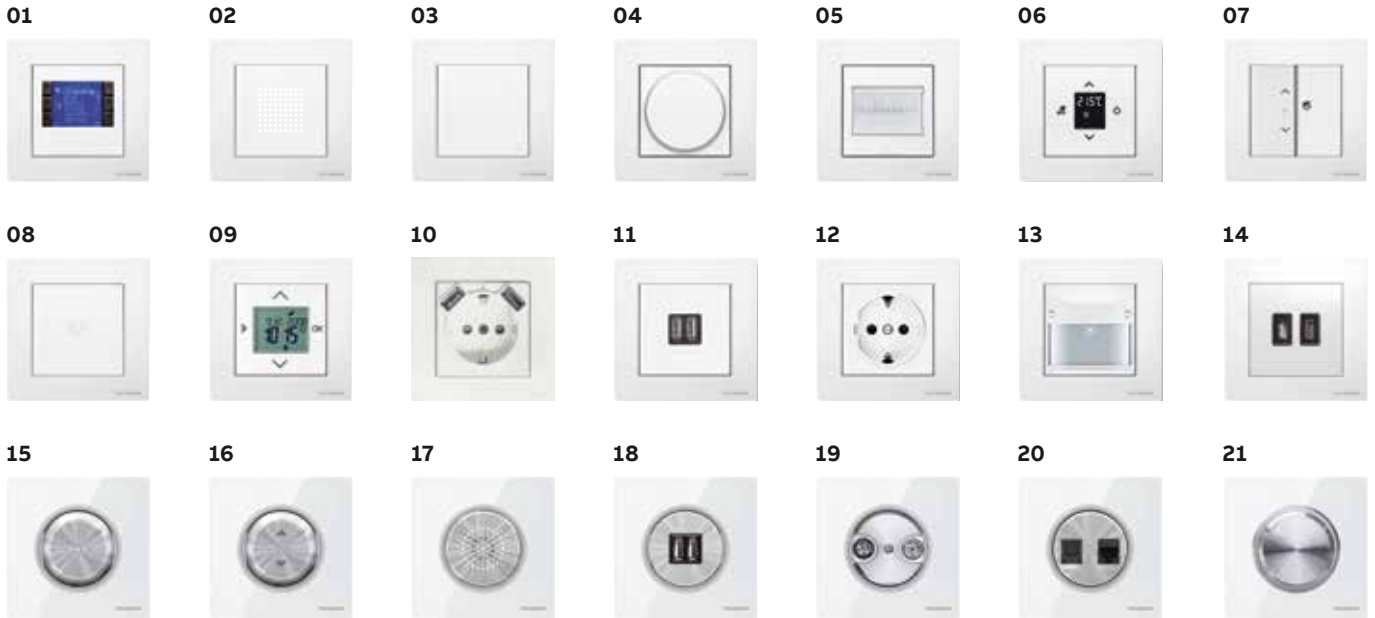
A light switch range offering a minimalistic design. Very slim and balanced. Distinct materials like glass, stainless steel, ash wood or more modest options; all guaranteeing quality. An object of desire, a jewel to decorate the most exclusive of environments. Feel special every day, feel the sky in your hands with Niessen switches.



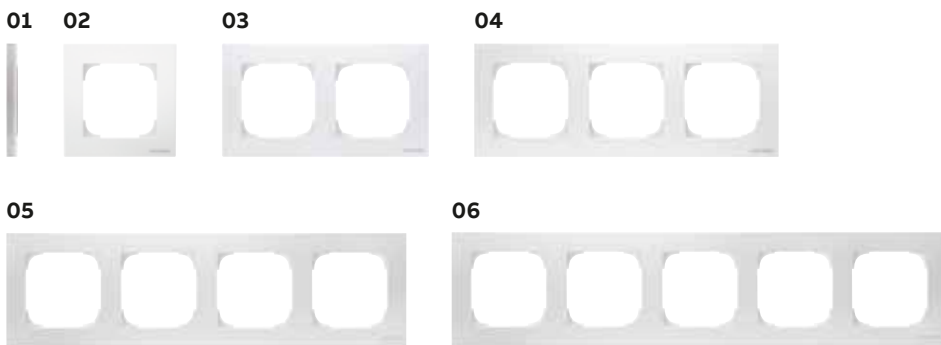
- |               |                    |  |  |
|---------------|--------------------|--|--|
| 01 soft white | 06 soft black      | 10 antic gold                          | 13 stainless steel frame - chrome switch |
| 02 silver     | 07 white glass     | 11 ash frame - white switch            | 14 black glass frame - chrome switch     |
| 03 dune       | 08 black glass     | 12 natural wenge frame - silver switch | 15 white glass frame - chrome switch     |
| 04 taupé      | 09 stainless steel |  |  |
| 05 comodoro   |                    |  |  |

## Sky Niessen & Skymoon

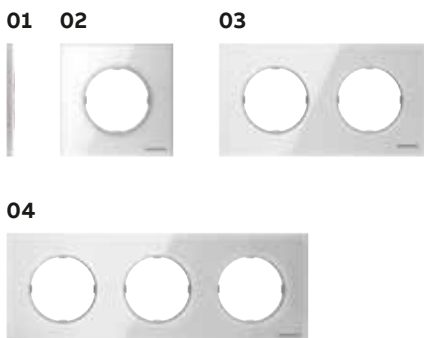
Selected functions.



- |                                     |                                    |   |
|-------------------------------------|------------------------------------|---|
| 01 Stand-alone FM radio and alarm   | 08 Card switch                     | 15 1-gang, 1-way single pole switch with lamp |
| 02 Loudspeaker 2"                   | 09 Digital timer control           | 16 Electronic blind control                   |
| 03 Universal push dimmer            | 10 Schuko SO + USB type A chargers | 17 Multiple melody doorbell                   |
| 04 LED rotary dimmer                | 11 USB charger outlet              | 18 USB charger outlet                         |
| 05 ABB-free@home® movement detector | 12 SCHUKO® socket outlet with lamp | 19 TV-FM & satellite outlet                   |
| 06 ABB-free@home® room thermostat   | 13 Movement detector               | 20 Telephone and/or data outlet               |
| 07 ABB-free@home® sensors           | 14 VDI connectors (HDMI+USB)       | 21 LED rotary dimmer                          |



- Sky Niessen & Skymoon  
 1- to 5-gang cover frame  
 01 Side view, 8,5 x 86 mm  
 02 86 x 86 mm  
 03 86 x 157 mm  
 04 86 x 228 mm  
 05 84 mm x 299 mm  
 06 84 mm x 370 mm



- Skymoon  
 1- to 3-gang cover frame  
 01 Side view, 6,4 x 86 mm  
 02 86 x 86 mm  
 03 86 x 157 mm  
 04 86 x 228 mm



For more information about light switch ranges visit ABB global web sites.

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# Sky Niessen & Skymoon

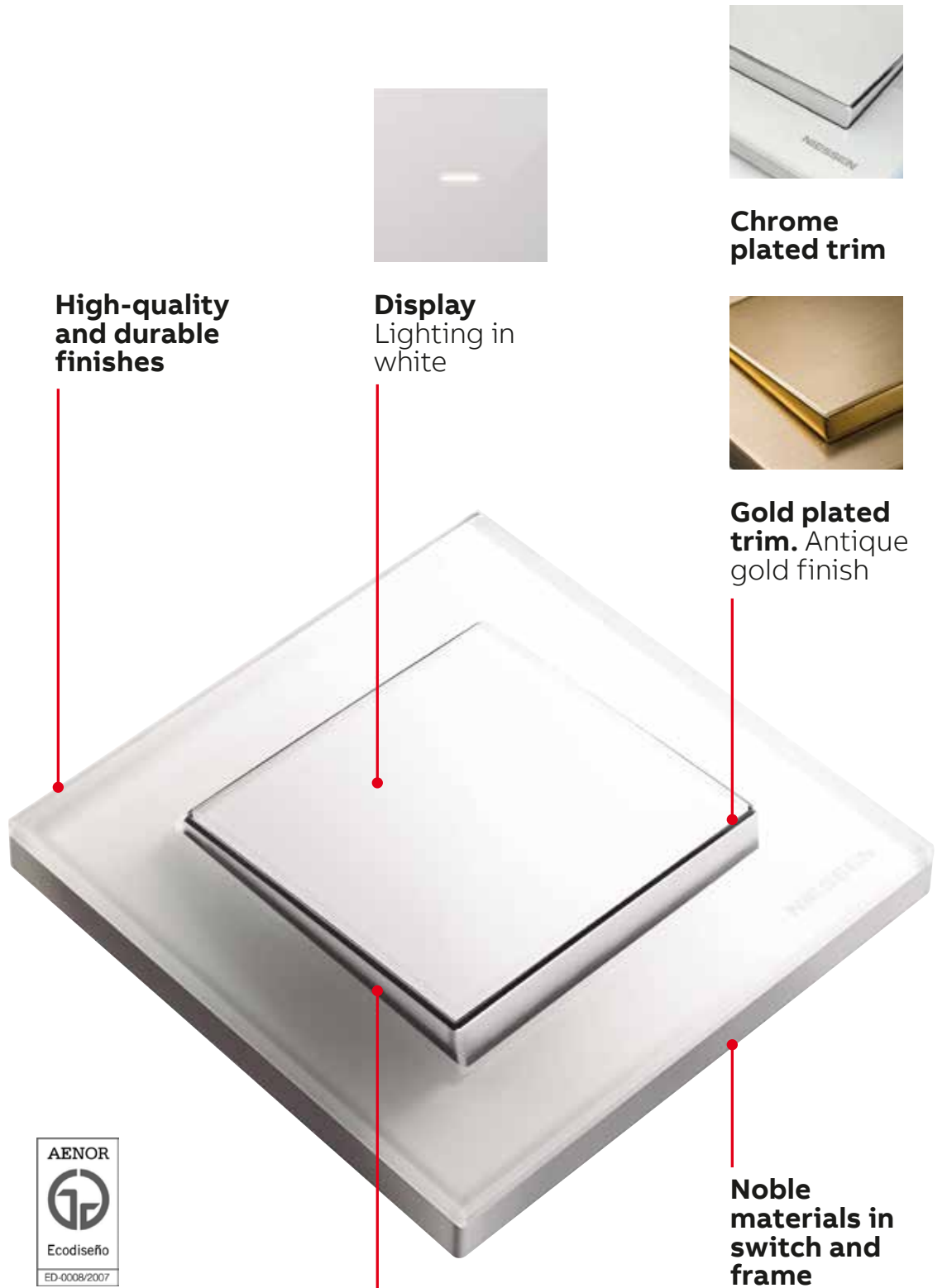
## **Slim, balanced, perfect.**

At just 8.5 mm thick, Sky Niessen & Skymoon barely protrudes from the wall. Thanks to the use of subtle components, with Sky Niessen & Skymoon you will achieve a visual perception of perfection in the decoration of any room.





# Maximum slimness 8.5 mm



**High-quality and durable finishes**

**Display Lighting in white**

**Chrome plated trim**

**Gold plated trim. Antique gold finish**

**Noble materials in switch and frame**

**Minimum gap between switch and frame**



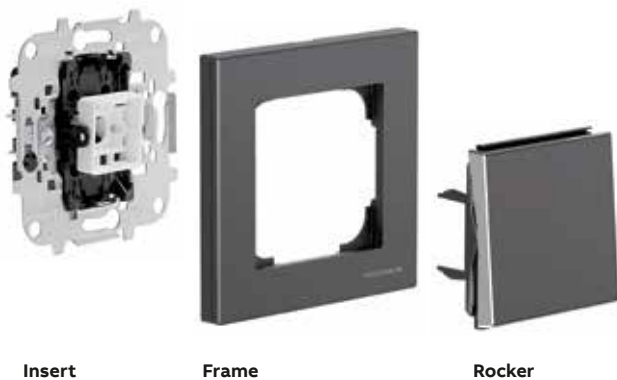
**Eco-design**  
 The Sky Niessen & Skymoon switch range has been designed following the Product Design and Development Environmental Management regulations: Eco-design.



# Sky Niessen & Skymoon series

With Sky Niessen & Skymoon you can offer a higher level of design in your reform projects. Quick and easy, as it perfectly adapts to other installations done with Niessen. The use of Niessen's luxury insert facilitates the installation and renovation of each room.

## Switch composition

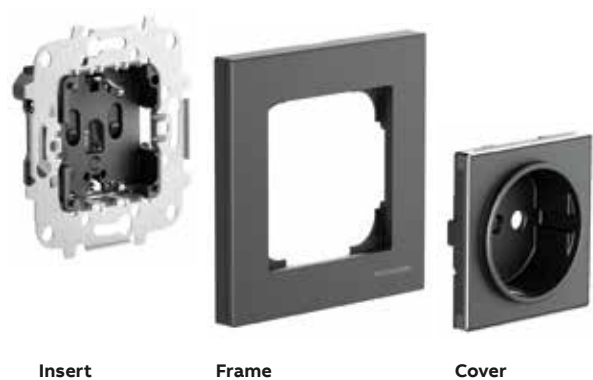


Insert

Frame

Rocker

## Socket composition



Insert

Frame

Cover

### Characteristics

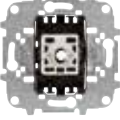
- 250 V~
- 10 AX / 16 AX
- IP21
- CE Compliance Declaration pursuant to:
  - Low Voltage Directive 2006/95/CE
  - European Directive RoHS 2011/65/EU
  - IEC 60669-1
  - UNE-EN 60669-1
  - UNE 20324-REBT-BT27 - IP21
- AENOR certified product pursuant to:
  - UNE-EN 60669-1
  - UNE-EN 60669-1/A1
  - UNE-EN 60669-1/A2

### Characteristics


- 250 V~
- 16 A
- IP21
- Compliant with standards:
  - European Directive RoHS 2011/65/EU
  - IEC 60884-1
  - UNE-EN 20315
  - UNE 20324-REBT-BT27 - IP21
- AENOR certified product pursuant to:
  - UNE 20315-1-1


## Sky Niessen & Skymoon

### 1-way switches

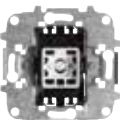
| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>8101 without fixing claws - 8101.8 with claws<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501, 8501.2, 8501.3 & 8501.4. |                 |          |
|   | <b>8101</b>  | 2CLA810100A1001 | 10       |
|   | <b>8101.8</b>  | 2CLA810180A1001 | 10       |

### 2-way switches



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 2-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>8102 without fixing claws - 8102.8 with fixing claws<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501, 8501.2, 8501.3 & 8501.4. |                 |          |
|   | <b>8102</b>   | 2CLA810200A1001 | 10       |
|   | <b>8102.8</b>   | 2CLA810280A1001 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 2-way, single pole 16A</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501, 8501.2, 8501.3 & 8501.4. |                 |    |
|   | <b>8102.1</b>  | 2CLA810210A1001 | 10 |

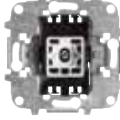
### Intermediate switches

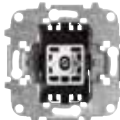
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, intermediate, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501, 8501.2, 8501.3 & 8501.4. |                 |          |
|   | <b>8110</b>   | 2CLA811000A1001 | 10       |

### Double pole switches

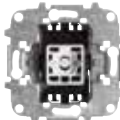
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, double pole 16A</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator/indicator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501, 8501.2, 8501.3 & 8501.4. |                 |          |
|   | <b>8101.1</b>   | 2CLA810110A1001 | 10       |
|  | <b>Switch 1-gang, 1-way, double pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator/indicator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501, 8501.2, 8501.3 & 8501.4.     |                 |          |
|   | <b>8101.2</b>   | 2CLA810120A1001 | 10       |

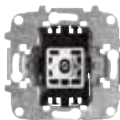
### Switches with indicator lamp

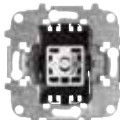
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>Included: fixing claws.<br>3 wire connection (neutral conductor required).<br>Included: indicator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501.3 & 8501.4. |                 |          |
|   | <b>8101.5</b>   | 2CLA810150A1001 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 2-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>Included: fixing claws.<br>4 wire connection (neutral conductor required).<br>Indicator: indicator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501.3 & 8501.4. |                 |    |
|   | <b>8102.5</b>  | 2CLA810250A1001 | 10 |

### Push-buttons


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Push-button 1-gang, single pole, NO</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>NO: Normally Open.<br>Screwless terminals.<br>8104 without fixing claws - 8104.8 with fixing claws<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501, 8501.3, 8504, 8504.2, 8504.3 & 8504.4. |                 |          |
|   | <b>8104</b>  | 2CLA810400A1001 | 10       |
|   | <b>8104.8</b>  | 2CLA810480A1001 | 10       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Push-button 1-gang, SP, NO w/ locator lamp</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>NO: Normally Open.<br>Screwless terminals.<br>Included: fixing claws.<br>3 wire connection (neutral conductor required).<br>Included: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501.3, 8504.3 & 8504.4. |                 |    |
|   | <b>8104.5</b>   | 2CLA810450A1001 | 10 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Push-button 1-gang, single pole, NC</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10AX.<br>NC: normally closed.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8501, 8501.3, 8504, 8504.2, 8504.3 & 8504.4. |                 |   |
|   | <b>8104.9</b>  | 2CLA810490A1001 | 5 |

## Sky Niessen & Skymoon


### Rockers for switches and push-buttons


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker for switch, 1-gang</b><br>Rocker for switches code:<br>8101, 8101.1, 8101.2, 8102, 8102.1 & 8110. |                 |          |
| Soft White  | <b>8501 BL</b>  | 2CLA850100A1101 | 20       |
| White w/o chrome  | <b>8501 BB</b>  | 2CLA850100A4101 | 20       |
| Silver  | <b>8501 PL</b>  | 2CLA850100A1301 | 20       |
| Soft Black  | <b>8501 NS</b>  | 2CLA850100A1501 | 20       |
| Dune  | <b>8501 DN</b>  | 2CLA850100A6201 | 20       |
| Taupé   | <b>8501 TP</b>  | 2CLA850100A6301 | 20       |
| Comodoro  | <b>8501 CM</b>  | 2CLA850100A1901 | 20       |
| Antique Gold  | <b>8501 OE</b>  | 2CLA850100A1201 | 20       |
| Stainless Steel   | <b>8501 AI</b>  | 2CLA850100A1401 | 20       |
| White Glass   | <b>8501 CB</b>  | 2CLA850100A2101 | 10       |
| Black Glass   | <b>8501 CN</b>  | 2CLA850100A2501 | 10       |


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker with On/Off symbol, 1-gang</b><br>Rocker for switches code:<br>8101, 8101.1, 8101.2, 8102, 8102.1 & 8110. |                 |          |
| Soft White  | <b>8501.2 BL</b>  | 2CLA850120A1101 | 5        |
| White w/o chrome  | <b>8501.2 BB</b>  | 2CLA850120A4101 | 5        |
| Silver  | <b>8501.2 PL</b>  | 2CLA850120A1301 | 5        |
| Soft Black  | <b>8501.2 NS</b>  | 2CLA850120A1501 | 5        |
| Dune  | <b>8501.2 DN</b>  | 2CLA850120A6201 | 5        |
| Taupé   | <b>8501.2 TP</b>  | 2CLA850120A6301 | 5        |
| Comodoro  | <b>8501.2 CM</b>  | 2CLA850120A1901 | 5        |
| Stainless Steel   | <b>8501.2 AI</b>  | 2CLA850120A1401 | 5        |
| Antique Gold  | <b>8501.2 OE</b>  | 2CLA850120A1201 | 5        |

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker for switch with lens, 1-gang</b><br>Rocker for switches code:<br>8101, 8101.1, 8101.2, 8101.5, 8102, 8102.1, 8102.5 & 8110. |                 |          |
| Soft White  | <b>8501.3 BL</b>  | 2CLA850130A1101 | 10       |
| White w/o chrome  | <b>8501.3 BB</b>  | 2CLA850130A4101 | 10       |
| Silver  | <b>8501.3 PL</b>  | 2CLA850130A1301 | 10       |
| Soft Black  | <b>8501.3 NS</b>  | 2CLA850130A1501 | 10       |
| Dune  | <b>8501.3 DN</b>  | 2CLA850130A6201 | 10       |
| Taupé   | <b>8501.3 TP</b>  | 2CLA850130A6301 | 10       |
| Comodoro  | <b>8501.3 CM</b>  | 2CLA850130A1901 | 10       |
| Stainless Steel   | <b>8501.3 AI</b>  | 2CLA850130A1401 | 10       |
| Antique Gold  | <b>8501.3 OE</b>  | 2CLA850130A1201 | 10       |
| White Glass   | <b>8501.3 CB</b>  | 2CLA850130A2101 | 5        |
| Black Glass   | <b>8501.3 CN</b>  | 2CLA850130A2501 | 5        |

### Rockers with symbols


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker with lens &amp; On/Off symbol, 1-gang</b><br>Rocker for switches code: 8101, 8101.1, 8101.2, 8101.5, 8102, 8102.1, 8102.5 & 8110. |                 |          |
| Soft White  | <b>8501.4 BL</b>  | 2CLA850140A1101 | 5        |
| White w/o chrome  | <b>8501.4 BB</b>  | 2CLA850140A4101 | 5        |
| Silver  | <b>8501.4 PL</b>  | 2CLA850140A1301 | 5        |
| Soft Black  | <b>8501.4 NS</b>  | 2CLA850140A1501 | 5        |
| Dune  | <b>8501.4 DN</b>  | 2CLA850140A6201 | 5        |
| Taupé   | <b>8501.4 TP</b>  | 2CLA850140A6301 | 5        |
| Comodoro  | <b>8501.4 CM</b>  | 2CLA850140A1901 | 5        |
| Stainless Steel   | <b>8501.4 AI</b>  | 2CLA850140A1401 | 5        |
| Antique Gold  | <b>8501.4 OE</b>  | 2CLA850140A1201 | 5        |


| Color  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>Rocker with bell symbol, 1-gang</b><br>Rocker for push-buttons code: 8104 & 8104.9. |                 |          |
| Soft White   | <b>8504 BL</b>   | 2CLA850400A1101 | 10       |
| White w/o chrome   | <b>8504 BB</b>   | 2CLA850400A4101 | 10       |
| Silver   | <b>8504 PL</b>   | 2CLA850400A1301 | 10       |
| Soft Black   | <b>8504 NS</b>   | 2CLA850400A1501 | 10       |
| Stainless Steel  | <b>8504 AI</b>   | 2CLA850400A1401 | 10       |
| Dune   | <b>8504 DN</b>   | 2CLA850400A6201 | 10       |
| Taupé  | <b>8504 TP</b>   | 2CLA850400A6301 | 10       |
| Comodoro   | <b>8504 CM</b>   | 2CLA850400A1901 | 10       |
| Antique Gold   | <b>8504 OE</b>   | 2CLA850400A1201 | 10       |

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker with light symbol, 1-gang</b><br>Rocker for push-buttons code: 8104 & 8104.9. |                 |          |
| Soft White  | <b>8504.2 BL</b>  | 2CLA850420A1101 | 10       |
| White w/o chrome  | <b>8504.2 BB</b>  | 2CLA850420A4101 | 10       |
| Silver  | <b>8504.2 PL</b>  | 2CLA850420A1301 | 10       |
| Soft Black  | <b>8504.2 NS</b>  | 2CLA850420A1501 | 10       |
| Dune  | <b>8504.2 DN</b>  | 2CLA850420A6201 | 10       |
| Taupé   | <b>8504.2 TP</b>  | 2CLA850420A6301 | 10       |
| Comodoro  | <b>8504.2 CM</b>  | 2CLA850420A1901 | 10       |
| Stainless Steel   | <b>8504.2 AI</b>  | 2CLA850420A1401 | 10       |
| Antique Gold  | <b>8504.2 OE</b>  | 2CLA850420A1201 | 10       |


## Sky Niessen & Skymoon

### Rockers with symbols

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker with bell symbol &amp; lens, 1-gang</b><br>Rocker for push-buttons code: 8104, 8104.5 & 8104.9. |                 |          |
| Soft White  | <b>8504.3 BL</b>  | 2CLA850430A1101 | 5        |
| White w/o chrome  | <b>8504.3 BB</b>  | 2CLA850430A4101 | 5        |
| Silver  | <b>8504.3 PL</b>  | 2CLA850430A1301 | 5        |
| Soft Black  | <b>8504.3 NS</b>  | 2CLA850430A1501 | 5        |
| Dune  | <b>8504.3 DN</b>  | 2CLA850430A6201 | 5        |
| Taupé   | <b>8504.3 TP</b>  | 2CLA850430A6301 | 5        |
| Comodoro  | <b>8504.3 CM</b>  | 2CLA850430A1901 | 5        |
| Stainless Steel   | <b>8504.3 AI</b>  | 2CLA850430A1401 | 5        |
| Antique Gold  | <b>8504.3 OE</b>  | 2CLA850430A1201 | 5        |




|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Rocker with light symbol &amp; lens, 1-gang</b><br>Rocker for push-buttons code: 8104, 8104.5 & 8104.9. |                 |   |
| Soft White   | <b>8504.4 BL</b>   | 2CLA850440A1101 | 5 |
| White w/o chrome   | <b>8504.4 BB</b>   | 2CLA850440A4101 | 5 |
| Silver   | <b>8504.4 PL</b>   | 2CLA850440A1301 | 5 |
| Soft Black   | <b>8504.4 NS</b>   | 2CLA850440A1501 | 5 |
| Dune   | <b>8504.4 DN</b>   | 2CLA850440A6201 | 5 |
| Taupé  | <b>8504.4 TP</b>   | 2CLA850440A6301 | 5 |
| Comodoro   | <b>8504.4 CM</b>   | 2CLA850440A1901 | 5 |
| Stainless Steel  | <b>8504.4 AI</b>   | 2CLA850440A1401 | 5 |
| Antique Gold   | <b>8504.4 OE</b>   | 2CLA850440A1201 | 5 |




### Indicator / locator LED lamp

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Indicator/locator LED lamp 230Vac</b><br>For 81XX inserts.<br>Lamp: white LED.<br>Long life cycle.<br>Two functions: indicator or locator light.<br>Power consumption: 0,2 mA.<br>Especially recommended for LED and energy saving lamps. |                 |          |
|   | <b>6192 BL</b>   | 2CLA819202A1001 | 10       |

## Sky Niessen & Skymoon






### 2-gang switches & push-buttons

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>Switch 2-gangs, 1-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>Included: fixing claws.<br>Rocker code: 8511. |                 |          |
|  | <b>8111</b>   | 2CLA811100A1001 | 10       |
|   | <b>Switch 2-gangs, 2-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>Included: fixing claws.<br>Rocker code: 8511. |                 |          |
|  | <b>8122</b>   | 2CLA812200A1001 | 10       |
|  | <b>Push-button 2-gangs, single pole, NO</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Without interlock.<br>Included: fixing claws.<br>Rocker code: 8511.  |                 |          |
|  | <b>8144.2</b>   | 2CLA814420A1001 | 10       |

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>Switch 2-way + push button 1-way RIGHT NO, SP</b><br>Rated voltage: 110 - 250 Vac.<br>200 W SBL: LEDi, CFLi<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Rocker code: 8511 & 8542. |                 |          |
|  | <b>8142</b>   | 2CLA814200A1001 | 10       |
|   | <b>Push button 1-way LEFT NO + switch 2-way, SP</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>200 W SBL: LEDi, CFLi<br>Screwless terminals.<br>Included: fixing claws.<br>Rocker code: 8511 & 8542.  |                 |          |
|  | <b>8142.1</b>   | 2CLA814210A1001 | 10       |
|  | <b>Rocker for switch/push-button, 2-gangs</b><br>Rocker for switch/push-buttons code:<br>8111, 8122, 8144.2 & 8142.   |                 |          |
| Soft White   | <b>8511 BL</b>  | 2CLA851100A1101 | 20       |
| White w/o chrome   | <b>8511 BB</b>  | 2CLA851100A4101 | 20       |
| Silver   | <b>8511 PL</b>  | 2CLA851100A1301 | 20       |
| Soft Black   | <b>8511 NS</b>  | 2CLA851100A1501 | 20       |
| Dune   | <b>8511 DN</b>  | 2CLA851100A6201 | 20       |
| Taupé  | <b>8511 TP</b>  | 2CLA851100A6301 | 20       |
| Comodoro   | <b>8511 CM</b>  | 2CLA851100A1901 | 20       |
| Stainless Steel  | <b>8511 AI</b>  | 2CLA851100A1401 | 20       |
| Antique Gold   | <b>8511 OE</b>  | 2CLA851100A1201 | 20       |
| White Glass  | <b>8511 CB</b>  | 2CLA851100A2101 | 10       |
| Black Glass  | <b>8511 CN</b>  | 2CLA851100A2501 | 10       |


## Sky Niessen & Skymoon


### Card switches

| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <p><b>Card switch 1-gang, 1-way, double pole</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 10 AX.<br/>           For 54mm width cards.<br/>           Included: fixing claws.<br/>           Included: locator LED lamp 6192 BL (230 Vac).<br/>           Cover plate code: 8514.</p>   | <b>8114</b>    | 2CLA811400A1001 | 10       |
|  <p><b>Card switch 1-gang, 1-way, double pole 16A</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 16 AX.<br/>           For 54mm width cards.<br/>           Included: fixing claws.<br/>           Included: locator LED lamp 6192 BL (230 Vac).<br/>           Cover plate code: 8514.</p>   | <b>8114.1</b>  | 2CLA811410A1001 | 10       |
|  <p><b>Card switch 1-gang, 2-way, double pole</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 10 AX.<br/>           For 54mm width cards.<br/>           Included: fixing claws.<br/>           Included: locator LED lamp 6192 BL (230 Vac).<br/>           Cover plate code: 8514.</p>  | <b>8114.2</b>  | 2CLA811420A1001 | 10       |
|  <p><b>Card switch 1-gang, 1-way, SP w/ time delay</b><br/>           Rated voltage: 110 - 250 Vac ; 50 / 60 Hz.<br/>           Rated current:<br/>           - Incandescent/halogen: 3.000W@230Vac / 1.600W@127Vac.<br/>           - Fluorescent: 1.300VA@230Vac / 700VA@127Vac.<br/>           - Electronic and ferromag. transf. and motors: 3.000VA@230Vac / 1.600VA@127Vac.<br/>           3 wire connection (neutral conductor required).<br/>           For 54 mm. width cards.<br/>           Locator LED lamp included.<br/>           Time delayed switch: 5 - 90 seconds.<br/>           Cover plate code: 8514.</p> | <b>8114.5</b>  | 2CLA811450A1001 | 1        |
|  <p><b>Cover plate for card switch with lens</b><br/>           Cover plate for card switch code:<br/>           8114, 8114.1, 8114.2 &amp; 8114.5.</p>   |                |                 |          |
| Soft White   | <b>8514 BL</b> | 2CLA851400A1101 | 10       |
| White w/o chrome   | <b>8514 BB</b> | 2CLA851400A4101 | 10       |
| Silver   | <b>8514 PL</b> | 2CLA851400A1301 | 10       |
| Soft Black   | <b>8514 NS</b> | 2CLA851400A1501 | 10       |
| Dune   | <b>8514 DN</b> | 2CLA851400A6201 | 10       |
| Taupé  | <b>8514 TP</b> | 2CLA851400A6301 | 10       |
| Comodoro   | <b>8514 CM</b> | 2CLA851400A1901 | 10       |
| Stainless Steel  | <b>8514 AI</b> | 2CLA851400A1401 | 10       |
| Antique Gold   | <b>8514 OE</b> | 2CLA851400A1201 | 10       |

## Sky Niessen & Skymoon

### Key switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Key switch 1-way, 2 positions, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 5 A.<br>Key removable in the 2 positions.<br>Unique key for each lock.<br>Suitable for alarms.<br>Cover plate code: 8553. |                 |          |
|   | <b>8153</b>  | 2CLA815300A1001 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Key push button 1-way, 2 positions, SP</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 5 A.<br>Key removable in "OFF" position.<br>Unique key for each lock.<br>Suitable for alarms.<br>Cover plate code: 8553. |                 |   |
|   | <b>8153.2</b>   | 2CLA815320A1001 | 1 |



**Cover plate for 2 position key switch**  
Cover plate for key switch code: 8153 & 8153.2.

|                  |                |                 |   |
|------------------|----------------|-----------------|---|
| Soft White       | <b>8553 BL</b> | 2CLA855300A1101 | 1 |
| White w/o chrome | <b>8553 BB</b> | 2CLA855300A4101 | 1 |
| Silver           | <b>8553 PL</b> | 2CLA855300A1301 | 1 |
| Soft Black       | <b>8553 NS</b> | 2CLA855300A1501 | 1 |
| Dune             | <b>8553 DN</b> | 2CLA855300A6201 | 1 |
| Taupé            | <b>8553 TP</b> | 2CLA855300A6301 | 1 |
| Comodoro         | <b>8553 CM</b> | 2CLA855300A1901 | 1 |
| Stainless Steel  | <b>8553 AI</b> | 2CLA855300A1401 | 1 |
| Antique Gold     | <b>8553 OE</b> | 2CLA855300A1201 | 1 |



**Key switch 2-way, 3 positions, single pole**  
Rated voltage: 110 - 250 Vac.  
Rated current: 150 mA.  
Key removable in "OFF" position.  
Unique key for each lock.  
Suitable for blinds, shutters, etc.  
Cover plate code: 8553.1.


**8153.1** 2CLA815310A1001 1

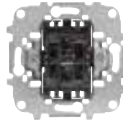


**Cover plate for 3 position key switch**  
Cover plate for key switch code: 8153.1.

|                  |                  |                 |   |
|------------------|------------------|-----------------|---|
| Soft White       | <b>8553.1 BL</b> | 2CLA855310A1101 | 1 |
| White w/o chrome | <b>8553.1 BB</b> | 2CLA855310A4101 | 1 |
| Silver           | <b>8553.1 PL</b> | 2CLA855310A1301 | 1 |
| Soft Black       | <b>8553.1 NS</b> | 2CLA855310A1501 | 1 |
| Dune             | <b>8553.1 DN</b> | 2CLA855310A6201 | 1 |
| Taupé            | <b>8553.1 TP</b> | 2CLA855310A6301 | 1 |
| Comodoro         | <b>8553.1 CM</b> | 2CLA855310A1901 | 1 |
| Stainless Steel  | <b>8553.1 AI</b> | 2CLA855310A1401 | 1 |
| Antique Gold     | <b>8553.1 OE</b> | 2CLA855310A1201 | 1 |

### Blind controls

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Push-button blind control 2-gangs</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Direct control.<br>Interlocked gangs.<br>Included: fixing claws.<br>Rocker code: 8544. |                 |          |
|   | <b>8144</b>  | 2CLA814400A1001 | 10       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch blind control 2-gangs</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Direct control.<br>Interlocked gangs.<br>Included: fixing claws.<br>Rocker code: 8544. |                 |    |
|   | <b>8144.1</b>   | 2CLA814410A1001 | 10 |



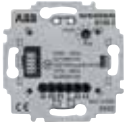

**Rocker for blind switch/push-button**  
Rocker for blind switch/push-button code:  
8144 & 8144.1.

|                  |                |                 |    |
|------------------|----------------|-----------------|----|
| Soft White       | <b>8544 BL</b> | 2CLA854400A1101 | 10 |
| White w/o chrome | <b>8544 BB</b> | 2CLA854400A4101 | 10 |
| Silver           | <b>8544 PL</b> | 2CLA854400A1301 | 10 |
| Soft Black       | <b>8544 NS</b> | 2CLA854400A1501 | 10 |
| Dune             | <b>8544 DN</b> | 2CLA854400A6201 | 10 |
| Taupé            | <b>8544 TP</b> | 2CLA854400A6301 | 10 |
| Comodoro         | <b>8544 CM</b> | 2CLA854400A1901 | 10 |
| Stainless Steel  | <b>8544 AI</b> | 2CLA854400A1401 | 10 |
| Antique Gold     | <b>8544 OE</b> | 2CLA854400A1201 | 10 |
| White Glass      | <b>8544 CB</b> | 2CLA854400A2101 | 5  |
| Black Glass      | <b>8544 CN</b> | 2CLA854400A2501 | 5  |





## Sky Niessen & Skymoon

### Blind controls

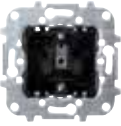
| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Electronic blind control 1-gang</b><br>Rated voltage: 110 - 250 Vac ; 50 / 60 Hz.<br>Rated current: 700VA@230Vac / 350VA@127Vac.<br>Direct control.<br>Functions:<br>- PERS: standard blinds control. Optionally other 8144 inserts can be connected to the 8130.3 to control the blind from other locations.<br>- LAM: venetian type blinds control. Optionally other 8144 inserts can be connected to the 8130.3 to control the blind from other locations.<br>- Centralization (CEN): one 8130.3 can control all the 8130.3 of a line centrally.<br>Included: fixing claws.<br>Electronic rocker code: 8530. |                 |          |
|   | <b>8130.3</b>  | 2CLA813030A1001 | 1        |
|  | <b>Electronic rocker for blind control</b><br>Electronic rocker for blind control code: 8130.3.  |                 |          |
| Soft White  | <b>8530 BL</b>   | 2CLA853000A1101 | 1        |
| White w/o chrome  | <b>8530 BB</b>   | 2CLA853000A4101 | 1        |
| Silver  | <b>8530 PL</b>   | 2CLA853000A1301 | 1        |
| Soft Black  | <b>8530 NS</b>   | 2CLA853000A1501 | 1        |
| Dune  | <b>8530 DN</b>   | 2CLA853000A6201 | 5        |
| Taupé   | <b>8530 TP</b>   | 2CLA853000A6301 | 5        |
| Comodoro  | <b>8530 CM</b>   | 2CLA853000A1901 | 5        |
| Stainless Steel   | <b>8530 AI</b>   | 2CLA853000A1401 | 1        |
| Antique Gold  | <b>8530 OE</b>   | 2CLA853000A1201 | 1        |


### Pullcord switches


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Pullcord switch 1-gang, 1-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 A.<br>Screwless terminals.<br>Included: fixing claws.<br>Cord length: 2 meters.<br>Cover plate code: 8507. |                 |          |
|   | <b>8148</b>  | 2CLA814800A1001 | 5        |
|  | <b>Cover for pull cord switch</b><br>Cover plate for pullcord switch code: 8148.   |                 |          |
| Soft White  | <b>8507 BL</b>   | 2CLA850700A1101 | 10       |
| White w/o chrome  | <b>8507 BB</b>   | 2CLA850700A4101 | 10       |
| Silver  | <b>8507 PL</b>   | 2CLA850700A1301 | 10       |
| Soft Black  | <b>8507 NS</b>   | 2CLA850700A1501 | 10       |
| Dune  | <b>8507 DN</b>   | 2CLA850700A6201 | 5        |
| Taupé   | <b>8507 TP</b>   | 2CLA850700A6301 | 5        |
| Comodoro  | <b>8507 CM</b>   | 2CLA850700A1901 | 5        |
| Stainless Steel   | <b>8507 AI</b>   | 2CLA850700A1401 | 10       |
| Antique Gold  | <b>8507 OE</b>   | 2CLA850700A1201 | 10       |


## Sky Niessen & Skymoon


### Schuko socket outlets

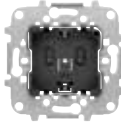
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Schuko socket outlet</b><br/>Rated voltage: 250 Vac.<br/>Rated current: 16 A.<br/>Type F: 2P + E.<br/>Shuttered for child safety.<br/>Screw terminals.<br/>Without fixing claws code: 8188.<br/>With fixing claws code: 8188.5.<br/>Cover plate code: 8588.</p> | <b>8188</b>   | 2CLA818800A1001 | 10       |
|   | <b>8188.5</b> | 2CLA818850A1001 | 10       |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Schuko socket outlet screwless connection</b><br/>Rated voltage: 250 Vac.<br/>Rated current: 16 A.<br/>Type F: 2P + E.<br/>Shuttered for child safety.<br/>Screwless terminals.<br/>Without fixing claws.<br/>Cover plate code: 8588.</p> | <b>8188.6</b> | 2CLA818860A1001 | 10       |

| Product  | Article-No.      | Order-No.      | Pack/Qty        |    |
|--|------------------|----------------|-----------------|----|
|  <p><b>Cover plate for Schuko socket outlet</b><br/>Cover plate for Schuko socket outlet code: 8188, 8188.5 &amp; 8188.6.</p> | Soft White       | <b>8588 BL</b> | 2CLA858800A1101 | 20 |
|  | White w/o chrome | <b>8588 BB</b> | 2CLA858800A4101 | 20 |
|  | Silver           | <b>8588 PL</b> | 2CLA858800A1301 | 20 |
|  | Soft Black       | <b>8588 NS</b> | 2CLA858800A1501 | 20 |
|  | Dune             | <b>8588 DN</b> | 2CLA858800A6201 | 20 |
|  | Taupé            | <b>8588 TP</b> | 2CLA858800A6301 | 20 |
|  | Comodoro         | <b>8588 CM</b> | 2CLA858800A1901 | 20 |
|  | Stainless Steel  | <b>8588 AI</b> | 2CLA858800A1401 | 20 |
|  | Antique Gold     | <b>8588 OE</b> | 2CLA858800A1201 | 20 |
|  | White Glass      | <b>8588 CB</b> | 2CLA858800A2101 | 10 |
|  | Black Glass      | <b>8588 CN</b> | 2CLA858800A2501 | 10 |

| Product   | Article-No. | Order-No.      | Pack/Qty        |   |
|---|-------------|----------------|-----------------|---|
|  <p><b>Cover plate for Schuko socket outlet</b><br/>Suitable to identify special circuits.<br/>Cover plate for Schuko socket outlet code: 8188, 8188.5 &amp; 8188.6.</p> | Red         | <b>8588 RJ</b> | 2CLA858800A7001 | 5 |
|   | Green       | <b>8588 VD</b> | 2CLA858800A8001 | 5 |
|   | Orange      | <b>8588 NA</b> | 2CLA858800A9001 | 5 |

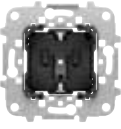
| Product   | Article-No.      | Order-No.        | Pack/Qty        |    |
|---|------------------|------------------|-----------------|----|
|  <p><b>Cover plate for Schuko socket outlet w/ lid</b><br/>Cover plate for Schuko socket outlet code: 8188, 8188.5 &amp; 8188.6.</p> | Soft White       | <b>8588.1 BL</b> | 2CLA858810A1101 | 10 |
|   | White w/o chrome | <b>8588.1 BB</b> | 2CLA858810A4101 | 10 |
|   | Silver           | <b>8588.1 PL</b> | 2CLA858810A1301 | 10 |
|   | Soft Black       | <b>8588.1 NS</b> | 2CLA858810A1501 | 10 |
|   | Dune             | <b>8588.1 DN</b> | 2CLA858810A6201 | 10 |
|   | Taupé            | <b>8588.1 TP</b> | 2CLA858810A6301 | 10 |
|   | Comodoro         | <b>8588.1 CM</b> | 2CLA858810A1901 | 10 |
|   | Stainless Steel  | <b>8588.1 AI</b> | 2CLA858810A1401 | 5  |
|   | Antique Gold     | <b>8588.1 OE</b> | 2CLA858810A1201 | 5  |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Schuko socket outlet with indicator lamp</b><br/>Rated voltage: 250 Vac.<br/>Rated current: 16 A.<br/>Type F: 2P + E.<br/>Shuttered for child safety.<br/>Screw terminals.<br/>Without fixing claws.<br/>Included: indicator LED lamp.<br/>Cover plate code: 8588.8</p> | <b>8188.8</b> | 2CLA818880A1001 | 5        |

| Product   | Article-No.      | Order-No.        | Pack/Qty        |    |
|---|------------------|------------------|-----------------|----|
|  <p><b>Cover plate for Schuko socket outlet w/ lens</b><br/>Cover plate for Schuko socket outlet code: 8188.8.</p> | Soft White       | <b>8588.8 BL</b> | 2CLA858880A1101 | 10 |
|   | White w/o chrome | <b>8588.8 BB</b> | 2CLA858880A4101 | 10 |
|   | Silver           | <b>8588.8 PL</b> | 2CLA858880A1301 | 10 |
|   | Soft Black       | <b>8588.8 NS</b> | 2CLA858880A1501 | 10 |
|   | Dune             | <b>8588.8 DN</b> | 2CLA858880A6201 | 10 |
|   | Taupé            | <b>8588.8 TP</b> | 2CLA858880A6301 | 10 |
|   | Comodoro         | <b>8588.8 CM</b> | 2CLA858880A1901 | 10 |
|   | Stainless Steel  | <b>8588.8 AI</b> | 2CLA858880A1401 | 10 |
|   | Antique Gold     | <b>8588.8 OE</b> | 2CLA858880A1201 | 10 |


## Sky Niessen & Skymoon


### Schuko socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Schuko socket outlet for plain covers</b><br>Rated voltage: 250 Vac.<br>Rated current: 16 A.<br>Type F: 2P + E.<br>Shuttered for child safety.<br>Screw terminals.<br>Without fixing claws.<br>Cover plate code: 8588.9. |                 |          |
|   | <b>8188.9</b>   | 2CLA818890A1001 | 10       |


|   |  |  |  |
|---|--|--|--|
|  | <b>Flat cover plate for Schuko socket outlet</b><br>Cover plate for Schuko socket outlet code: 8188.9. |  |  |
|---|--|--|--|


|                  |                  |                 |    |
|------------------|------------------|-----------------|----|
| Soft White       | <b>8588.9 BL</b> | 2CLA858890A1101 | 20 |
| White w/o chrome | <b>8588.9 BB</b> | 2CLA858890A4101 | 20 |
| Silver           | <b>8588.9 PL</b> | 2CLA858890A1301 | 20 |
| Soft Black       | <b>8588.9 NS</b> | 2CLA858890A1501 | 20 |
| Dune             | <b>8588.9 DN</b> | 2CLA858890A6201 | 20 |
| Taupé            | <b>8588.9 TP</b> | 2CLA858890A6301 | 20 |
| Comodoro         | <b>8588.9 CM</b> | 2CLA858890A1901 | 20 |
| Stainless Steel  | <b>8588.9 AI</b> | 2CLA858890A1401 | 20 |
| Antique Gold     | <b>8588.9 OE</b> | 2CLA858890A1201 | 20 |
| White Glass      | <b>8588.9 CB</b> | 2CLA858890A2101 | 10 |
| Black Glass      | <b>8588.9 CN</b> | 2CLA858890A2501 | 10 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Schuko socket outlet + USB charger 2x 200 mA, 2 outlets</b><br><b>Schuko socket outlet:</b><br>Rated voltage: 250 Vac<br>Rated current: 16A<br>Type F: 2P + E<br>Shuttered for child safety<br><b>USB charger type A:</b><br>Output voltage: 5 Vdc ±5%.<br>Output current: 2.000 mA.<br>Power consumption in stand-by: <= 0,015 W<br>Energy efficiency: >= 79%.<br>Operating temperature: 0°C to 45°C*<br>Overheat protection<br>LED indicator<br>Screw terminals<br>Without fixing claws<br>Cover plate code: 8588.3 XX |                 |   |
|   | <b>8188.3</b>   | 2CLA818830A1001 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate for Schuko socket outlet + USB charger</b><br>Cover plate for Schuko socket outlet + USB charger<br>2x 200 mA, 2 outlets code: 8188.3 |                 |   |
| Soft White  | <b>8588.3 BL</b>   | 2CLA818830A1101 | 1 |
| White w/o chrome  | <b>8588.3 BB</b>   | 2CLA818830A4101 | 1 |
| Silver  | <b>8588.3 PL</b>   | 2CLA818830A1301 | 1 |
| Soft Black  | <b>8588.3 NS</b>   | 2CLA818830A1501 | 1 |
| Dune  | <b>8588.3 DN</b>   | 2CLA858830A6201 | 1 |
| Taupé   | <b>8588.3 TP</b>   | 2CLA858830A6301 | 1 |
| Comodoro  | <b>8588.3 CM</b>   | 2CLA858830A1901 | 1 |
| Stainless Steel   | <b>8588.3 AI</b>   | 2CLA818830A1401 | 1 |
| Antique Gold  | <b>8588.3 OE</b>   | 2CLA818830A1201 | 1 |


### French / earth-pin socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>French/Earth-pin socket outlet</b><br>Rated voltage: 250 Vac.<br>Rated current: 16 A.<br>Type E: 2P + E.<br>Shuttered for child safety.<br>Screw terminals.<br>Included: fixing claws.<br>Cover plate code: 8587. |                 |          |
|   | <b>8187</b>  | 2CLA818700A1001 | 10       |

|   |   |  |  |
|---|---|--|--|
|  | <b>Cover plate for French socket outlet</b><br>Cover plate for Schuko socket outlet code: 8187. |  |  |
|---|---|--|--|


|                  |                |                 |    |
|------------------|----------------|-----------------|----|
| Soft White       | <b>8587 BL</b> | 2CLA858700A1101 | 20 |
| White w/o chrome | <b>8587 BB</b> | 2CLA858700A4101 | 20 |
| Silver           | <b>8587 PL</b> | 2CLA858700A1301 | 20 |
| Soft Black       | <b>8587 NS</b> | 2CLA858700A1501 | 20 |
| Dune             | <b>8587 DN</b> | 2CLA858700A6201 | 20 |
| Taupé            | <b>8587 TP</b> | 2CLA858700A6301 | 20 |
| Comodoro         | <b>8587 CM</b> | 2CLA858700A1901 | 20 |
| Stainless Steel  | <b>8587 AI</b> | 2CLA858700A1401 | 20 |
| Antique Gold     | <b>8587 OE</b> | 2CLA858700A1201 | 20 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>French/Earth-pin socket outlet for plain covers</b><br>Rated voltage: 250 Vac.<br>Rated current: 16 A.<br>Type E: 2P + E.<br>Shuttered for child safety.<br>Screwless terminals.<br>Included: fixing claws.<br>Cover plate code: 8587.9. |                 |    |
|   | <b>8187.9</b>   | 2CLA818790A1001 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Flat cover plate for French socket outlet</b><br>Cover plate for French / earth-pin socket outlet code: 8187.9. |                 |    |
| Soft White  | <b>8587.9 BL</b>   | 2CLA858790A1101 | 10 |
| White w/o chrome  | <b>8587.9 BB</b>   | 2CLA858790A4101 | 10 |
| Silver  | <b>8587.9 PL</b>   | 2CLA858790A1301 | 10 |
| Soft Black  | <b>8587.9 NS</b>   | 2CLA858790A1501 | 10 |
| Dune  | <b>8587.9 DN</b>   | 2CLA858790A6201 | 20 |
| Taupé   | <b>8587.9 TP</b>   | 2CLA858790A6301 | 20 |
| Comodoro  | <b>8587.9 CM</b>   | 2CLA858790A1901 | 20 |
| Stainless Steel   | <b>8587.9 AI</b>   | 2CLA858790A1401 | 10 |
| Antique Gold  | <b>8587.9 OE</b>   | 2CLA858790A1201 | 10 |
| White Glass   | <b>8587.9 CB</b>   | 2CLA858790A2101 | 10 |
| Black Glass   | <b>8587.9 CN</b>   | 2CLA858790A2501 | 10 |

## Sky Niessen & Skymoon


### Push-buttons


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Universal socket outlet</b><br>Rated voltage: 125 / 250 Vac.<br>Rated current: 15 / 16 A.<br>Multiple type: 2P + E.<br>Shuttered for child safety.<br>Screw terminals.<br>Without fixing claws.<br>Cover plates:<br>- Euroamerican type (Type B+C: 2P + E / NEMA 5-15R): 8538.<br>- Universal type (Multiple type: 2P + E): 8539. |                 |          |
|   | <b>8139</b>  | 2CLA813900A1001 | 10       |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for Euroamerican socket outlet</b><br>Cover plate with Euroamerican type figure for universal socket outlet code: 8139. |                 |          |
| Soft White  | <b>8538 BL</b>   | 2CLA853800A1101 | 10       |
| Silver  | <b>8538 PL</b>   | 2CLA853800A1301 | 10       |
| Soft Black  | <b>8538 NS</b>   | 2CLA853800A1501 | 10       |
| Dune  | <b>8538 DN</b>   | 2CLA858800A6201 | 20       |
| Taupé   | <b>8538 TP</b>   | 2CLA858800A6301 | 20       |
| Comodoro  | <b>8538 CM</b>   | 2CLA858800A1901 | 20       |
| Stainless Steel   | <b>8538 AI</b>   | 2CLA853800A1401 | 10       |
| Antique Gold  | <b>8538 OE</b>   | 2CLA853800A1201 | 10       |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for Universal socket outlet</b><br>Cover plate with universal type figure for universal socket outlet code: 8139. |                 |          |
| Soft White  | <b>8539 BL</b>   | 2CLA853900A1101 | 10       |
| Silver  | <b>8539 PL</b>   | 2CLA853900A1301 | 10       |
| Soft Black  | <b>8539 NS</b>   | 2CLA853900A1501 | 10       |
| Dune  | <b>8539 DN</b>   | 2CLA853900A6201 | 10       |
| Taupé   | <b>8539 TP</b>   | 2CLA853900A6301 | 10       |
| Comodoro  | <b>8539 CM</b>   | 2CLA853900A1901 | 10       |
| Stainless Steel   | <b>8539 AI</b>   | 2CLA853900A1401 | 10       |
| Antique Gold  | <b>8539 OE</b>   | 2CLA853900A1201 | 10       |

### USB chargers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>USB charger 1.500mA, 2 outlets</b><br>Input voltage: 100 - 240 Vac ±10% ; 50 / 60 Hz.<br>Input current: 0,20 A (with maximum load).<br>Output voltage: 5 Vdc ±5%.<br>Output current: 1.500 mA (total for both gangs).<br>Power consumption in stand-by: ≤ 0,3W@230Vac.<br>Energy efficiency: ≥ 71%.<br>Operating temperature: 0 °C to 35 °C.<br>Mounting grid delivered with the cover plate (without fixing claws).<br>Cover plate code: 8585. |                 |          |
|   | <b>8185</b>  | 2CLA818500A1001 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>USB charger A+C 18W, 2 outlets</b><br>Input voltage: 100 - 240 Vac ±10% ; 50 / 60 Hz.<br>Input current: 0,20 A (with maximum load).<br>Output voltage: 5 Vdc ±5%.<br>Output power: 18W.<br>Operating temperature: 0 °C to 45 °C.<br>Without fixing claws.<br>Cover plate code: 8585. |                 |          |
|   | <b>8185.1</b>   | 2CLA818510A1001 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for USB chargers</b><br>Cover plate for USB chargers 8185 & 8185.1 |                 |          |
| Soft White  | <b>8585 BL</b>  | 2CLA858500A1101 | 5        |
| White w/o chrome  | <b>8585 BB</b>  | 2CLA858500A4101 | 5        |
| Silver  | <b>8585 PL</b>  | 2CLA858500A1301 | 5        |
| Soft Black  | <b>8585 NS</b>  | 2CLA858500A1501 | 5        |
| Dune  | <b>8585 DN</b>  | 2CLA858500A6201 | 5        |
| Taupé   | <b>8585 TP</b>  | 2CLA858500A6301 | 5        |
| Comodoro  | <b>8585 CM</b>  | 2CLA858500A1901 | 5        |
| Stainless Steel   | <b>8585 AI</b>  | 2CLA858500A1401 | 5        |
| White Glass   | <b>8585 CB</b>  | 2CLA858500A2101 | 1        |
| Black Glass   | <b>8585 CN</b>  | 2CLA858500A2501 | 1        |


## Sky Niessen & Skymoon

### USB chargers


| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>USB charger 2.000 mA, 1 outlet</b><br/>           Input voltage: 100 - 230 Vac <math>\pm</math>10% ; 50 / 60 Hz.<br/>           Input current: 0,20 A (with maximum load).<br/>           Output voltage: 5 Vdc <math>\pm</math>5%.<br/>           Output current: 2.000 mA.<br/>           Power consumption in stand-by: <math>\leq</math> 0,01W@230Vac.<br/>           Energy efficiency: <math>\geq</math> 79%.<br/>           Operating temperature: 0 °C to 45 °C.<br/>           Without fixing claws.<br/>           Cover plate code: 8585.2.</p> | <b>8185.2</b> | 2CLA818520A1001 | 1        |


| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Cover plate for USB charger 2A</b><br/>           Cover plate for USB charger code: 8185.2.</p> |                  |                 |          |
| Soft White  | <b>8585.2 BL</b> | 2CLA858520A1101 | 1        |
| White w/o chrome  | <b>8585.2 BB</b> | 2CLA858520A4101 | 1        |
| Silver  | <b>8585.2 PL</b> | 2CLA858520A1301 | 1        |
| Soft Black  | <b>8585.2 NS</b> | 2CLA858520A1501 | 1        |
| Dune  | <b>8585.2 DN</b> | 2CLA858520A6201 | 1        |
| Taupé   | <b>8585.2 TP</b> | 2CLA858520A6301 | 1        |
| Comodoro  | <b>8585.2 CM</b> | 2CLA858520A1901 | 1        |
| Stainless Steel   | <b>8585.2 AI</b> | 2CLA858520A1401 | 1        |
| Antique Gold  | <b>8585.2 OE</b> | 2CLA858520A1201 | 1        |
| White Glass   | <b>8585.2 CB</b> | 2CLA858520A2101 | 1        |
| Black Glass   | <b>8585.2 CN</b> | 2CLA858520A2501 | 1        |


| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>USB charger 2x 2.000mA, 2 outlets</b><br/>           Input voltage: 100 - 230 Vac <math>\pm</math>10%; 50/60 Hz.<br/>           Input current: 0,20 A (with maximum load).<br/>           Output voltage: 5 Vdc <math>\pm</math>5%.<br/>           Output current: 2.000 mA.<br/>           Power consumption in stand-by: <math>\leq</math> 0,01W@230Vac.<br/>           Energy efficiency: <math>\geq</math> 79%.<br/>           Operating temperature: 0 °C to 45 °C.<br/>           Without fixing claws.<br/>           Cover plate code: 8585.3.</p> | <b>8185.3</b> | 2CLA818530A1001 | 1        |


| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Cover plate for USB charger 2x 2 A</b><br/>           Cover plate for USB charger code: 8185.3.</p> |                  |                 |          |
| Soft White  | <b>8585.3 BL</b> | 2CLA858530A1101 | 1        |
| White w/o chrome  | <b>8585.3 BB</b> | 2CLA858530A4101 | 1        |
| Silver  | <b>8585.3 PL</b> | 2CLA858530A1301 | 1        |
| Soft Black  | <b>8585.3 NS</b> | 2CLA858530A1501 | 1        |
| Dune  | <b>8585.3 DN</b> | 2CLA858530A6201 | 1        |
| Taupé   | <b>8585.3 TP</b> | 2CLA858530A6301 | 1        |
| Comodoro  | <b>8585.3 CM</b> | 2CLA858530A1901 | 1        |
| Stainless Steel   | <b>8585.3 AI</b> | 2CLA858530A1401 | 1        |
| Antique Gold  | <b>8585.3 OE</b> | 2CLA858530A1201 | 1        |
| White Glass   | <b>8585.3 CB</b> | 2CLA858530A2101 | 1        |
| Black Glass   | <b>8585.3 CN</b> | 2CLA858530A2501 | 1        |

### Protection devices

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Circuit breaker 6A &amp; RCD 10mA</b><br/>           Rated voltage: 120 - 230 Vac ; 50 / 60 Hz.<br/>           Rated current: 6 A.<br/>           Braking capacity: 1.500 A.<br/>           Residual current (sensitivity - I<math>\Delta</math>n): 10 mA.<br/>           C type magneto-thermic protection.<br/>           A type residual current protection.<br/>           Two-pole (1P + N) with 1 protected pole.<br/>           Without fixing claws.<br/>           Cover plate code: 8534.</p> | <b>8134.1</b> | 2CLA813410A1001 | 1        |




| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Circuit breaker 10A &amp; RCD 10mA</b><br/>           Rated voltage: 120 - 230 Vac ; 50 / 60 Hz.<br/>           Rated current: 10 A.<br/>           Braking capacity: 3.000 A.<br/>           Residual current (sensitivity - I<math>\Delta</math>n): 10 mA.<br/>           C type magneto-thermic protection.<br/>           A type residual current protection.<br/>           Two-pole (1P + N) with 1 protected pole.<br/>           Without fixing claws.<br/>           Cover plate code: 8534.</p> | <b>8134.2</b> | 2CLA813420A1001 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Circuit breaker 16A &amp; RCD 10mA</b><br/>           Rated voltage: 120 - 230 Vac ; 50 / 60 Hz.<br/>           Rated current: 16 A.<br/>           Braking capacity: 3.000 A.<br/>           Residual current (sensitivity - I<math>\Delta</math>n): 10 mA.<br/>           C type magneto-thermic protection.<br/>           A type residual current protection.<br/>           Two-pole (1P + N) with 1 protected pole.<br/>           Without fixing claws.<br/>           Cover plate code: 8534.</p> | <b>8134.3</b> | 2CLA813430A1001 | 1        |

| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <p><b>Cover plate for circuit breaker &amp; RCD</b><br/>           Cover plate for circuit breaker &amp; RCD code:<br/>           8134.1, 8134.2 &amp; 8134.3.</p> |                |                 |          |
| Soft White   | <b>8534 BL</b> | 2CLA853400A1101 | 1        |
| Silver   | <b>8534 PL</b> | 2CLA853400A1301 | 1        |
| Soft Black   | <b>8534 NS</b> | 2CLA853400A1501 | 1        |
| Dune   | <b>8534 DN</b> | 2CLA853400A6201 | 1        |
| Taupé  | <b>8534 TP</b> | 2CLA853400A6301 | 1        |
| Comodoro   | <b>8534 CM</b> | 2CLA853400A1901 | 1        |
| Stainless Steel  | <b>8534 AI</b> | 2CLA853400A1401 | 1        |
| Antique Gold   | <b>8534 OE</b> | 2CLA853400A1201 | 1        |

## Sky Niessen & Skymoon




### TV outlets


| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>TV / R terminal outlet</b><br/>TV and R double outlet - Final.<br/>Without filter.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm diam. / IEC female 9,52mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 862 MHz / 5 - 862 MHz / 5 - 862 MHz.<br/>Basic loss (FM / DAB / VHF / UHF):<br/>10,0±0,7 dB / 10,0 ±1,5 dB / 4,0±1,5 dB / 3,0±0,5 dB.<br/>Isolation (FM / TV): &gt;14 / &gt;14.<br/>Return loss (FM / TV): &gt;18 / &gt;10.<br/>Included: fixing claws.<br/>Cover plate code: 8550.</p>  | <b>8150</b>   | 2CLA815000A1001 | 10       |
|  <p><b>TV / R final outlet - CATV outlet</b><br/>TV and R double outlet - CATV outlet - Final.<br/>With filter.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm. diam. / IEC female 9,52mm. diam.<br/>Frequency range (C1 / C2):<br/>5 - 68 &amp; 118 - 1.000 MHz / 87,5 - 108 MHz.<br/>Basic loss (R / FM / TV):<br/>0,3±0,1 dB / 1,1 ±0,3 dB / 0,9±0,3 dB.<br/>Isolation (FM / TV): &gt;18 / &gt;16.<br/>Selectivity (FM / TV): &gt;10 / &gt;18.<br/>Return loss (R / FM / TV): &gt;18 / &gt;16 / &gt;18.<br/>Chroma-luminance delay (ns): &lt;10.<br/>Included: fixing claws.<br/>Cover plate code: 8550.</p>                     | <b>8150.3</b> | 2CLA815030A1001 | 10       |
|  <p><b>TV / R loop-through outlet</b><br/>TV and R double outlet - Intermediate.<br/>Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor.<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm diam. / IEC female 9,52mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz.<br/>Basic loss (FM / DAB / VHF / UHF):<br/>25±1,5 dB / 25 ±1,5 dB / 8,0±0,7 dB / 8,0±0,7 dB.<br/>Through loss (FM / VHF / UHF):<br/>2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB.<br/>Directivity (FM / TV): &gt;12 dB / &gt;9 dB.<br/>Isolation (FM / TV): &gt;16 / &gt;15.<br/>Return loss (FM / TV): &gt;12 / &gt;12.<br/>Included: fixing claws.<br/>Cover plate code: 8550.</p> | <b>8150.7</b> | 2CLA815070A1001 | 10       |

| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <p><b>Cover plate for TV/R outlet</b><br/>Cover plate for TV outlet code: 8150, 8150.3 &amp; 8150.7.</p> |                |                 |          |
| Soft White   | <b>8550 BL</b> | 2CLA855000A1101 | 20       |
| White w/o chrome   | <b>8550 BB</b> | 2CLA855000A4101 | 20       |
| Silver   | <b>8550 PL</b> | 2CLA855000A1301 | 20       |
| Soft Black   | <b>8550 NS</b> | 2CLA855000A1501 | 20       |
| Dune   | <b>8550 DN</b> | 2CLA855000A6201 | 20       |
| Taupé  | <b>8550 TP</b> | 2CLA855000A6301 | 20       |
| Comodoro   | <b>8550 CM</b> | 2CLA855000A1901 | 20       |
| Stainless Steel  | <b>8550 AI</b> | 2CLA855000A1401 | 20       |
| Antique Gold   | <b>8550 OE</b> | 2CLA855000A1201 | 20       |
| White Glass  | <b>8550 CB</b> | 2CLA855000A2101 | 5        |
| Black Glass  | <b>8550 CN</b> | 2CLA855000A2501 | 5        |

## Sky Niessen & Skymoon


### TV outlets


| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>TV-R/SAT terminal outlet</b><br/>TV-R and SAT double outlet - Final.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB.<br/>Isolation (FM / TV / SAT): &gt;45 / &gt;14 / &gt;14.<br/>Selectivity (TV-R / SAT): &gt;15 / &gt;15.<br/>Return loss (VR / FM / TV / SAT): &gt;25 / &gt;25 / &gt;14 / &gt;10.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>Included: fixing claws.<br/>Cover plate code: 8550.1.</p>                       | <b>8151.3</b> | 2CLA815130A1001 | 10       |
|  <p><b>TV-R/SAT final outlet</b><br/>TV-R and SAT double outlet - Final.<br/>Installation as a terminal outlet connected to a series with loop-through outlets.<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB.<br/>Isolation (FM / TV / SAT): &gt;20 / &gt;20 / &gt;14.<br/>Return loss (VR / FM / TV / SAT): &gt;16 / &gt;16 / &gt;16 / &gt;9.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>Included: fixing claws.<br/>Cover plate code: 8550.1.</p>   | <b>8151.7</b> | 2CLA815170A1001 | 10       |
|  <p><b>TV-R/SAT loop-through outlet</b><br/>TV-R and SAT double outlet - Intermediate<br/>Installation as an intermediate outlet in series connected to each other.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB.<br/>Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0.<br/>Directivity (FM / TV / SAT): &gt;20 / &gt;12 / &gt;5.<br/>Isolation (FM / TV / SAT): &gt;45 / &gt;30 / &gt;28.<br/>Return loss (VR / FM / TV / SAT): &gt;13 / &gt;13 / &gt;12 / &gt;12.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>Included: fixing claws.<br/>Cover plate code: 8550.1.</p> | <b>8151.8</b> | 2CLA815180A1001 | 10       |


| Product   | Article-No.      | Order-No.       | Pack/Qty |
|---|------------------|-----------------|----------|
|  <p><b>Cover plate for TV-R/SAT outlet</b><br/>Cover plate for TV outlet code: 8151.3 , 8150.7 &amp; 8150.8.</p> |                  |                 |          |
| Soft White  | <b>8550.1 BL</b> | 2CLA855010A1101 | 20       |
| White w/o chrome  | <b>8550.1 BB</b> | 2CLA855010A4101 | 20       |
| Silver  | <b>8550.1 PL</b> | 2CLA855010A1301 | 20       |
| Soft Black  | <b>8550.1 NS</b> | 2CLA855010A1501 | 20       |
| Dune  | <b>8550.1 DN</b> | 2CLA855000A6201 | 20       |
| Taupé   | <b>8550.1 TP</b> | 2CLA855000A6301 | 20       |
| Comodoro  | <b>8550.1 CM</b> | 2CLA855000A1901 | 20       |
| Stainless Steel   | <b>8550.1 AI</b> | 2CLA855010A1401 | 20       |
| Antique Gold  | <b>8550.1 OE</b> | 2CLA855010A1201 | 20       |
| White Glass   | <b>8550.1 CB</b> | 2CLA855000A2101 | 5        |
| Black Glass   | <b>8550.1 CN</b> | 2CLA855000A2501 | 5        |


## Sky Niessen & Skymoon


### Telephone & data outlets


| Product  | Article-No. | Order-No.       | Pack/Qty |
|--|-------------|-----------------|----------|
|  <p><b>Telephone outlet RJ12</b><br/>RJ12 type connector.<br/>6 contacts.<br/>Suitable for 2 (6P2C), 4 (6P4C) or 6 (6P6C) RJ11 and RJ12 jacks.<br/>Screw terminals.<br/>Without fixing claws.<br/>Cover plate code: 8517.</p> | <b>8117</b> | 2CLA811700A1001 | 10       |


|   |             |                 |    |
|---|-------------|-----------------|----|
|  <p><b>Data outlet RJ45 Cat.5e UTP</b><br/>RJ45 type connector.<br/>Cat.5e UTP.<br/>In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 &amp; EN50173.<br/>Universal TIA/EIA 568A and 568B labeling.<br/>Housing: ABS UL-94-0.<br/>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4)<br/>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br/>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.<br/>Tool-less wiring.<br/>Without fixing claws.<br/>Cover plate code: 8517.</p> | <b>8118</b> | 2CLA811800A1001 | 10 |
|---|-------------|-----------------|----|


| Product   | Article-No.    | Order-No.       | Pack/Qty |
|---|----------------|-----------------|----------|
|  <p><b>Cover plate for telephone/data outlets</b><br/>Cover plate for telephone/data outlet code: 8117 &amp; 8118.</p> |                |                 |          |
| Soft White  | <b>8517 BL</b> | 2CLA851700A1101 | 10       |
| White w/o chrome  | <b>8517 BB</b> | 2CLA851700A4101 | 10       |
| Silver  | <b>8517 PL</b> | 2CLA851700A1301 | 10       |
| Soft Black  | <b>8517 NS</b> | 2CLA851700A1501 | 10       |
| Dune  | <b>8517 DN</b> | 2CLA851700A6201 | 10       |
| Taupé   | <b>8517 TP</b> | 2CLA851700A6301 | 10       |
| Comodoro  | <b>8517 CM</b> | 2CLA851700A1901 | 10       |
| Stainless Steel   | <b>8517 AI</b> | 2CLA851700A1401 | 10       |
| Antique Gold  | <b>8517 OE</b> | 2CLA851700A1201 | 10       |
| White Glass   | <b>8517 CB</b> | 2CLA851700A2101 | 5        |
| Black Glass   | <b>8517 CN</b> | 2CLA851700A2501 | 5        |

| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <p><b>Cover plate for data outlet 2-gang at 45°</b><br/>Cover plate at 45° for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>With shutters.</p> |             |                 |          |
| Soft White  | 8516.8 BL   | 2CLA851680A1101 | 5        |
| Silver  | 8516.8 PL   | 2CLA851680A1301 | 5        |
| Soft Black  | 8516.8 NS   | 2CLA851680A1501 | 5        |
| Dune  | 8516.8 DN   | 2CLA851680A6201 | 5        |
| Taupé   | 8516.8 TP   | 2CLA851680A6301 | 5        |
| Comodoro  | 8516.8 CM   | 2CLA851680A1901 | 5        |
| Stainless Steel   | 8516.8 AI   | 2CLA851680A1401 | 5        |
| Antique Gold  | 8516.8 OEL  | 2CLA851680A1201 | 5        |

|   |             |                 |    |
|---|-------------|-----------------|----|
|  <p><b>Housing for data outlets – Keystone, 3M &amp; AMP type.</b><br/>Housing for connectors with Keystone, 3M and AMP type clipping system.<br/>Cover plate code: 8516.8.</p> | <b>2016</b> | 2CLA201600A1001 | 10 |
|---|-------------|-----------------|----|

|  |               |                 |    |
|--|---------------|-----------------|----|
|  <p><b>Housing for data outlets – Systimax type.</b><br/>Housing for connectors with Systimax type clipping system.<br/>Cover plate code: 8516.8.</p> | <b>2016.1</b> | 2CLA201610A1001 | 10 |
|--|---------------|-----------------|----|






|   |               |                 |    |
|---|---------------|-----------------|----|
|  <p><b>Housing for data outlets – Paduit type.</b><br/>Housing for connectors with Panduit type clipping system.<br/>Cover plate code: 8516.8.</p> | <b>2016.2</b> | 2CLA201620A1001 | 10 |
|---|---------------|-----------------|----|





|  |               |                 |    |
|--|---------------|-----------------|----|
|  <p><b>Housing for data outlets – R&amp;M type.</b><br/>Housing for connectors with Keystone, R&amp;M type clipping system.<br/>Cover plate code: 8516.8.</p> | <b>2016.3</b> | 2CLA201630A1001 | 10 |
|--|---------------|-----------------|----|



## Sky Niessen & Skymoon







### Telephone & data outlets





| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Telephone outlet RJ12</b><br>RJ12 type connector. 6 contacts.<br>Suitable for 2 (6P2C), 4 (6P4C) or 6 (6P6C) RJ11 and RJ12 jacks.<br>Screw terminals.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8518.1 & 8518.2.   |                 |          |
|   | <b>2017.2</b>   | 2CLA201720A1001 | 10       |
|    | <b>Telephone outlet RJ45 Cat.3</b><br>RJ45 type connector.<br>Cat.3.<br>8 contacts.<br>Suitable for 8 (8P8C) RJ45 jacks.<br>Tool-less wiring.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8518.1 & 8518.2.  |                 |          |
|   | <b>2017.3</b>   | 2CLA201730A1001 | 10       |
|   | <b>Data outlet RJ45 Cat.5e UTP</b><br>RJ45 type connector.<br>Cat.5e UTP.<br>In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.<br>Universal TIA/EIA 568A and 568B labeling.<br>Housing: ABS UL-94-0.<br>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.<br>Tool-less wiring.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8518.1 & 8518.2.   |                 |          |
|   | <b>2018.5</b>   | 2CLA201850A1001 | 10       |
|  | <b>Data outlet RJ45 Cat.6 UTP</b><br>RJ45 type connector.<br>Cat.6 UTP.<br>In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.<br>Universal TIA/EIA 568A and 568B labeling.<br>Housing: ABS UL-94-0.<br>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.<br>Tool-less wiring.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8518.1 & 8518.2.   |                 |          |
|   | <b>2018.6</b>   | 2CLA201860A1001 | 10       |
|  | <b>Data outlet RJ45 Cat.6A STP</b><br>RJ45 type connector.<br>Cat.6A STP.<br>In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.<br>Universal TIA/EIA 568A and 568B Labeling.<br>10 Gb/sec.<br>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).<br>Housing: Zinc Die-casting design for optimal EMI protection.<br>Slim size is ideal for interfaces where the spaces are tight.<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.<br>Tool-less wiring.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8518.1 & 8518.2. |                 |          |
|   | <b>2018.7</b>   | 2CLA201870A1001 | 10       |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Housing for data outlets - Keystone type</b><br>Housing for connectors with Keystone type clipping system.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8518.1 & 8518.2.              |                 |          |
|   | <b>2018</b>   | 2CLA201800A1001 | 10       |
|    | <b>Housing for data outlets - Systimax type</b><br>Housing for connectors with Systimax type clipping system.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8518.1 & 8518.2.              |                 |          |
|   | <b>2018.8</b>   | 2CLA201880A1001 | 10       |
|   | <b>Cover plate for data outlet 1-gang</b><br>Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8.<br>Included:<br>- Mounting grid without claws.<br>- Shutters.<br>- Labeling area.  |                 |          |
| Soft White  | <b>8518.1 BL</b>  | 2CLA851810A1101 | 10       |
| White w/o chrome  | <b>8518.1 BB</b>  | 2CLA851810A4101 | 10       |
| Silver  | <b>8518.1 PL</b>  | 2CLA851810A1301 | 10       |
| Soft Black  | <b>8518.1 NS</b>  | 2CLA851810A1501 | 10       |
| Dune  | <b>8518.1 DN</b>  | 2CLA851810A6201 | 10       |
| Taupé   | <b>8518.1 TP</b>  | 2CLA851810A6301 | 10       |
| Comodoro  | <b>8518.1 CM</b>  | 2CLA851810A1901 | 10       |
| Stainless Steel   | <b>8518.1 AI</b>  | 2CLA851810A1401 | 10       |
| Antique Gold  | <b>8518.1 OE</b>  | 2CLA851810A1201 | 10       |
|  | <b>Cover plate for data outlet 2-gangs</b><br>Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8.<br>Included:<br>- Mounting grid without claws.<br>- Shutters.<br>- Labeling area. |                 |          |
| Soft White  | <b>8518.2 BL</b>  | 2CLA851820A1101 | 10       |
| White w/o chrome  | <b>8518.2 BB</b>  | 2CLA851820A4101 | 10       |
| Silver  | <b>8518.2 PL</b>  | 2CLA851820A1301 | 10       |
| Soft Black  | <b>8518.2 NS</b>  | 2CLA851820A1501 | 10       |
| Dune  | <b>8518.2 DN</b>  | 2CLA851820A6201 | 10       |
| Taupé   | <b>8518.2 TP</b>  | 2CLA851820A6301 | 10       |
| Comodoro  | <b>8518.2 CM</b>  | 2CLA851820A1901 | 10       |
| Stainless Steel   | <b>8518.2 AI</b>  | 2CLA851820A1401 | 10       |
| Antique Gold  | <b>8518.2 OE</b>  | 2CLA851820A1201 | 10       |

## Sky Niessen & Skymoon


### VDI connectors

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Mini-Jack connection unit</b><br>Front: 1x Mini-Jack connector (3,5mm stereo audio jack).<br>Rear: screw terminals (3/4 wires).<br>Without fixing claws.<br>Cover plate code: 8555.                                |                 |          |
|   | <b>8155.4</b>   | 2CLA815540A1001 | 1        |
|    | <b>HDMI connection unit</b><br>Front: 1x HDMI connector (Type A connector).<br>Rear: screwless terminals (20 wires).<br>Without fixing claws.<br>Cover plate code: 8555.  |                 |          |
|   | <b>8155.6</b>   | 2CLA815560A1001 | 1        |
|   | <b>HDMI female-female connection unit</b><br>Front: 1x HDMI connector (Type A connector).<br>Rear: 1x HDMI connector (Type A connector) fitted at 90° angle.<br>Without fixing claws.<br>Cover plate code: 8555.      |                 |          |
|   | <b>8155.7</b>   | 2CLA815570A1001 | 1        |
|  | <b>USB connection unit</b><br>Front: 1x USB 2.0 connector (Type A connector).<br>Rear: screw terminals (5 wires).<br>Without fixing claws.<br>Cover plate code: 8555.   |                 |          |
|   | <b>8155.8</b>   | 2CLA815580A1001 | 1        |
|  | <b>USB female-female connection unit</b><br>Front: 1x USB 2.0 connector (Type A connector).<br>Rear: 1x USB 2.0 connector (Type A connector) fitted at 90° angle.<br>Without fixing claws.<br>Cover plate code: 8555. |                 |          |
|   | <b>8155.9</b>   | 2CLA815590A1001 | 1        |
|  | <b>Cover plate 1-gang VDI connection unit</b><br>Cover plate for 1-gang VDI connection unit code: 8155.4, 8155.6, 8155.7, 8155.8 & 8155.9.  |                 |          |
| Soft White  | <b>8555 BL</b>  | 2CLA855500A1101 | 1        |
| White w/o chrome  | <b>8555 BB</b>  | 2CLA855500A4101 | 1        |
| Silver  | <b>8555 PL</b>  | 2CLA855500A1301 | 1        |
| Soft Black  | <b>8555 NS</b>  | 2CLA855500A1501 | 1        |
| Dune  | <b>8555 DN</b>  | 2CLA855500A6201 | 1        |
| Taupé   | <b>8555 TP</b>  | 2CLA855500A6301 | 1        |
| Comodoro  | <b>8555 CM</b>  | 2CLA855500A1901 | 1        |
| Stainless Steel   | <b>8555 AI</b>  | 2CLA855500A1401 | 1        |
| Antique Gold  | <b>8555 OE</b>  | 2CLA855500A1201 | 1        |
| White Glass   | <b>8555 CB</b>  | 2CLA855500A2101 | 1        |
| Black Glass   | <b>8555 CN</b>  | 2CLA855500A2501 | 1        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>HDMI wired + USB connection unit</b><br>Front: 1x HDMI connector (Type A connector) & 1x USB 2.0 connector (Type A connector).<br>Rear: HDMI screwless terminals (20 wires) & USB screw terminals (5 wires).<br>Without fixing claws.<br>Cover plate code: 8555.1.                              |                 |          |
|   | <b>8155.68</b>   | 2CLA815568A1001 | 1        |
|    | <b>HDMI female-female + USB connection unit</b><br>Front: 1x HDMI connector (Type A connector) & 1x USB 2.0 connector (Type A connector).<br>Rear: 1x HDMI connector (Type A connector) fitted at 90° angle & USB screw terminals (5 wires).<br>Without fixing claws.<br>Cover plate code: 8555.1. |                 |          |
|   | <b>8155.78</b>   | 2CLA815578A1001 | 1        |
|   | <b>Double USB connection unit</b><br>Front: 2x USB 2.0 connector (Type A connector).<br>Rear: 2x USB screw terminals (5 wires).<br>Without fixing claws.<br>Cover plate code: 8555.1.  |                 |          |
|   | <b>8155.88</b>   | 2CLA815588A1001 | 1        |
|  | <b>Cover plate 2-gangs VDI connection unit</b><br>Cover plate for 2-gangs VDI connection unit code: 8155.68, 8155.78 & 8155.88.  |                 |          |
| Soft White  | <b>8555.1 BL</b>   | 2CLA855510A1101 | 1        |
| White w/o chrome  | <b>8555.1 BB</b>   | 2CLA855510A4101 | 1        |
| Silver  | <b>8555.1 PL</b>   | 2CLA855510A1301 | 1        |
| Soft Black  | <b>8555.1 NS</b>   | 2CLA855510A1501 | 1        |
| Dune  | <b>8555.1 DN</b>   | 2CLA855500A6201 | 1        |
| Taupé   | <b>8555.1 TP</b>   | 2CLA855500A6301 | 1        |
| Comodoro  | <b>8555.1 CM</b>   | 2CLA855500A1901 | 1        |
| Stainless Steel   | <b>8555.1 AI</b>   | 2CLA855510A1401 | 1        |
| Antique Gold  | <b>8555.1 OE</b>   | 2CLA855510A1201 | 1        |
| White Glass   | <b>8555.1 CB</b>   | 2CLA855500A2101 | 1        |
| Black Glass   | <b>8555.1 CN</b>   | 2CLA855500A2501 | 1        |

## Sky Niessen & Skymoon


### VDI connectors


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>2x RCA connection unit</b><br/>Front: 2x RCA connectors (Red / White).<br/>Rear: screw terminals (4 wires).<br/>Without fixing claws.<br/>Cover plate code: 8555.2.</p> | <b>8155.2</b> | 2CLA815520A1001 | 1        |

|  <p><b>Cover plate 2RCA connection unit</b><br/>Cover plate for 2RCA connection unit code: 8155.2.</p> |                  |                 |   |
|---|------------------|-----------------|---|
| Soft White  | <b>8555.2 BL</b> | 2CLA855520A1101 | 1 |
| White w/o chrome  | <b>8555.2 BB</b> | 2CLA855520A4101 | 1 |
| Silver  | <b>8555.2 PL</b> | 2CLA855520A1301 | 1 |
| Soft Black  | <b>8555.2 NS</b> | 2CLA855520A1501 | 1 |
| Dune  | 8555.2 DN        | 2CLA855520A6201 | 1 |
| Taupé   | 8555.2 TP        | 2CLA855520A6301 | 1 |
| Comodoro  | 8555.2 CM        | 2CLA855520A1901 | 1 |
| Stainless Steel   | <b>8555.2 AI</b> | 2CLA855520A1401 | 1 |
| Antique Gold  | <b>8555.2 OE</b> | 2CLA855520A1201 | 1 |
| White Glass   | 8555.2 CB        | 2CLA855520A2101 | 1 |
| Black Glass   | 8555.2 CN        | 2CLA855520A2501 | 1 |

|  |               |                 |   |
|--|---------------|-----------------|---|
|  <p><b>3x RCA connection unit</b><br/>Front: 3x RCA connectors (Red / White / Yellow).<br/>Rear: screw terminals (6 wires).<br/>Without fixing claws.<br/>Cover plate code: 8555.3.</p> | <b>8155.3</b> | 2CLA815530A1001 | 1 |
|--|---------------|-----------------|---|


|  <p><b>Cover plate 3RCA connection unit</b><br/>Cover plate for 3RCA connection unit code: 8155.3.</p> |                  |                 |   |
|---|------------------|-----------------|---|
| Soft White  | <b>8555.3 BL</b> | 2CLA855530A1101 | 1 |
| Silver  | <b>8555.3 PL</b> | 2CLA855530A1301 | 1 |
| Soft Black  | <b>8555.3 NS</b> | 2CLA855530A1501 | 1 |
| Dune  | <b>8555.3 DN</b> | 2CLA855530A6201 | 1 |
| Taupé   | <b>8555.3 TP</b> | 2CLA855530A6301 | 1 |
| Comodoro  | <b>8555.3 CM</b> | 2CLA855530A1901 | 1 |
| Stainless Steel   | <b>8555.3 AI</b> | 2CLA855530A1401 | 1 |
| Antique Gold  | <b>8555.3 OE</b> | 2CLA855530A1201 | 1 |
| White Glass   | <b>8555.3 CB</b> | 2CLA855530A2101 | 1 |
| Black Glass   | <b>8555.3 CN</b> | 2CLA855530A2501 | 1 |


| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>VGA connection unit</b><br/>Front: 1x VGA connector (DE-15 connector).<br/>Rear: screw terminals (15 wires).<br/>Without fixing claws.<br/>Cover plate code: 8555.5.</p> | <b>8155.5</b> | 2CLA815550A1001 | 1        |

|  <p><b>Cover plate VGA connection unit</b><br/>Cover plate for VGA connection unit code: 8155.5.</p> |                  |                 |   |
|---|------------------|-----------------|---|
| Soft White  | <b>8555.5 BL</b> | 2CLA855550A1101 | 1 |
| Silver  | <b>8555.5 PL</b> | 2CLA855550A1301 | 1 |
| Soft Black  | <b>8555.5 NS</b> | 2CLA855550A1501 | 1 |
| Dune  | 8555.5 DN        | 2CLA855550A6201 | 1 |
| Taupé   | 8555.5 TP        | 2CLA855550A6301 | 1 |
| Comodoro  | 8555.5 CM        | 2CLA855550A1901 | 1 |
| Stainless Steel   | <b>8555.5 AI</b> | 2CLA855550A1401 | 1 |
| Antique Gold  | <b>8555.5 OE</b> | 2CLA855550A1201 | 1 |
| White Glass   | 8555.5 CB        | 2CLA855550A2101 | 1 |
| Black Glass   | 8555.5 CN        | 2CLA855550A2501 | 1 |

## Sky Niessen & Skymoon


### Light controls - Rotatory dimmers


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>LED dimmer</b><br>Very small installation depth: < 20 mm Without claws. With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum/maximum brightness. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control)<br>Protection class (device): IP 20<br>Temperature range (device): 0 °C - 35 °C<br>Illuminable with neon lamp. Neon lamp included in delivery with cover plate. In the case of conventional transformers, take ~20% transformer loss into account.<br>In case of electronic transformers, 5 % transformer losses. Also applicable for 1gang 2way installations. Provided with terminal for net disconnection devices. Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)<br>Recommendation: Please use loads and types of one producer.<br>The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended. A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded. |                 |          |
|   | <b>8160.6</b>   | 2CKA006512A0345 | 1        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rotatory dimmer, 1-10Vdc</b><br>Rated voltage: 230 V~ ; ± 10% - 50/60 Hz.<br>Rated power: 700 W / VA.<br>With rotatory control.<br>For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For LED control via control drivers.<br>Without cover plate.<br>Not illuminable.<br>Making-current limiters have to be provided in case of too high making currents.<br>Included: fixing claws.<br>Cover plate code: 8560.2. |                 |          |
|   | <b>8160.9</b>  | 2CLA816090A1001 | 1        |
|  | <b>Cover plate with rotatory knob for dimmer</b><br>Cover plate with rotatory knob for dimmer code: 8160, 8160.6 & 8160.9.<br>Included: indicator neon lamp.   |                 |          |
| Soft White  | <b>8560.2 BL</b>   | 2CLA856020A1101 | 5        |
| White w/o chrome  | <b>8560.2 BB</b>   | 2CLA856020A4101 | 5        |
| Silver  | <b>8560.2 PL</b>   | 2CLA856020A1301 | 5        |
| Dune  | <b>8560.2 DN</b>   | 2CLA856020A6201 | 5        |
| Taupé   | <b>8560.2 TP</b>   | 2CLA856020A6301 | 5        |
| Comodoro  | <b>8560.2 CM</b>   | 2CLA856020A1901 | 5        |
| Soft Black  | <b>8560.2 NS</b>   | 2CLA856020A1501 | 5        |
| Stainless Steel   | <b>8560.2 AI</b>   | 2CLA856020A1401 | 5        |
| Antique Gold  | <b>8560.2 OE</b>   | 2CLA856020A1201 | 5        |

## Sky Niessen & Skymoon


### Light controls - DALI controllers


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rotary DALI dimmer Flush-mounted, tunable white.</b><br>For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With rotary control and ON/OFF push operation. Fool proved. For changing the colour temperature of >tunable white< lamps, which meet DALI Standard IEC 62386-209 (Device Type 8). Colour temperature can then be set between 2,700 K - 6,500 K. Brightness power-on level and background brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA. Not suitable for combining with other DALI sensors or central units of other manufacturers. For the generation of the DALI voltage a power supply according to IEC 62386 is required. Max. DALI-cable length: 300 m (1,5 - 2,5 mm <sup>2</sup> ). Without cover plate. |                 |          |
|   | <b>8161.6</b>   | 2CKA006599A3025 | 1        |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Rotary DALI dimmer Flush-mounted, DALI, with internal power supply, tunable White</b><br>For DALI broadcast service (via central telegram). With integrated DALI power adaptor. For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With rotary control and ON/OFF push operation. For changing the colour temperature of >tunable white< lamps, which meet DALI Standard IEC 62386-209 (Device Type 8). Colour temperature can then be set between 2,700 K - 6,500 K. With electronic short-circuit protection. With electronic overload protection. Brightness power-on level and background brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode. Not suitable for combining with other DALI sensors or central units of other manufacturers. DALI-voltage: 15,5 V= Rated current: max. 75 mA Power consumption: < 2,5 W Number of DALI-units: 37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111 Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point. Max. DALI-cable length: 300 m (1,5 - 2,5 mm <sup>2</sup> ). Without cover plate..3 |                 |   |
|  | <b>8161.7</b>  | 2CKA006599A3026 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate with rotatory knob for dimmer</b><br>Cover plate with rotatory knob for dimmer code: 8161.4 & 8161.5. |                 |   |
| Soft White  | <b>8560.2 BL</b>   | 2CLA856020A1101 | 5 |
| White w/o chrome  | <b>8560.2 BB</b>   | 2CLA856020A4101 | 5 |
| Silver  | <b>8560.2 PL</b>   | 2CLA856020A1301 | 5 |
| Soft Black  | <b>8560.2 NS</b>   | 2CLA856020A1501 | 5 |
| Dune  | <b>8560.2 DN</b>   | 2CLA856020A6201 | 5 |
| Taupé   | <b>8560.2 TP</b>   | 2CLA856020A6301 | 5 |
| Comodoro  | <b>8560.2 CM</b>   | 2CLA856020A1901 | 5 |
| Stainless Steel   | <b>8560.2 AI</b>   | 2CLA856020A1401 | 5 |
| Antique Gold  | <b>8560.2 OE</b>   | 2CLA856020A1201 | 5 |


### Light controls - Timer switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Time delayed switch with triac</b><br>Rated voltage: 230 Vac - 50 Hz.<br>Power:<br>- Incandescent: 40 - 500 W.<br>- Halogen with transformer: 40 - 400 VA.<br>- Motors: 40 - 100 VA.<br>2 wire connection.<br>Delay setup: 10 sec. to 10 min.<br>Overcurrent protection: with fuse.<br>Indicator LED lamp included.<br>Without fixing claws.<br>Operating temperature: 0 - 40 °C.<br>Cover plate code: 8562. |                 |          |
|   | <b>8162.1</b>   | 2CLA816210A1001 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover plate for timer switch</b><br>Cover plate for timer switch code: 8162.1. |                 |   |
| Soft White  | <b>8562 BL</b>  | 2CLA856200A1101 | 1 |
| Silver  | <b>8562 PL</b>  | 2CLA856200A1301 | 1 |
| Soft Black  | <b>8562 NS</b>  | 2CLA856200A1501 | 1 |
| Dune  | <b>8562 DN</b>  | 2CLA856200A6201 | 1 |
| Taupé   | <b>8562 TP</b>  | 2CLA856200A6301 | 1 |
| Comodoro  | <b>8562 CM</b>  | 2CLA856200A1901 | 1 |
| Stainless Steel   | <b>8562 AI</b>  | 2CLA856200A1401 | 1 |
| Antique Gold  | <b>8562 OE</b>  | 2CLA856200A1201 | 1 |


## Sky Niessen & Skymoon


### Light controls - Motion sensors


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>180° motion sensor</b><br>For automatic switching of devices dependent on motion and brightness.<br>For relay inserts 8161.<br>With integrated selector switch for ON-AUTOMATIC-OFF (lockable).<br>Surveillance density: 18 sectors with 72 switching segments.<br>Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.<br>Temperature range device: 0 °C to 35 °C.<br>Detection range: frontal: 12m, lateral: 8m.<br>Brightness limit value: from 5 lux up to daytime operation.<br>Detection angle: 180 °.<br>Mounting height: 0.8m - 1.2m. |                 |          |
| Soft White  | <b>8541.1 BL</b>   | 2CLA854110A1101 | 1        |
| Silver  | <b>8541.1 PL</b>   | 2CLA854110A1301 | 1        |
| Soft Black  | <b>8541.1 NS</b>   | 2CLA854110A1501 | 1        |
| Dune  | <b>8541.1 DN</b>   | 2CLA854110A6201 | 1        |
| Taupé   | <b>8541.1 TP</b>   | 2CLA854110A6301 | 1        |
| Comodoro  | <b>8541.1 CM</b>   | 2CLA854110A1901 | 1        |
| Stainless Steel   | <b>8541.1 AI</b>   | 2CLA854110A1401 | 1        |
| Antique Gold  | <b>8541.1 OE</b>   | 2CLA854110A1201 | 1        |

### Light controls - Programmable switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Relay switch</b><br>Rated voltage: 230 V~ ; ± 10% - 50/60 Hz.<br>3 wire connection (neutral conductor required).<br>For timer control element 8165.31. Operation also possible via conventional push buttons 8104.X.<br>Outputs: 1 Normally open contact, potential-bound.<br>Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.<br>Rated current: 10 AX. Rated power: 2300 W / VA.<br>Temperature range device: -25 °C to 55 °C.<br>Included: fixing claws. |                 |          |
|   | <b>8161</b>  | 2CLA816120A1001 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Relay switch for blinds</b><br>Rated voltage: 230 V~ ; ± 10% - 50 Hz.<br>Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off.<br>Two 230 V multi-way input terminals (Up/Down) for group control. Operating mode switch for the following modes: normal, louvre, base station, position.<br>Wind alarm, cleaning functions can be accommodated via extension input. For comfort timer control element 8165.31. Remote control with blind controls code: 8144.X.<br>Running time: 3 min.<br>Outputs: 2 Normally open contact.<br>Rated current: 3 A, cos φ0.5. Rated power: 690 VA.<br>Control/Signal outputs: 2.<br>Temperature range device: 0 °C to 35 °C.<br>Included: fixing claws. |                 |   |
|   | <b>8161.2</b>   | 2CLA816120A1001 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Timer control element</b><br>For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.<br>With dusk to dawn program including (Astro-program).<br>Individual Astro adjustment and Astro blocking time.<br>The controlled devices can be manually operated at any time.<br>Simple setting via high-resolution display with background illumination. With preset switching times/date/time.<br>Factory-set switching times can be individually adjusted.<br>Automatic switchover from summer time to winter time (switch-off function). Switching times/programme are safely stored in the event of a mains power failure. Power reserve for time and date > 10 years. Simple toggling between manual/automatic/vacation modes.<br>Freely adjustable temperature and brightness-dependent sun protection function. Freely adjustable twilight function.<br>User-adjustable running times for blinds and air conditioning.<br>Programming possible only with control element attached and energized. 6 switching times per day can be user-defined for each day of the week. Astro switching times and switching times can be combined.<br>For universal relay switch insert 8161.<br>For blind control insert 8161.2.<br>Temperature range device: 0 °C to 35 °C.<br>Cover plate code: 8565.3. |                 |   |
|   | <b>8165.31</b>   | 2CLA816530A1101 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate for timer control element</b><br>Cover plate for timer control element code: 8165.31. |                 |   |
| Soft White  | <b>8565.3 BL</b>   | 2CLA856530A1101 | 1 |
| White w/o chrome  | <b>8565.3 BB</b>   | 2CLA856530A4101 | 1 |
| Silver  | <b>8565.3 PL</b>   | 2CLA856530A1301 | 1 |
| Soft Black  | <b>8565.3 NS</b>   | 2CLA856530A1501 | 1 |
| Dune  | <b>8565.3 DN</b>   | 2CLA856530A6201 | 1 |
| Taupé   | <b>8565.3 TP</b>   | 2CLA856530A6301 | 1 |
| Comodoro  | <b>8565.3 CM</b>   | 2CLA856530A1901 | 1 |
| Stainless Steel   | <b>8565.3 AI</b>   | 2CLA856530A1401 | 1 |
| Antique Gold  | <b>8565.3 OE</b>   | 2CLA856530A1201 | 1 |


## Sky Niessen & Skymoon

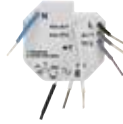
### Light controls - Wireless control


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Wireless switch transmitter - 1 channel</b><br>1-gang wall-mounted transmitter independent of mains power supply. 1 radio channel for switching, dimming, controlling blinds or 2 light scenes can be called up. For wireless actuators: 8130.4, 8130.5, 8130.7 & 8130.6. MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Rated voltage: 3 Vdc. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Control element: switch contacts top/bottom. Display elements: LED to indicate the transmission. Temperature range device: -5 °C to 45 °C. Battery included in delivery. |                 |          |
| Soft White  | <b>8531.1 BL</b>  | 2CLA853110A1101 | 1        |
| White w/o chrome  | <b>8531.1 BB</b>  | 2CLA853110A4101 | 1        |
| Silver  | <b>8531.1 PL</b>  | 2CLA853110A1301 | 1        |
| Soft Black  | <b>8531.1 NS</b>  | 2CLA853110A1501 | 1        |
| Dune  | <b>8531.1 DN</b>  | 2CLA853110A6201 | 1        |
| Taupé   | <b>8531.1 TP</b>  | 2CLA853110A6301 | 1        |
| Comodoro  | <b>8531.1 CM</b>  | 2CLA853110A1901 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Wireless switch transmitter - 2 channel</b><br>2-gang wall-mounted transmitter independent of mains power supply. 2 radio channel for switching, dimming, controlling blinds or 4 light scenes can be called up. For wireless actuators: 8130.4, 8130.5, 8130.7 & 8130.6. Send frequency: 868 MHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free. Rated voltage: 3 Vdc. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Control element: switch contacts top/bottom. Display elements: LED to indicate the transmission. Temperature range device: -5 °C to 45 °C. Battery included in delivery. |                 |          |
| Soft White  | <b>8531.2 BL</b>  | 2CLA853120A1101 | 1        |
| White w/o chrome  | <b>8531.2 BB</b>  | 2CLA853120A4101 | 1        |
| Silver  | <b>8531.2 PL</b>  | 2CLA853120A1301 | 1        |
| Soft Black  | <b>8531.2 NS</b>  | 2CLA853120A1501 | 1        |
| Dune  | <b>8531.2 DN</b>  | 2CLA853120A6201 | 1        |
| Taupé   | <b>8531.2 TP</b>  | 2CLA853120A6301 | 1        |
| Comodoro  | <b>8531.2 CM</b>  | 2CLA853120A1901 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Wireless switch actuator</b><br>Rated voltage: 230 Vac ; ± 10% - 50/60 Hz. For wireless switching of electrical loads. 2 functions: ON/OFF switch or time delayed switch. For wall mounted transmitter code: 8531.1 & 8531.2. Switch-off delay: 3 sec. / 1 min. / 5 min. / 15 min. Repeater function can be activated for extended range. For universal attachment or installation. 3 wire connection (neutral conductor required). With auxiliary input for push-buttons code: 8104.X. Send/receive frequency: 868 MHz. Free-field range: approx. 100 m. Control element: adjustable potentiometer. Display elements: status indication of output via LED. Outputs: 1x Normally Open or Normally Closed contact, 230 Vac. Rated power:<br>- Incandescent, halogen, electronic transformer and ferromagnetic transformers: 2.300 W / VA.<br>- Fluorescent load: 1.000 VA. Temperature range (device): -5 °C to 45 °C. Dimensions: (L x W x D): 47 mm. x 48 mm. x 22 mm. |                 |          |
|   | <b>8130.4</b>  | 2CLA813040A1001 | 1        |



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Wireless dimming actuator</b><br>Rated voltage: 230 Vac ; ± 10% - 50/60 Hz. For wireless switching and dimming of electrical loads. For functions ON/OFF switch and dimming. For wall mounted transmitter code: 8531.1 & 8531.2. Repeater function can be activated for extended range. For universal attachment or installation. 2-wire connection (neutral conductor not required) 3-wire connection system (neutral conductor is required) is preferred when using electronic transformers, electromagnetic transformers and energy saving lamps. With auxiliary input for push-buttons code: 8104.X. Send/receive frequency: 868 MHz. Free-field range: approx. 100 m. Control element: adjustable potentiometer. Display elements: status indication of output via LED. Outputs: 1 dimming channel, 230Vac. Rated power:<br>- Incandescent lamps: 35 - 300 W<br>- Low voltage halogen lamps, which are operated by electronic transformers: 35 - 200 VA<br>- Low voltage halogen lamps with conventional transformers: 35 - 175 VA. Temperature range device: -5 °C to 45 °C. Dimensions: (L x W x D): 47 mm x 48 mm x 33 mm. |                 |          |
|   | <b>8130.5</b>   | 2CLA813050A1001 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Wireless blind actuator</b><br>Rated voltage: 230 Vac ; ±10 % - 50/60 Hz. For wireless switching of electrical loads or controlling blinds/shutters. 2 functions: 2-gang switch or blind control. Operation also possible via conventional blind controls code 8144.X or push-buttons 8104.X. For wall mounted transmitter code: 8531.1 & 8531.2. With blind switch function: 3 minutes run time. Repeater function can be activated for extended range. For universal attachment or installation. 3 wire connection (neutral conductor required). Send/receive frequency: 868 MHz. Free-field range: approx. 100 m. Control element: adjustable potentiometer. Display elements: status indication of output via LED. Inputs: 2. Polling voltage: 230 V~, Sensing pulse, L-wire. Outputs: 2 Normally Open contact, 230 Vac. Rated power:<br>- Blind motors: 3 A, cos φ0.5.<br>- Incandescent/halogen lamps: 3 A.<br>- Fluorescent lamps: 3 AX. Temperature range device: -5 °C to 45 °C. Dimensions: (L x W x D): 47 mm. x 48 mm. x 22 mm. |                 |          |
|   | <b>8130.7</b>  | 2CLA813070A1001 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Wireless DIN-rail actuator</b><br>Rated voltage: 230 Vac ; ±10 % - 50/60 Hz. For wireless switching of electrical loads. 2 functions: ON/OFF switch or time delayed switch. For wall mounted transmitter code: 8531.1 & 8531.2. Switch-off delay:<br>3 sec. / 1 min. / 5 min. / 10 min. / 30 min. Repeater function can be activated for extended range. For DIN-rail installation. 3 wire connection (neutral conductor required). Send/receive frequency: 868 MHz. Free-field range: approx. 30 m. Control element: adjustable potentiometer. Display elements: status indication of output via LED. Outputs: 1x Normally Open or Normally Closed contact, 230 Vac. Rated power:<br>- Incandescent, halogen, electronic transformer and ferromagnetic transformers: 2.300 W / VA.<br>- Fluorescent load: 1.000 VA. Temperature range device: -5 °C to 45 °C. Dimensions: 1 module. |                 |          |
|   | <b>8130.6</b>   | 2CLA813060A1001 | 1        |


## Sky Niessen & Skymoon


### Light controls - Rotatory switch


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>4 position rotatory switch</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>4 positions.<br>4 circuits.<br>Faston terminals.<br>Without fixing claws.<br>Cover plate code: 8554. |                 |          |
|   | <b>8154</b>   | 2CLA815400A1001 | 10       |
|  | <b>Cover plate with knob for rotatory switch</b><br>Cover plate for rotatory switch code: 8154.   |                 |          |
| Soft White  | <b>8554 BL</b>  | 2CLA855400A1101 | 1        |
| White w/o chrome  | <b>8554 BB</b>  | 2CLA855400A4101 | 1        |
| Silver  | <b>8554 PL</b>  | 2CLA855400A1301 | 1        |
| Soft Black  | <b>8554 NS</b>  | 2CLA855400A1501 | 1        |
| Dune  | <b>8554 DN</b>  | 2CLA855400A6201 | 1        |
| Taupé   | <b>8554 TP</b>  | 2CLA855400A6301 | 1        |
| Comodoro  | <b>8554 CM</b>  | 2CLA855400A1901 | 1        |
| Stainless Steel   | <b>8554 AI</b>  | 2CLA855400A1401 | 1        |
| Antique Gold  | <b>8554 OE</b>  | 2CLA855400A1201 | 1        |

### Temperature controls - RTC

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Digital room thermostat</b><br>Rated voltage: 230 Vac - 50/60 Hz. Power consumption: < 1W<br>Operating temperature range: + 0 °C to 50 °C.<br>Measurement accuracy: ±2 °C (± 1 °C with calibration).<br>Resolution: 0.1 °C.<br>Control output: Potential-free relay contacts Normally Open (NO). Maximum load: 3A cos = 0,5.<br>Output relay operation modes:<br>- Hysteresis: 0.5 °C.<br>- Pulse-width modulation: with a ±4 °C difference with the set-point temperature, variable from 100% to 0% modulation.<br>Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: 8540.5. |                 |          |
|   | <b>8140.5</b>   | 2CLA814050A1001 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for digital thermostat</b><br>Cover plate for room thermostat code: 8140.5. |                 |          |
| Soft White  | <b>8540.5 BL</b>   | 2CLA854050A1101 | 5        |
| Silver  | <b>8540.5 PL</b>   | 2CLA854050A1301 | 5        |
| Soft Black  | <b>8540.5 NS</b>   | 2CLA854050A1501 | 5        |
| Dune  | <b>8540.5 DN</b>   | 2CLA853110A6201 | 5        |
| Taupé   | <b>8540.5 TP</b>   | 2CLA853110A6301 | 5        |
| Comodoro  | <b>8540.5 CM</b>   | 2CLA853110A1901 | 5        |
| Stainless Steel   | <b>8540.5 AI</b>   | 2CLA854050A1401 | 1        |
| Antique Gold  | <b>8540.5 OE</b>   | 2CLA854050A1201 | 1        |

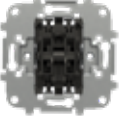
| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rotatory room thermostat with floor sensor</b><br>Rated voltage: 230 Vac ; ±10 % - 50/60 Hz.<br>Load power: 2.300 W. Load type: floor heating resistor.<br>Control temperature: +5 °C to +45 °C (Set point).<br>OFF state: At OFF position, the thermostat is off, so that it does not address the temperature measured by the floor temperature probe. The relay output contact is open.<br>Temperature accuracy: 0,5 °C. Hysteresis: 0,5 °C.<br>Floor temperature sensor: NTC, 10KΩ at 25°C, -40°C to 80°C. Double isolated cable, 4m length.<br>LED light indication: Red and green.<br>Ambient temperature: -20 °C to 45 °C.<br>Without fixing claws. Cover plate code: 8540.9. |                 |          |
|   | <b>8140.9</b>  | 2CLA814090A1001 | 1        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate with rotatory knob for RTC</b><br>Cover plate for room thermostat code: 8140.9. |                 |          |
| Soft White  | <b>8540.9 BL</b>   | 2CLA854090A1101 | 5        |
| Silver  | <b>8540.9 PL</b>   | 2CLA854090A1301 | 5        |
| Soft Black  | <b>8540.9 NS</b>   | 2CLA854090A1501 | 5        |
| Dune  | <b>8540.9 DN</b>   | 2CLA853110A6201 | 1        |
| Taupé   | <b>8540.9 TP</b>   | 2CLA853110A6301 | 1        |
| Comodoro  | <b>8540.9 CM</b>   | 2CLA853110A1901 | 1        |
| Stainless Steel   | <b>8540.9 AI</b>   | 2CLA854090A1401 | 5        |
| Antique Gold  | <b>8540.9 OE</b>   | 2CLA854090A1201 | 5        |




## Sky Niessen & Skymoon


### Signaling and lighting systems

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>DND/MUR 2-gang switch</b><br>Rated voltage: 250 Vac<br>Rated current: 10A.<br>Installation inside the room.<br>Gang 1: Do Not Disturb (DND) red symbol and indicator LED lamp (rocker).<br>Gang 2: Make Up Room (MUR) green symbol and indicator LED lamp (rocker).<br>To be combined with rocker reference 8544.4. |                 |          |
|   | <b>8144.4</b>  | 2CLA814440A1001 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Bell push-button with DND/MUR LED indicator</b><br>Rated voltage: 250 Vac<br>RRated voltage: 250 Vac<br>Rated current: 10A<br>Installation outside the room.<br>Red Do Not Disturb (DND) and green Make Up Room (MUR) LED signaling included.<br>Push-button with bell symbol.<br>To be combined with cover 8580.4. |                 |   |
|   | <b>8180.4</b>  | 2CLA818040A1001 | 1 |


|   |   |  |  |
|---|---|--|--|
|  | <b>Cover plate for DND/MUR 2-gang switch 8144.4</b><br>Gang 1: Do Not Disturb (DND) red symbol and indicator LED lamp (rocker).<br>Gang 2: Make Up Room (MUR) green symbol and indicator LED lamp (rocker). |  |  |
|---|---|--|--|


|                  |                  |                 |   |
|------------------|------------------|-----------------|---|
| Soft White       | <b>8544.4 BL</b> | 2CLA854440A1101 | 5 |
| White w/o chrome | <b>8544.4 BB</b> | 2CLA854440A4101 | 5 |
| Silver           | <b>8544.4 PL</b> | 2CLA854440A1301 | 5 |
| Soft Black       | <b>8544.4 NS</b> | 2CLA854440A1501 | 5 |
| Dune             | <b>8544.4 DN</b> | 2CLA854440A6201 | 5 |
| Taupé            | <b>8544.4 TP</b> | 2CLA854440A6301 | 5 |
| Comodoro         | <b>8544.4 CM</b> | 2CLA854440A1901 | 5 |
| Stainless Steel  | <b>8544.4 AI</b> | 2CLA854440A1401 | 5 |
| Antique Gold     | <b>8544.4 OE</b> | 2CLA854440A1201 | 5 |

|   |  |  |  |
|---|--|--|--|
|  | <b>Cover plate for bell push-button with DND/MUR LED indicator 8180.4</b><br>Red LED Do Not Disturb (DND) on the left and green LED Make Up Room (MUR) on the right.<br>Bell symbol. |  |  |
|---|--|--|--|

|                  |                  |                 |   |
|------------------|------------------|-----------------|---|
| Soft White       | <b>8580.4 BL</b> | 2CLA858040A1101 | 5 |
| White w/o chrome | <b>8580.4 BB</b> | 2CLA858040A4101 | 5 |
| Silver           | <b>8580.4 PL</b> | 2CLA858040A1301 | 5 |
| Soft Black       | <b>8580.4 NS</b> | 2CLA858040A1501 | 5 |
| Dune             | <b>8580.4 DN</b> | 2CLA858040A6201 | 5 |
| Taupé            | <b>8580.4 TP</b> | 2CLA858040A6301 | 5 |
| Comodoro         | <b>8580.4 CM</b> | 2CLA858040A1901 | 5 |
| Stainless Steel  | <b>8580.4 AI</b> | 2CLA858040A1401 | 5 |
| Antique Gold     | <b>8580.4 OE</b> | 2CLA858040A1201 | 5 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>LED signaling light</b><br>Rated voltage: 127-230 Vac / 50-60 Hz<br>Lamp: white LED<br>Luminous flux: > 2 lumen at 1 meter<br>White diffuser<br>Without fixing claws<br>Cover plate code: 8581 without pictogram or 8581.XX with pictogram. |                 |          |
|   | <b>8180.1</b>  | 2CLA818010A1001 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>LED DND/MUR signaling light</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: red/green LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>White diffuser.<br>Without fixing claws.<br>Cover plate code: 8581 without pictogram or 8581.XX with pictogram. |                 |   |
|   | <b>8180.2</b>   | 2CLA818020A1001 | 1 |

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Beacon LED light</b><br>Rated voltage: 230 Vac / 50 Hz.<br>Lamp: white LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>White diffuser.<br>Autonomy: 3 hours (1 hour at maximum illumination 2 hours with lower illumination).<br>Battery: Ni-MH (estimated lifetime: 4 years).<br>Without fixing claws.<br>Cover plate code: 8581 without pictogram or 8581.XX with pictogram. |                 |   |
|  | <b>8181.2</b>   | 2CLA818120A1001 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover for signaling light white</b><br>Cover for signaling light with white diffuser for LED lights code: 8180.1, 8180.2 & 8181.2. |                 |   |
|   | <b>8581 BL</b>  | 2CLA858100A1101 | 5 |









|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover for signaling light red</b><br>Cover for signaling light with red diffuser for LED lights code: 8180.1, 8180.2 & 8181.3. |                 |   |
|   | <b>8581 RJ</b>  | 2CLA858100A1301 | 5 |




|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover for signaling light green</b><br>Cover for signaling light with green diffuser for LED lights code: 8180.1, 8180.2 & 8181.4. |                 |   |
|   | <b>8581 VD</b>  | 2CLA858100A1401 | 5 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover for signaling light "WC" symbol</b><br>Cover for signaling light with white diffuser and "WC" symbol for LED lights code: 8180.1, 8180.2 & 8181.5. |                 |   |
|   | <b>8581.10</b>  | 2CLA858110A1001 | 5 |


## Sky Niessen & Skymoon

### Signaling and lighting systems

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cover for signaling light "WC men" symbol</b><br>Cover for signaling light with white diffuser and "WC men" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.         |                 |          |
|   | <b>8581.11</b>  | 2CLA858110A1101 | 5        |
|    | <b>Cover for signaling light "WC women" symbol</b><br>Cover for signaling light with white diffuser and "WC woman" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.     |                 |          |
|   | <b>8581.12</b>  | 2CLA858110A1201 | 5        |
|    | <b>Cover for signaling light "WC handic." symbol</b><br>Cover for signaling light with white diffuser and "WC handic." symbol for LED lights code: 8180.1, 8180.2 & 8181.5. |                 |          |
|   | <b>8581.13</b>  | 2CLA858110A1301 | 5        |
|  | <b>Cover for signaling light "No smoking" symbol</b><br>Cover for signaling light with white diffuser and "No smoking" symbol for LED lights code: 8180.1, 8180.2 & 8181.5. |                 |          |
|   | <b>8581.14</b>  | 2CLA858110A1401 | 5        |
|  | <b>Cover for signaling light "No phone" symbol</b><br>Cover for signaling light with white diffuser and "No phone" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.     |                 |          |
|   | <b>8581.15</b>  | 2CLA858110A1501 | 5        |
|  | <b>Cover for signaling light "Silence" symbol</b><br>Cover for signaling light with white diffuser and "Silence" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.       |                 |          |
|   | <b>8581.16</b>  | 2CLA858110A1601 | 5        |
|  | <b>Cover for signaling light "Silence" symbol</b><br>Cover for signaling light with white diffuser and "Silence" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.       |                 |          |
|   | <b>8581.17</b>  | 2CLA858110A1701 | 5        |
|  | <b>Cover for signaling light "No entry" symbol</b><br>Cover for signaling light with white diffuser and "No entry" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.     |                 |          |
|   | <b>8581.18</b>  | 2CLA858110A1801 | 5        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover for signaling light "Elevator" symbol</b><br>Cover for signaling light with white diffuser and "Elevator" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.     |                 |          |
|   | <b>8581.19</b>  | 2CLA858110A1901 | 5        |
|  | <b>Cover for signaling light "Exit" symbol</b><br>Cover for signaling light with white diffuser and "Exit" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.             |                 |          |
|   | <b>8581.20</b>  | 2CLA858120A1001 | 5        |
|  | <b>Cover for signaling light "Info point" symbol</b><br>Cover for signaling light with white diffuser and "Info point" symbol for LED lights code: 8180.1, 8180.2 & 8181.5. |                 |          |
|   | <b>8581.21</b>  | 2CLA858120A1101 | 5        |


### Buzzer / Door bell


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Buzzer</b><br>Rated voltage: 127 - 230 Vac / 50 - 60 Hz.<br>Rated power: 8 VA.<br>Adjustable tone.<br>Acoustic power at 1 meter with cover plate: 75 dB.<br>Without fixing claws.<br>Cover plate code: 8529.      |                 |          |
|   | <b>8119</b>  | 2CLA811900A1001 | 10       |
|  | <b>Electronic door bell with 4 melodies</b><br>Rated voltage: 230 Vac / 50-60 Hz.<br>4 melodies available.<br>Acoustic power at 1 meter with cover plate: 72 dB.<br>Without fixing claws.<br>Cover plate code: 8529. |                 |          |
|   | <b>8124.2</b>  | 2CLA812420A1001 | 1        |
|  | <b>Cover plate for buzzer/door bell</b><br>Cover plate for buzzer / door bell code: 8119 & 8124.2.   |                 |          |
| Soft White  | <b>8529 BL</b>   | 2CLA852900A1101 | 5        |
| White w/o chrome  | <b>8529 BB</b>   | 2CLA852900A4101 | 5        |
| Silver  | <b>8529 PL</b>   | 2CLA852900A1301 | 5        |
| Soft Black  | <b>8529 NS</b>   | 2CLA852900A1501 | 5        |
| Dune  | <b>8529 DN</b>   | 2CLA852900A6201 | 5        |
| Taupé   | <b>8529 TP</b>   | 2CLA852900A6301 | 5        |
| Comodoro  | <b>8529 CM</b>   | 2CLA852900A1901 | 5        |
| Stainless Steel   | <b>8529 AI</b>   | 2CLA852900A1401 | 5        |
| Antique Gold  | <b>8529 OE</b>   | 2CLA852900A1201 | 5        |

## Sky Niessen & Skymoon


### Blank covers / Cable outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blank cover plate</b><br>Included: mounting grid and cover plate.<br>Without fixing claws. |                 |          |
| Soft White  | <b>8500 BL</b>  | 2CLA850000A1101 | 10       |
| White w/o chrome  | <b>8500 BB</b>  | 2CLA850000A4101 | 10       |
| Silver  | <b>8500 PL</b>  | 2CLA850000A1301 | 10       |
| Soft Black  | <b>8500 NS</b>  | 2CLA850000A1501 | 10       |
| Dune  | <b>8500 DN</b>  | 2CLA850000A6201 | 10       |
| Taupé   | <b>8500 TP</b>  | 2CLA850000A6301 | 10       |
| Comodoro  | <b>8500 CM</b>  | 2CLA850000A1901 | 10       |
| Stainless Steel   | <b>8500 AI</b>  | 2CLA850000A1401 | 10       |
| Antique Gold  | <b>8500 OE</b>  | 2CLA850000A1201 | 10       |
| White Glass   | <b>8500 CB</b>  | 2CLA850000A2101 | 5        |
| Black Glass   | <b>8500 CN</b>  | 2CLA850000A2501 | 5        |

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Cable outlet</b><br>3 connection screw terminals up to 2,5 mm <sup>2</sup> .<br>Cable tie included.<br>Included: fixing claws.<br>Cover plate code: 8507. |                 |    |
|  | <b>8107</b>  | 2CLA810700A1001 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cover plate for cable outlet</b><br>Cover plate for cable outlet code: 8107. |                 |    |
| Soft White  | <b>8507 BL</b>  | 2CLA850700A1101 | 10 |
| White w/o chrome  | <b>8507 BB</b>  | 2CLA850700A4101 | 10 |
| Silver  | <b>8507 PL</b>  | 2CLA850700A1301 | 10 |
| Soft Black  | <b>8507 NS</b>  | 2CLA850700A1501 | 10 |
| Dune  | <b>8507 DN</b>  | 2CLA850700A6201 | 10 |
| Taupé   | <b>8507 TP</b>  | 2CLA850700A6301 | 10 |
| Comodoro  | <b>8507 CM</b>  | 2CLA850700A1901 | 10 |
| Stainless Steel   | <b>8507 AI</b>  | 2CLA850700A1401 | 10 |
| Antique Gold  | <b>8507 OE</b>  | 2CLA850700A1201 | 10 |


### Multiroom Bluetooth system


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Multiroom sound module</b><br>Rated voltage: 127-230 Vac ± 15%; 50-60 Hz.<br>Max. consumption: 200 mA.<br>Stand-by consumption: 0,3W.<br>Amplifier power: 6+6 W; <1% distortion (4 Ω).<br>Speaker impedance: 4 Ω (2+2 W audio).<br>FM radio digital tuner with RDS.<br>Alarm clock with buzzer, radio types and snooze function.<br>Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1.<br>Multiroom function available (1 master device and up to 14 slave devices).<br>Remote control using code 9368.2 (ZigBee 2.4GHz IEEE 802.15.4).<br>Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output) and USB connection functions. |                 |          |
|   | <b>9368.1</b>   | 2CLA936810A1001 | 1        |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Remote control for multiroom sound module - 2M</b><br>Rated voltage: 127-230 Vac ± 15%; 50-60 Hz.<br>Max. consumption: 15 mA.<br>Stand-by consumption: 0,5W.<br>To control 9368.1 module (1 remote control for each module).<br>Wireless connection between moles 9368.1 and 9368.2 (ZigBee 2.4GHz IEEE 802.15.4).<br>Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output) and USB connection functions. In case of using 9368.3 module, the connection between modules 9368.1 and 9368.2 must be wired (3 wires).<br>Mounting grid delivered with the cover plate (without fixing claws).<br>Cover plate code: 8568. |                 |   |
|  | <b>9368.2</b>  | 2CLA936820A1001 | 1 |

## Sky Niessen & Skymoon - Sound system


### FM radio with alarm


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>FM-radio and alarm module - 2M</b><br>Rated voltage: 230 Vac ± 15%; 50-60 Hz.<br>Max. consumption: 100 mA.<br>Stand-by consumption: 0,2W.<br>Amplifier power: 2+2 W; <1% distortion (16 Ω).<br>Speaker impedance: 16 Ω (2+2 W audio).<br>FM radio digital tuner with RDS.<br>Alarm clock with buzzer, radio types and snooze function.<br>Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output), USB connection and Bluetooth receiver functions.<br>Mounting grid delivered with the cover plate (without fixing claws).<br>Cover plate code: 8568. |                 |          |
|   | <b>9368</b>  | 2CLA936800A1001 | 1        |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>FM-radio and alarm module - 2M</b><br>Rated voltage: 127 Vac ± 15%; 50-60 Hz.<br>Max. consumption: 100 mA.<br>Stand-by consumption: 0,2W.<br>Amplifier power: 2+2 W; <1% distortion (16 Ω).<br>Speaker impedance: 16 Ω (2+2 W audio).<br>FM radio digital tuner with RDS.<br>Alarm clock with buzzer, radio types and snooze function.<br>Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output), USB connection and Bluetooth receiver functions.<br>Mounting grid delivered with the cover plate (without fixing claws).<br>Cover plate code: 8568. |                 |   |
|  | <b>9368.7</b>  | 2CLA936870A1001 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate for radio/remote control modules</b><br>Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7.<br>Included: cover plate and mounting grid.<br>Without fixing claws. |                 |   |
| Soft White  | <b>8568 BL</b>   | 2CLA856800A1101 | 1 |
| White w/o chrome  | <b>8568 BB</b>   | 2CLA856800A4101 | 1 |
| Silver  | <b>8568 PL</b>   | 2CLA856800A1301 | 1 |
| Soft Black  | <b>8568 NS</b>   | 2CLA856800A1501 | 1 |
| Dune  | <b>8568 DN</b>   | 2CLA856800A6201 | 1 |
| Taupé   | <b>8568 TP</b>   | 2CLA856800A6301 | 1 |
| Comodoro  | <b>8568 CM</b>   | 2CLA856800A1901 | 1 |
| Stainless Steel   | <b>8568 AI</b>   | 2CLA856800A1401 | 1 |
| Antique Gold  | <b>8568 OE</b>   | 2CLA856800A1201 | 1 |


### Auxiliary module


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Auxiliary module - 2M</b><br>Power supply through 9368, 9368.2 or 9368.7 modules.<br>Max. consumption: 200 mA.<br>Stand-by consumption: 0,4W.<br>Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1.<br>USB connector: for MP3 and WAV files. Max. consumption of the connected device: 100 mA @5Vdc.<br>Input: 1x mini-jack stereo 3,5mm.<br>Output: 1x mini-jack stereo 3,5mm.<br>Mounting grid delivered with the cover plate (without fixing claws).<br>Cover plate code: N2268.3. |                 |          |
|   | <b>9368.3</b>   | 2CLA936830A1001 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate for I/O + USB + Bluetooth module</b><br>Cover plate for I/O + USB + Bluetooth module code: 9368.3.<br>Included: cover plate and mounting grid.<br>Without fixing claws. |                 |   |
| Soft White  | <b>8568.3 BL</b>   | 2CLA856830A1101 | 1 |
| White w/o chrome  | <b>8568.3 BB</b>   | 2CLA856830A4101 | 1 |
| Silver  | <b>8568.3 PL</b>   | 2CLA856830A1301 | 1 |
| Soft Black  | <b>8568.3 NS</b>   | 2CLA856830A1501 | 1 |
| Dune  | <b>8568.3 DN</b>   | 2CLA856830A6201 | 1 |
| Taupé   | <b>8568.3 TP</b>   | 2CLA856830A6301 | 1 |
| Comodoro  | <b>8568.3 CM</b>   | 2CLA856830A1901 | 1 |
| Stainless Steel   | <b>8568.3 AI</b>   | 2CLA856830A1401 | 1 |
| Antique Gold  | <b>8568.3 OE</b>   | 2CLA856830A1201 | 1 |


## Sky Niessen & Skymoon - Sound system

### 2" loudspeaker for wall


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>2" loudspeaker 2 W</b><br>Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.7 and 9335.1.<br>With broadband characteristics.<br>With screwless terminals.<br>Rated output: 2 W (RMS).<br>Frequency response: 150 - 16.000 Hz.<br>Impedance: 16 Ohm.<br>Mounting depth: 34 mm.<br>Without fixing claws.<br>Cover plate code: 8529, 8629 & 9399.4. |                 |          |
|   | <b>9329</b>  | 2CLA932900A1001 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for 2" loudspeaker</b><br>Cover plate for 2" loudspeaker code: 9329. |                 |          |
| Soft White  | <b>8529 BL</b>  | 2CLA852900A1101 | 5        |
| White w/o chrome  | <b>8529 BB</b>  | 2CLA852900A4101 | 5        |
| Silver  | <b>8529 PL</b>  | 2CLA852900A1301 | 5        |
| Soft Black  | <b>8529 NS</b>  | 2CLA852900A1501 | 5        |
| Dune  | <b>8529 DN</b>  | 2CLA852900A6201 | 5        |
| Taupé   | <b>8529 TP</b>  | 2CLA852900A6301 | 5        |
| Comodoro  | <b>8529 CM</b>  | 2CLA852900A1901 | 5        |
| Stainless Steel   | <b>8529 AI</b>  | 2CLA852900A1401 | 5        |
| Antique Gold  | <b>8529 OE</b>  | 2CLA852900A1201 | 5        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for 2" loudspeaker</b><br>Cover plate for 2" loudspeaker code: 9329. |                 |          |
| Chrome  | <b>8629 CR</b>  | 2CLA862900A1401 | 5        |
| Black Glass   | <b>8629 CN</b>  | 2CLA862900A1501 | 5        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Embellishing grid for 2" loudspeaker</b><br>Embellishing grid for 2" loudspeaker code: 9329.<br>Plastic material. |                 |          |
| White   | <b>9399.4 BA</b>   | 2CLA939940A1001 | 5        |
| Black   | <b>9399.4 NG</b>   | 2CLA939940A1501 | 5        |

### 5" loudspeaker for ceiling


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>5" loudspeaker 6 W</b><br>Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.7 and 9335.1.<br>With broadband characteristics.<br>With screw terminals.<br>Rated output: 6 W (RMS).<br>Frequency response: 70 - 10.000 Hz.<br>Impedance: 16 Ohm.<br>Flush mounted installation with 9399 mounting box or 9399.1 mounting ring.<br>Embellishing grid code: 9399.2. |                 |          |
|   | <b>9329.1</b>   | 2CLA932910A1001 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Installation box for 5" loudspeaker</b><br>For 9329.1 loudspeaker.<br>For flush-mounted assembly.<br>Drilling measurements: 174 mm.<br>Mounting depth: 84 mm. |                 |          |
|   | <b>9399</b>  | 2CLA939900A1001 | 12       |

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>Installation ring for 5" loudspeaker</b><br>For 9329.1 loudspeaker.<br>For mounting in hollow walls/ceilings.<br>With spring brackets.<br>Drilling measurements: 160 mm.<br>Mounting depth: 110 mm. |                 |          |
|  | <b>9399.1</b>  | 2CLA939910A1001 | 12       |




| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Embellishing grid for 5" loudspeaker</b><br>Embellishing grid for 5" loudspeaker code: 9329.1.<br>Plastic material.<br>With central fixation screw. |                 |          |
|   | <b>9399.2</b>  | 2CLA939920A1001 | 12       |

### Auxiliary amplifier

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Auxiliary 20W amplifier</b><br>Rated voltage: 230 Vac $\pm$ 10% / 50-60 Hz.<br>Power consumption: 3,5 VA (max. 36 VA).<br>Output voltage: 15 V- (max. 1,5 A).<br>Output power:<br>- 10 + 10 W (2 $\Omega$ ).<br>- 20 W (4 $\Omega$ ).<br>Speaker impedance:<br>- 2 - 16 $\Omega$ (10 + 10 W).<br>- 4 - 16 $\Omega$ (20 W).<br>Can be operated in booster mode with FM radio modules 9368 and 9368.7 and multiroom modules 9368.1.<br>Can be operated in "standalone" mode with one audio input.<br>Can be used in bridge operation.<br>For extending the number of speakers at one amplifier insert.<br>For max. 16 speakers code 9329 or 9329.1.<br>DIN-rail installation. Module width: 7. |                 |          |
|   | <b>9335.1</b>   | 2CLA933510A1001 | 1        |

## Sky Niessen & Skymoon - Sound system

### Potentiometers


| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>Potentiometer for loudspeakers 3W</b><br>Wire-wound potentiometer.<br>3 W / 27 Ω.<br>For low impedance circuits.<br>Without fixing claws.<br>Cover plate code: 8559. |                 |          |
|  | <b>8159.3</b>   | 2CLA815930A1001 | 1        |
|   | <b>Potentiometer for loudspeakers 5W</b><br>Wire-wound potentiometer.<br>5 W / 47 Ω.<br>For low impedance circuits.<br>Without fixing claws.<br>Cover plate code: 8559. |                 |          |
|  | <b>8159.5</b>   | 2CLA815950A1001 | 1        |
|  | <b>Cover plate with rotatory knob for potentiometer</b><br>Cover plate with rotatory knob for potentiometer:<br>8159.3 & 8159.5.  |                 |          |
| Soft White   | <b>8559 BL</b>  | 2CLA855900A1101 | 1        |
| White w/o chrome   | <b>8559 BB</b>  | 2CLA855900A4101 | 1        |
| Silver   | <b>8559 PL</b>  | 2CLA855900A1301 | 1        |
| Soft Black   | <b>8559 NS</b>  | 2CLA855900A1501 | 1        |
| Dune   | <b>8559 DN</b>  | 2CLA855900A6201 | 1        |
| Taupé  | <b>8559 TP</b>  | 2CLA855900A6301 | 1        |
| Comodoro   | <b>8559 CM</b>  | 2CLA855900A1901 | 1        |
| Stainless Steel  | <b>8559 AI</b>  | 2CLA855900A1401 | 1        |
| Antique Gold   | <b>8559 OE</b>  | 2CLA855900A1201 | 1        |

### Connection units



| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Speaker connection unit</b><br>Front: 2x spring speaker terminals (Red/Black).<br>Rear: 2x screw terminals.<br>Without fixing claws.<br>Cover plate code: 8557.1. |                 |          |
|   | <b>8157.1</b>  | 2CLA815710A1101 | 1        |
|  | <b>Cover plate for speaker connection unit</b><br>Cover plate for speaker connection unit code: 8157.1.  |                 |          |
| Soft White  | <b>8557.1 BL</b>   | 2CLA855710A1101 | 1        |
| Silver  | <b>8557.1 PL</b>   | 2CLA855710A1301 | 1        |
| Soft Black  | <b>8557.1 NS</b>   | 2CLA855710A1501 | 1        |
| Dune  | <b>8557.1 DN</b>   | 2CLA855710A6201 | 1        |
| Taupé   | <b>8557.1 TP</b>   | 2CLA855710A6301 | 1        |
| Comodoro  | <b>8557.1 CM</b>   | 2CLA855710A1901 | 1        |
| Stainless Steel   | <b>8557.1 AI</b>   | 2CLA855710A1401 | 1        |
| Antique Gold  | <b>8557.1 OE</b>   | 2CLA855710A1201 | 1        |

## Sky Niessen & Skymoon - Free@home - Home automation





### Sensors

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>free@home Sensor unit - 1-gang</b><br>For sending switching, dimming and blind commands to an ABB-free@home® actuator.<br>Control element: Switch contacts top/ bottom.<br>Display elements: LED as light for orientation or display of switching state.<br>Mounting depth: 9 mm.<br>To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.   |                 |          |
|   | <b>SU-F-1.0.1</b>   | 2CKA006220A0117 | 1        |
|  | <b>free@home Sensor unit - 2-gang</b><br>For sending switching, dimming and blind commands to an ABB-free@home® actuator.<br>Control element: Switch contacts top/ bottom.<br>Display elements: LED as light for orientation or display of switching state.<br>Mounting depth: 9 mm.<br>To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates. |                 |          |
|   | <b>SU-F-2.0.1</b>   | 2CKA006220A0118 | 1        |

### Sensor & switch actuators


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>free@home Sensor/Switch actuator - 1/1-gang</b><br>For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured.<br>Outputs: 1× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2300 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Mounting depth: 32 mm.<br>To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.  |                 |          |
|   | <b>SSA-F-1.1.1</b>   | 2CKA006220A0123 | 1        |
|  | <b>free@home Sensor/Switch actuator - 2/1-gang</b><br>For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured.<br>Outputs: 1× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2300 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Mounting depth: 32 mm.<br>To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates.  |                 |          |
|   | <b>SSA-F-2.1.1</b>   | 2CKA006220A0124 | 1        |
|  | <b>free@home Sensor/Switch actuator - 2/2-gang</b><br>For switching 230 V~ devices. With 2 integrated switch actuator. Switching function is available pre-configured.<br>Outputs: 2× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2 x 1200 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Mounting depth: 32 mm.<br>To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates.<br>Mounting depth: 32 mm.<br>To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates. |                 |          |
|   | <b>SSA-F-2.2.1</b>   | 2CKA006220A0125 | 1        |

### Sensor & dimmer actuators


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>free@home sensor/Dimmer actuator - 1/1-gang</b><br>For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured.<br>Outputs: 1× dimming channel.<br>Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.<br>Rated power: 10–180 W / VA.<br>Suitable for: LEDi and energy-saving bulbs.<br>Rated power: 2–80 W / VA.<br>Mounting depth: 32 mm.<br>To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.  |                 |          |
|   | <b>SDA-F-1.1.1</b>  | 2CKA006220A0126 | 1        |
|    | <b>free@home Sensor/Dimmer actuator - 2/1-gang</b><br>For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured<br>Outputs: 1× dimming channel.<br>Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.<br>Rated power: 10–180 W / VA.<br>Suitable for: LEDi and energy-saving bulbs.<br>Rated power: 2–80 W / VA.<br>Mounting depth: 32 mm.<br>To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates. |                 |          |
|   | <b>SDA-F-2.1.1</b>  | 2CKA006220A0127 | 1        |
|   |   |                 |          |
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|  | <b>free@home Sensor/Blind actuator - 1/1-gang</b><br>For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured.<br>Outputs: 1× Change-over contacts/normally open contact, potential-bound.<br>Rated power: 920 VA.<br>Rated current: 4 A.<br>Suitable for: Operating mode blind.<br>Mounting depth: 32 mm.<br>To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.  |                 |          |
|   | <b>SBA-F-1.1.1</b>  | 2CKA006220A0128 | 1        |
|  | <b>free@home Sensor/Blind actuator - 2/1-gang</b><br>For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured.<br>Outputs: 1× Change-over contacts/normally open contact, potential-bound.<br>Rated power: 920 VA.<br>Rated current: 4 A.<br>Suitable for: Operating mode blind.<br>Mounting depth: 32 mm.<br>To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates.  |                 |          |
|   | <b>SBA-F-2.1.1</b>  | 2CKA006220A0129 | 1        |

## Sky Niessen & Skymoon - Free@home - Home automation


### Room temperature controller


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>free@home Room temperature controller</b><br>Control element with room temperature control function for controlling commercially available actuating drives or analogue actuating drives (continuous controllers), as well as fan coils. With display of setvalue temperature. Display elements: LCD Display showing operation modes. Mounting depth: 14 mm.<br>To be installed with CP-RTC-85 cover plates for RTC or CP-RTC-FC-85 cover plates for fan coil control. |                 |          |
|   | <b>RTC-F-1</b>  | 2CKA006220A0122 | 1        |


### Wireless sensors


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>free@home Sensor unit - 1-gang - Wireless</b><br>Rated voltage: 230 Vac - 50/60Hz.<br>For transmitting switching, push-button, dimming and blind commands to an ABB-free@home® actuator. Wireless communication with the free@home system. With fixing claws.<br>Control element: switch contacts top/bottom.<br>Display elements: LED as light for orientation or display of the switching state.<br>Temperature range device: -5 °C to 45 °C.<br>Mounting depth: 32 mm.<br>To be installed with SR-1-85 cover plates. |                 |          |
|   | <b>SR-F-1.0.1-WL</b>   | 2CKA006200A0072 | 1        |

### Motion sensor & actuators

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>free@home 180° motion sensor</b><br>With select lens for detection with animal access. For automatic switching of ABB-free@home® actuators dependent on movement and brightness.<br>To be used with.<br>Detection range: frontal 6m, lateral 3m.<br>Detection angle: 180°.<br>Brightness limit value: 1 – 500 lux.<br>Protection class of device: IP 20.<br>Mounting depth: 14.1mm.<br>To be installed with CP-MD-85 cover plates (mounting grid without claws included). |                 |          |
|  | <b>MD-F-1.0.PB.1</b>   | 2CKA006220A0229 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>free@home Sensor unit - 2-gang - Wireless</b><br>Rated voltage: 230 Vac - 50/60Hz.<br>For transmitting switching, push-button, dimming and blind commands to an ABB-free@home® actuator. Wireless communication with the free@home system. With fixing claws.<br>Control element: switch contacts top/bottom.<br>Display elements: LED as light for orientation or display of the switching state.<br>Temperature range device: -5 °C to 45 °C.<br>Mounting depth: 32 mm.<br>To be installed with SR-2-85 cover plates. |                 |          |
|   | <b>SR-F-2.0.1-WL</b>   | 2CKA006200A0073 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>free@home 180° motion sensor/actuator</b><br>With select lens for detection with animal access. Including an integrated actuator for switching 230 V~ devices.<br>Outputs: 1x normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2300 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Detection range: frontal 6m, lateral 3m.<br>Detection angle: 180°.<br>Brightness limit value: 1 – 500 lux.<br>Protection class of device: IP 20.<br>Mounting depth: 31.5 mm.<br>To be installed with CP-MD-85 cover plates (mounting grid without claws included). |                 |          |
|   | <b>MSA-F.1.1.PB.1</b>   | 2CKA006220A0231 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>free@home Sensor/Switch actuator - 1/1-gang - Wireless</b><br>Rated voltage: 230 Vac - 50/60Hz.<br>For switching 230 V~ consumers.<br>Wireless communication with the free@home system. With integrated switch actuator. Switching function is available also without prior programming (pre-configured).<br>Configuration can be changed later via the web interface (groups, scenes, etc.).<br>3 wire connection (neutral conductor required).<br>With 230 V extension unit input (On/Off).<br>With fixing claws.<br>Control element: switch contacts top/bottom.<br>Display elements: LED as light for orientation or display of the switching state.<br>Outputs: 1 Normally Open contact, potential-bound (output voltage: 230 Vac)<br>Suitable for: ohmic.<br>Rated current / power: 10 A / 2300 W.<br>Suitable for: capacitive.<br>Rated current / power: 10 AX / 2300 VA.<br>Suitable for: inductive.<br>Rated current / power: 10 A / 2300 VA.<br>Temperature range device: -5 °C to 45 °C.<br>Mounting depth: 32 mm.<br>To be installed with SR-1-85 cover plates. |                 |          |
|   | <b>SSA-F-1.1.1-WL</b>  | 2CKA006200A0074 | 1        |




## Sky Niessen & Skymoon - Free@home - Home automation


### Wireless sensor & switch actuators

| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>free@home Sensor/Switch actuator - 2/1-gang - Wireless</b><br/>           Rated voltage: 230 Vac - 50/60Hz.<br/>           For switching 230 V~ consumers.<br/>           Wireless communication with the free@home system.<br/>           With integrated switch actuator. Switching function is available also without prior programming (pre-configured).<br/>           Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.).<br/>           3 wire connection (neutral conductor required).<br/>           With 230 V extension unit input (On/Off).<br/>           With fixing claws.<br/>           Control element: switch contacts top/bottom.<br/>           Display elements: LED as light for orientation or display of the switching state.<br/>           Outputs: 1 Normally Open contact, potential-bound (output voltage: 230 Vac).<br/>           Suitable for: ohmic.<br/>           Rated current / power: 10 A / 2300 W.<br/>           Suitable for: capacitive.<br/>           Rated current / power: 10 AX / 2300 VA.<br/>           Suitable for: inductive.<br/>           Rated current / power: 10 A / 2300 VA.<br/>           Temperature range device: -5 °C to 45 °C.<br/>           Mounting depth: 32 mm.<br/>           To be installed with SR-2-85 cover plates.</p> | <b>SSA-F-2.1.1-WL</b> | 2CKA006200A0075 | 1        |

|   |                       |                 |   |
|---|-----------------------|-----------------|---|
|  <p><b>free@home Sensor/Switch actuator - 2/2-gang - Wireless</b><br/>           Rated voltage: 230 Vac - 50/60Hz.<br/>           For switching 230 V~ consumers.<br/>           Wireless communication with the free@home system.<br/>           With integrated 2-gang switch actuator. Switching function is available also without prior programming (pre-configured).<br/>           Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.).<br/>           3 wire connection (neutral conductor required).<br/>           With two 230 V extension unit inputs (On/Off).<br/>           With fixing claws.<br/>           Control element: switch contacts top/bottom<br/>           Display elements: LED as light for orientation or display of the switching state.<br/>           Outputs: 2 Normally Open contacts, potential-bound (output voltage: 230 Vac).<br/>           Suitable for: ohmic.<br/>           Rated current / power: 5 A / 1200 W.<br/>           Suitable for: capacitive.<br/>           Rated power: 920 VA.<br/>           Suitable for: inductive.<br/>           Rated power: 800 VA.<br/>           Temperature range device: -5 °C to 45 °C.<br/>           Mounting depth: 32 mm.<br/>           To be installed with SR-2-85 cover plates.</p> | <b>SSA-F-2.2.1-WL</b> | 2CKA006200A0076 | 1 |
|---|-----------------------|-----------------|---|



### Wireless sensor & dimmer actuators

| Product  | Article-No.           | Order-No.       | Pack/Qty |
|--|-----------------------|-----------------|----------|
|  <p><b>free@home Sensor/Dimmer actuator - 1/1-gang - Wireless</b><br/>           Rated voltage: 230 Vac - 50/60Hz.<br/>           For dimming 230 V~ loads.<br/>           Wireless communication with the free@home system.<br/>           With integrated universal dimming actuator for controlling LEDs, incandescent lamps, 230 V halogen lamps, lowvoltage halogen lamps with conventional or electronic transformers, and dimmable energy-saving halogen lamps. For dimmable Retrofit-LEDs (LEDi).<br/>           Dimming function is available also without prior programming (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.).<br/>           2-wire connection (neutral conductor not required)<br/>           3-wire connection technology is possible as an option for improved load behaviour (for details see the manual).<br/>           With 230 V extension unit input (dimming brighter/darker, switching).<br/>           With fixing claws.<br/>           Control element: switch contacts top/bottom.<br/>           Display elements: LED as light for orientation or display of the switching state.<br/>           Outputs: 1 dimming channel.<br/>           Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.<br/>           Rated power: 20 - 180 W / VA.<br/>           Suitable for: LEDi and energy-saving bulbs; typical.<br/>           Rated power: 2 - 80 W / VA.<br/>           Temperature range device: -5 °C to 45 °C.<br/>           Mounting depth: 32 mm.<br/>           To be installed with SR-1-85 cover plates.</p> | <b>SDA-F-1.1.1-WL</b> | 2CKA006200A0077 | 1        |



|  |                       |                 |   |
|--|-----------------------|-----------------|---|
|  <p><b>free@home Sensor/Dimmer actuator - 2/1-gang - Wireless</b><br/>           Rated voltage: 230 Vac - 50/60Hz.<br/>           For dimming 230 V~ loads.<br/>           Wireless communication with the free@home system.<br/>           With integrated universal dimming actuator for controlling LEDs, incandescent lamps, 230 V halogen lamps, lowvoltage halogen lamps with conventional or electronic transformers, and dimmable energy-saving halogen lamps. For dimmable Retrofit-LEDs (LEDi). Dimming function is available also without prior programming (left sensor channel is pre-configured).<br/>           Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.).<br/>           2-wire connection (neutral conductor not required)<br/>           3-wire connection technology is possible as an option for improved load behaviour (for details see the manual).<br/>           With 230 V extension unit input (dimming brighter/darker, switching).<br/>           With fixing claws.<br/>           Control element: switch contacts top/bottom<br/>           Display elements: LED as light for orientation or display of the switching state.<br/>           Outputs: 1 dimming channel.<br/>           Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.<br/>           Rated power: 20 - 180 W / VA.<br/>           Suitable for: LEDi and energy-saving bulbs; typical.<br/>           Rated power: 2 - 80 W / VA.<br/>           Temperature range device: -5 °C to 45 °C.<br/>           Mounting depth: 32 mm.<br/>           To be installed with SR-2-85 cover plates.</p> | <b>SDA-F-2.1.1-WL</b> | 2CKA006200A0078 | 1 |
|--|-----------------------|-----------------|---|

## Sky Niessen & Skymoon - Free@home - Home automation

### Wireless sensor & blind actuators


| Product  | Article-No.           | Order-No.       | Pack/Qty |
|--|-----------------------|-----------------|----------|
|  <p><b>free@home Sensor/Blind actuator - 1/1-gang - Wireless</b><br/>           Rated voltage: 230 Vac - 50/60Hz.<br/>           For controlling blind or awning motors.<br/>           Wireless communication with the free@home system.<br/>           With integrated blind actuator. Blind function is available also without prior programming (pre-configured).<br/>           Configuration can be changed later via the web interface (groups, scenes, etc.).<br/>           3 wire connection (neutral conductor required).<br/>           With two 230 V extension unit inputs (Up/Down).<br/>           With fixing claws.<br/>           Control element: switch contacts top/bottom.<br/>           Display elements: LED as light for orientation or display of the switching state.<br/>           Outputs: 2 Normally Open contact, potential-bound (output voltage: 230 Vac).<br/>           Suitable for: blind motors.<br/>           Rated current / power: 4 A / 920 VA.<br/>           Temperature range device: -5 °C to 45 °C.<br/>           Mounting depth: 32 mm.<br/>           To be installed with SR-1-85 cover plates.</p>  | <b>SBA-F-1.1.1-WL</b> | 2CKA006200A0079 | 1        |
|  <p><b>free@home Sensor/Blind actuator - 2/1-gang - Wireless</b><br/>           Rated voltage: 230 Vac - 50/60Hz.<br/>           For controlling blind or awning motors.<br/>           Wireless communication with the free@home system.<br/>           With integrated blind actuator. Blind function is available also without prior programming (pre-configured).<br/>           Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.).<br/>           3 wire connection (neutral conductor required).<br/>           With two 230 V extension unit inputs (Up/Down).<br/>           With fixing claws.<br/>           Control element: switch contacts top/bottom.<br/>           Display elements: LED as light for orientation or display of the switching state.<br/>           Outputs: 2 Normally Open contacts, potential-bound (output voltage: 230 Vac).<br/>           Suitable for: blind motors.<br/>           Rated current / power: 4 A / 920 VA.<br/>           Temperature range device: -5 °C to 45 °C.<br/>           Mounting depth: 32 mm.<br/>           To be installed with SR-2-85 cover plates.</p> | <b>SBA-F-2.1.1-WL</b> | 2CKA006200A0080 | 1        |


### Wireless temperature controller


| Product   | Article-No.           | Order-No.       | Pack/Qty |
|---|-----------------------|-----------------|----------|
|  <p><b>free@home Room thermostat - Wireless</b><br/>           Rated voltage: 230 Vac - 50/60Hz.<br/>           Heating/cooling operation.<br/>           Wireless communication with the free@home system.<br/>           Control element with room temperature controller function. With display of set-value temperature. In connection with temperature sensor 6226/T the integrated room temperature controller can be fitted with a remote sensor.<br/>           With fixing claws.<br/>           Control element: floating rocker for the selection of set values and operating modes.<br/>           Display elements: LCD showing operation modes.<br/>           Temperature range device: -5 °C to 45 °C.<br/>           Mounting depth: 32 mm.<br/>           To be installed with CP-RTC-85 cover plates for RTC or CP-RTC-FC-85 for fan coil control.</p>  | <b>RTC-F-1-WL</b>     | 2CKA006200A0081 | 1        |
|  <p><b>free@home Room thermostat/actuator - Wireless</b><br/>           Rated voltage: 230 Vac - 50/60Hz.<br/>           Rated frequency: 50 Hz / 60 Hz.<br/>           Heating/cooling operation.<br/>           Wireless communication with the free@home system.<br/>           Control element with room temperature controller function. With display of set-value temperature. With integrated switch actuator, e.g. for controlling thermoelectric actuating drives in heating/cooling systems or electric floor heating systems. RTC function is available also without prior programming (pre-configured). In connection with temperature sensor 6226/T the integrated room temperature controller can be fitted with a remote sensor.<br/>           3 wire connection (neutral conductor required).<br/>           With fixing claws.<br/>           Control element: floating rocker for the selection of set values and operating modes.<br/>           Display elements: LCD showing operation modes.<br/>           Outputs: 1 Normally Open contact, potential-bound (output voltage: 230 Vac).<br/>           Suitable for: ohmic.<br/>           Rated current / power: 16 A / 3680 W.<br/>           Temperature range device: -5 °C to 45 °C.<br/>           Mounting depth: 32 mm.<br/>           To be installed with CP-RTC-85 cover plates.</p> | <b>RTC-F-2.1.1-WL</b> | 2CKA006200A0082 | 1        |


## Sky Niessen & Skymoon - Free@home - Home automation


### Cover plates


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate - free@home 1-gang sensors</b><br>Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL.<br>Without symbol. |                 |          |
| Soft White  | <b>SR-1-85 BL</b>  | 2CLA852620A1101 | 1        |
| Silver  | <b>SR-1-85 PL</b>  | 2CLA852620A1301 | 1        |
| Soft Black  | <b>SR-1-85 NS</b>  | 2CLA852620A1501 | 1        |
| Dune  | <b>SR-1-85-DN</b>  | 2CLA852620A6201 | 1        |
| Taupé   | <b>SR-1-85-TP</b>  | 2CLA852620A6301 | 1        |
| Comodoro  | <b>SR-1-85-CM</b>  | 2CLA852620A1901 | 1        |
| Stainless Steel   | <b>SR-1-85 AI</b>  | 2CLA852620A1401 | 1        |
| Antique Gold  | <b>SR-1-85 OE</b>  | 2CLA852620A1201 | 1        |

| Color  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>Cover plate - free@home 1-gang sensors - Switch</b><br>Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL.<br>With Light symbol. |                 |          |
| Soft White   | <b>SRL-1-85 BL</b>   | 2CLA852626A1101 | 1        |
| Silver   | <b>SRL-1-85 PL</b>   | 2CLA852626A1301 | 1        |
| Soft Black   | <b>SRL-1-85 NS</b>   | 2CLA852626A1501 | 1        |
| Dune   | <b>SRL-1-85 DN</b>   | 2CLA852626A6201 | 1        |
| Taupé  | <b>SRL-1-85 TP</b>   | 2CLA852626A6301 | 1        |
| Comodoro   | <b>SRL-1-85 CM</b>   | 2CLA852626A1901 | 1        |
| Stainless Steel  | <b>SRL-1-85 AI</b>   | 2CLA852626A1401 | 1        |
| Antique Gold   | <b>SRL-1-85 OE</b>   | 2CLA852626A1201 | 1        |

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate - free@home 1-gang sensors - Dimmer</b><br>Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL.<br>With Dimming symbol. |                 |          |
| Soft White  | <b>SRD-1-85 BL</b>   | 2CLA852625A1101 | 1        |
| Silver  | <b>SRD-1-85 PL</b>   | 2CLA852625A1301 | 1        |
| Soft Black  | <b>SRD-1-85 NS</b>   | 2CLA852625A1501 | 1        |
| Dune  | <b>SRD-1-85-DN</b>   | 2CLA852625A6201 | 1        |
| Taupé   | <b>SRD-1-85-TP</b>   | 2CLA852625A6301 | 1        |
| Comodoro  | <b>SRD-1-85-CM</b>   | 2CLA852625A1901 | 1        |
| Stainless Steel   | <b>SRD-1-85 AI</b>   | 2CLA852625A1401 | 1        |
| Antique Gold  | <b>SRD-1-85 OE</b>   | 2CLA852625A1201 | 1        |


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate - free@home 1-gang sensors - Blind</b><br>Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL.<br>With Blind symbol. |                 |          |
| Soft White  | <b>SRB-1-85 BL</b>  | 2CLA852623A1101 | 1        |
| Silver  | <b>SRB-1-85 PL</b>  | 2CLA852623A1301 | 1        |
| Soft Black  | <b>SRB-1-85 NS</b>  | 2CLA852623A1501 | 1        |
| Dune  | <b>SRB-1-85-DN</b>  | 2CLA852623A6201 | 1        |
| Taupé   | <b>SRB-1-85-TP</b>  | 2CLA852623A6301 | 1        |
| Comodoro  | <b>SRB-1-85-CM</b>  | 2CLA852623A1901 | 1        |
| Stainless Steel   | <b>SRB-1-85 AI</b>  | 2CLA852623A1401 | 1        |
| Antique Gold  | <b>SRB-1-85 OE</b>  | 2CLA852623A1201 | 1        |


| Color  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|  | <b>Cover plate - free@home 1-gang sensors - Scene</b><br>Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.1, SSA-F-1.1.1, SDA-F-1.1.1, SBA-F-1.1.1, SU-F-1.0.1-WL, SSA-F-1.1.1-WL, SDA-F-1.1.1-WL, SBA-F-1.1.1-WL.<br>With Scene symbol. |                 |          |
| Soft White   | <b>SRS-1-85 BL</b>  | 2CLA852627A1101 | 1        |
| Silver   | <b>SRS-1-85 PL</b>  | 2CLA852627A1301 | 1        |
| Soft Black   | <b>SRS-1-85 NS</b>  | 2CLA852627A1501 | 1        |
| Dune   | <b>SRS-1-85-DN</b>  | 2CLA852627A6201 | 1        |
| Taupé  | <b>SRS-1-85-TP</b>  | 2CLA852627A6301 | 1        |
| Comodoro   | <b>SRS-1-85-CM</b>  | 2CLA852627A1901 | 1        |
| Stainless Steel  | <b>SRS-1-85 AI</b>  | 2CLA852627A1401 | 1        |
| Antique Gold   | <b>SRS-1-85 OE</b>  | 2CLA852627A1201 | 1        |


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate - free@home 2-gang sensors</b><br>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL.<br>Without symbol. Suitable for both gangs. |                 |          |
| Soft White  | <b>SR-2-85 BL</b>  | 2CLA852640A1101 | 1        |
| Silver  | <b>SR-2-85 PL</b>  | 2CLA852640A1301 | 1        |
| Soft Black  | <b>SR-2-85 NS</b>  | 2CLA852640A1501 | 1        |
| Dune  | <b>SR-2-85-DN</b>  | 2CLA852640A6201 | 1        |
| Taupé   | <b>SR-2-85-TP</b>  | 2CLA852640A6301 | 1        |
| Comodoro  | <b>SR-2-85-CM</b>  | 2CLA852640A1901 | 1        |
| Stainless Steel   | <b>SR-2-85 AI</b>  | 2CLA852640A1401 | 1        |
| Antique Gold  | <b>SR-2-85 OE</b>  | 2CLA852640A1201 | 1        |


## Sky Niessen & Skymoon - Free@home - Home automation


### Cover plates


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate - free@home 2-gang sensors - Switch - Left</b><br>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Light symbol. Suitable for the left gang. |                 |          |
| Soft White  | <b>SRL-2-L-85 BL</b>  | 2CLA852642A1101 | 1        |
| Silver  | <b>SRL-2-L-85 PL</b>  | 2CLA852642A1301 | 1        |
| Soft Black  | <b>SRL-2-L-85 NS</b>  | 2CLA852642A1501 | 1        |
| Dune  | <b>SRL-2-L-85-DN</b>  | 2CLA852642A6201 | 1        |
| Taupé   | <b>SRL-2-L-85-TP</b>  | 2CLA852642A6301 | 1        |
| Comodoro  | <b>SRL-2-L-85-CM</b>  | 2CLA852642A1901 | 1        |
| Stainless Steel   | <b>SRL-2-L-85 AI</b>  | 2CLA852642A1401 | 1        |
| Antique Gold  | <b>SRL-2-L-85 OE</b>  | 2CLA852642A1201 | 1        |

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate - free@home 2-gang sensors - Dimmer - Right</b><br>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Dimming symbol. Suitable for the right gang. Suitable for both gangs. |                 |          |
| Soft White  | <b>SRD-2-R-85 BL</b>   | 2CLA852647A1101 | 1        |
| Silver  | <b>SRD-2-R-85 PL</b>   | 2CLA852647A1301 | 1        |
| Soft Black  | <b>SRD-2-R-85 NS</b>   | 2CLA852647A1501 | 1        |
| Dune  | <b>SRD-2-R-85-DN</b>   | 2CLA852647A6201 | 1        |
| Taupé   | <b>SRD-2-R-85-TP</b>   | 2CLA852647A6301 | 1        |
| Comodoro  | <b>SRD-2-R-85-CM</b>   | 2CLA852647A1901 | 1        |
| Stainless Steel   | <b>SRD-2-R-85 AI</b>   | 2CLA852647A1401 | 1        |
| Antique Gold  | <b>SRD-2-R-85 OE</b>   | 2CLA852647A1201 | 1        |

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Cover plate - free@home 2-gang sensors - Switch - Right</b><br>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Light symbol. Suitable for the right gang. |                 |   |
| Soft White   | <b>SRL-2-R-85 BL</b>  | 2CLA852648A1101 | 1 |
| Silver   | <b>SRL-2-R-85 PL</b>  | 2CLA852648A1301 | 1 |
| Soft Black   | <b>SRL-2-R-85 NS</b>  | 2CLA852648A1501 | 1 |
| Dune   | <b>SRL-2-R-85-DN</b>  | 2CLA852648A6201 | 1 |
| Taupé  | <b>SRL-2-R-85-TP</b>  | 2CLA852648A6301 | 1 |
| Comodoro   | <b>SRL-2-R-85-CM</b>  | 2CLA852648A1901 | 1 |
| Stainless Steel  | <b>SRL-2-R-85 AI</b>  | 2CLA852648A1401 | 1 |
| Antique Gold   | <b>SRL-2-R-85 OE</b>  | 2CLA852648A1201 | 1 |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Cover plate - free@home 2-gang sensors - Blind</b><br>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Blind symbol. Suitable for both gangs. |                 |   |
| Soft White   | <b>SRB-2-85 BL</b>   | 2CLA852643A1101 | 1 |
| Silver   | <b>SRB-2-85 PL</b>   | 2CLA852643A1301 | 1 |
| Soft Black   | <b>SRB-2-85 NS</b>   | 2CLA852643A1501 | 1 |
| Dune   | <b>SRB-2-85-DN</b>   | 2CLA852643A6201 | 1 |
| Taupé  | <b>SRB-2-85-TP</b>   | 2CLA852643A6301 | 1 |
| Comodoro   | <b>SRB-2-85-CM</b>   | 2CLA852643A1901 | 1 |
| Stainless Steel  | <b>SRB-2-85 AI</b>   | 2CLA852643A1401 | 1 |
| Antique Gold   | <b>SRB-2-85 OE</b>   | 2CLA852643A1201 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover plate - free@home 2-gang sensors - Dimmer - Left</b><br>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Dimming symbol. Suitable for the left gang. |                 |   |
| Soft White  | <b>SRD-2-L-85 BL</b>  | 2CLA852641A1101 | 1 |
| Silver  | <b>SRD-2-L-85 PL</b>  | 2CLA852641A1301 | 1 |
| Soft Black  | <b>SRD-2-L-85 NS</b>  | 2CLA852641A1501 | 1 |
| Dune  | <b>SRD-2-L-85-DN</b>  | 2CLA852641A6201 | 1 |
| Taupé   | <b>SRD-2-L-85-TP</b>  | 2CLA852641A6301 | 1 |
| Comodoro  | <b>SRD-2-L-85-CM</b>  | 2CLA852641A1901 | 1 |
| Stainless Steel   | <b>SRD-2-L-85 AI</b>  | 2CLA852641A1401 | 1 |
| Antique Gold  | <b>SRD-2-L-85 OE</b>  | 2CLA852641A1201 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate - free@home 2-gang sensors - Scene - Left</b><br>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Scene symbol. Suitable for the left gang. |                 |   |
| Soft White  | <b>SRS-2-L-85 BL</b>   | 2CLA852644A1101 | 1 |
| Silver  | <b>SRS-2-L-85 PL</b>   | 2CLA852644A1301 | 1 |
| Soft Black  | <b>SRS-2-L-85 NS</b>   | 2CLA852644A1501 | 1 |
| Dune  | <b>SRS-2-L-85-DN</b>   | 2CLA852644A6201 | 1 |
| Taupé   | <b>SRS-2-L-85-TP</b>   | 2CLA852644A6301 | 1 |
| Comodoro  | <b>SRS-2-L-85-CM</b>   | 2CLA852644A1901 | 1 |
| Stainless Steel   | <b>SRS-2-L-85 AI</b>   | 2CLA852644A1401 | 1 |
| Antique Gold  | <b>SRS-2-L-85 OE</b>   | 2CLA852644A1201 | 1 |

## Sky Niessen & Skymoon - Free@home - Home automation

### Cover plates

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate - free@home 2-gang sensors - Scene - Right</b><br>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL. With Scene symbol. Suitable for the right gang. |                 |          |
| Soft White  | <b>SRS-2-R-85 BL</b>   | 2CLA852649A1101 | 1        |
| Silver  | <b>SRS-2-R-85 PL</b>   | 2CLA852649A1301 | 1        |
| Soft Black  | <b>SRS-2-R-85 NS</b>   | 2CLA852649A1501 | 1        |
| Dune  | <b>SRS-2-R-85-DN</b>   | 2CLA852649A6201 | 1        |
| Taupé   | <b>SRS-2-R-85-TP</b>   | 2CLA852649A6301 | 1        |
| Comodoro  | <b>SRS-2-R-85-CM</b>   | 2CLA852649A1901 | 1        |
| Stainless Steel   | <b>SRS-2-R-85 AI</b>   | 2CLA852649A1401 | 1        |
| Antique Gold  | <b>SRS-2-R-85 OE</b>   | 2CLA852649A1201 | 1        |




**Cover plate - free@home RTC**  
Cover plate with RTC symbols for free@home room temperature controller code: RTC-F-1, RTC-F-1-WL and RTC-F-2.1.1-WL.

|                 |                     |                 |   |
|-----------------|---------------------|-----------------|---|
| Soft White      | <b>CP-RTC-85 BL</b> | 2CLA854060A1101 | 1 |
| Silver          | <b>CP-RTC-85 PL</b> | 2CLA854060A1301 | 1 |
| Soft Black      | <b>CP-RTC-85 NS</b> | 2CLA854060A1501 | 1 |
| Dune            | <b>CP-RTC-85-DN</b> | 2CLA854060A6201 | 1 |
| Taupé           | <b>CP-RTC-85-TP</b> | 2CLA854060A6301 | 1 |
| Comodoro        | <b>CP-RTC-85-CM</b> | 2CLA854060A1901 | 1 |
| Stainless Steel | <b>CP-RTC-85 AI</b> | 2CLA854060A1401 | 1 |
| Antique Gold    | <b>CP-RTC-85 OE</b> | 2CLA854060A1201 | 1 |




**Cover plate - free@home fan coil control**  
Cover plate with fan coil control symbols for free@home room temperature controller code: RTC-F-1 and RTC-F-1-WL.


|                 |                        |                 |   |
|-----------------|------------------------|-----------------|---|
| Soft White      | <b>CP-RTC-FC-85 BL</b> | 2CLA855420A1101 | 1 |
| Silver          | <b>CP-RTC-FC-85 PL</b> | 2CLA855420A1301 | 1 |
| Soft Black      | <b>CP-RTC-FC-85 NS</b> | 2CLA855420A1501 | 1 |
| Dune            | <b>CP-RTC-FC-85-DN</b> | 2CLA855420A6201 | 1 |
| Taupé           | <b>CP-RTC-FC-85-TP</b> | 2CLA855420A6301 | 1 |
| Comodoro        | <b>CP-RTC-FC-85-CM</b> | 2CLA855420A1901 | 1 |
| Stainless Steel | <b>CP-RTC-FC-85 AI</b> | 2CLA855420A1401 | 1 |
| Antique Gold    | <b>CP-RTC-FC-85 OE</b> | 2CLA855420A1201 | 1 |



| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate - free@home motion sensor</b><br>Cover plate for free@home motion sensors and sensor/actuators code: MD-F-1.0.PB.1 and MSA-F.1.1.PB.1. |                 |          |
| Soft White  | <b>CP-MD-85 BL</b>  | 2CLA854160A1101 | 1        |
| Silver  | <b>CP-MD-85 PL</b>  | 2CLA854160A1301 | 1        |
| Soft Black  | <b>CP-MD-85 NS</b>  | 2CLA854160A1501 | 1        |
| Dune  | <b>CP-MD-85-DN</b>  | 2CLA854160A6201 | 1        |
| Taupé   | <b>CP-MD-85-TP</b>  | 2CLA854160A6301 | 1        |
| Comodoro  | <b>CP-MD-85-CM</b>  | 2CLA854160A1901 | 1        |
| Stainless Steel   | <b>CP-MD-85 AI</b>  | 2CLA854160A1401 | 1        |
| Antique Gold  | <b>CP-MD-85 OE</b>  | 2CLA854160A1201 | 1        |

## Sky Niessen & Skymoon

### Touch displays



| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ABB-free@homeTouch 7"</b><br>For the central control of up to 16 configurable ABB-free@home® functions of type: switching, dimming, blind, RTC, scene, Philips HUE.<br>Display of the video image of the outdoor station of ABB-Welcome door entry system.<br>Suitable as room temperature controller extension unit (up to 8).<br>Surface mounting.<br>The bus can be connected via enclosed terminal block.<br>Display size / resolution: 17.8 cm (7") / 800 x 480<br>Consumer units: 11<br>Display elements: TFT Touch Display<br>Dimensions: (L x W x D): 155 mm x 218 mm x 29 mm<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>The power is supplied by the ABB-Welcome system controller or when using the ABB-free@home panel without an ABB-Welcome system, a separate ABB 24 V-power supply is required.<br>Protection class (device): IP30<br>Temperature range (device): -5 °C to 40 °C |                 |          |
| White   | <b>DP7-S-611</b>  | 2CKA008300A0356 | 1        |
| Black   | <b>DP7-S-625</b>  | 2CKA008300A0357 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>ABB-free@homeTouch 4.3"</b><br>For the central control of up to 16 configurable ABB-free@home® functions.<br>For the display of configurable system messages.<br>A configurable primary function can be triggered with a multi-touch gesture.<br>Capacitive touch screen with closed glass surface.<br>With integrated room temperature controller and temperature sensor.<br>In connection with temperature sensor 6226/T the integrated room temperature controller can be fitted with a remote sensor.<br>Suitable as room temperature controller extension unit (up to 8).<br>Requires additional ABB power supply 24 VDC.<br>Display size / resolution: 10.9 cm (4.3") / 480 x 854.<br>Mounting height: 8 mm<br>Control element: freely programmable touch surfaces.<br>Display elements: LCD display<br>Bus voltage: 24 V-<br>Dimensions: (L x W x D): 104 mm x 143 mm x 53 mm<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Protection class (device): IP20<br>Temperature range (device): -5 °C to 40 °C |                 |   |
| White   | <b>DP4-1-611</b>  | 2CKA006220A0119 | 1 |
| Black   | <b>DP4-1-625</b>  | 2CKA006220A0120 | 1 |


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush mounting installation box</b><br>For flush-mounted in hollow-wall installation of the ABB-free@homeTouch 4.3".<br>Windproof.<br>Installation dimensions (H x W x D):<br>82 mm x 123 mm x 50 mm<br>Mounting depth: 50 mm<br>Halogen free. |                 |          |
|   | <b>DP4-F</b>  | 2CKA006220A0389 | 1        |
|  | <b>Temperature sensor</b><br>For use as remote sensor with ABB-free@homeTouch 4.3".<br>Line type: H03 VV-F<br>Cable length: 4 m<br>Type: NTC 10 kohm.   |                 |          |
|   | <b>DP4-T-1</b>  | 2CKA006220A0721 | 1        |

## Sky Niessen & Skymoon


### System Access Point

| Product   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>System Access Point - Wireless</b><br/>           For commissioning and remote control of the ABB-free@home® system.<br/>           With integrated free@home wireless antenna.<br/>           With integrated free@home bus connection.<br/>           Allows the execution of astro and time programs.<br/>           Commissioning and remote control is executed via the web interface or app.<br/>           No additional commissioning software is required.<br/>           Easy commissioning with WLAN ad-hoc mode.<br/>           WLAN modes switchable via local operation.<br/>           Connection to the home network via WLAN client mode or via CAT cable.<br/>           The bus connection is provided via the enclosed bus terminal.<br/>           Display elements: LED for status display.<br/>           Rated voltage: 230 V~; 50/60 Hz.<br/>           Bus voltage: 24 V.<br/>           Dimensions: (L x W x D): 110 mm x 170 mm x 31 mm<br/>           Programming via the web interface of the System Access Point.<br/>           Protection class (device): IP20<br/>           Temperature range (device): -5 °C to 45 °C</p> | <b>SAP-S-2</b>  | 2CKA006200A0105 | 1        |
|  <p><b>External antenna - Wireless</b><br/>           For use with System Access Point SAP-S-2 and SAP-S-127.2.<br/>           Feed the free@home wireless signal to the outside when the internal antenna of the System Access Point is shielded due to structural conditions.<br/>           With magnetic base.<br/>           Cable length: 1.5m</p>   | <b>SAP-1-WL</b> | 2CKA006200A0100 | 1        |

### Weather station




| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <p><b>Weather station</b><br/>           For recording and transmitting of brightness, temperature, wind speed and rain.<br/>           Weather data can be linked with actuators to automatically control functions.<br/>           Weather data can be visualized in the free@home web interface and the free@home app.<br/>           Wind speed measuring range 2 - 30 m/s<br/>           The bus can be connected via enclosed terminal block.<br/>           Rated voltage: 110 V~ - 230 V~; 50/60 Hz.<br/>           Bus voltage: 24 V-<br/>           Inputs: 4<br/>           Temperature range (sensor):<br/>           Brightness limit value: 1 lux - 100000 lux<br/>           Dimensions: (L x W x D): 108 mm x 121 mm x 227 mm<br/>           Protection class (device): IP44<br/>           Temperature range (device): -20 °C to 55 °C</p> | <b>WS-1</b> | 2CKA006220A0390 | 1        |

### Power supply



| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Power supply</b><br/>           Power supply with integrated choke.<br/>           Fast diagnosis due to LED display for operational readiness and errors.<br/>           The bus can be connected via enclosed terminal block.<br/>           Display elements: operational load/overload LED<br/>           Rated voltage: 127 V~ - 230 V~, +10% / -15%; 50/60Hz<br/>           Secondary: 30 V, +2 V / --2 V<br/>           Outputs: 1<br/>           Rated current: 640 mA<br/>           Protection class (device): IP20<br/>           Temperature range (device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm<br/>           Module width (DIN-rail): 4 MW</p> | <b>PS-M-64.1.1</b> | 2CDG510001R0011 | 1        |

## Sky Niessen & Skymoon

### Binary inputs

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Binary input 2-gang</b><br>Conventional push-buttons or auxiliary contacts can be connected to 2 channels. The information of the contact scanning can be used for activating ABB-free@home® actuators or for recording status information. The contact polling voltage is made available from the binary input itself. Extension of the connecting cables possible by a maximum of 10 m.<br>Flush-mounted device for installation in a 60 mm device box or distribution box.<br>The bus can be connected via enclosed terminal block.<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Bus voltage: 24 V<br>Inputs: 2<br>Polling voltage: 20 V-<br>Protection class (device): IP20<br>Temperature range (device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm. |                 |          |
|   | <b>BI-F-2.0.1</b>  | 2CDG510002R0011 | 1        |
|   | <b>Binary input 4-gang</b><br>Conventional push-buttons or auxiliary contacts can be connected to 4 channels. The information of the contact scanning can be used for activating ABB-free@home® actuators or for recording status information. The contact polling voltage is made available from the binary input itself. Extension of the connecting cables possible by a maximum of 10 m.<br>Flush-mounted device for installation in a 60 mm device box or distribution box.<br>The bus can be connected via enclosed terminal block.<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Bus voltage: 24 V<br>Inputs: 4<br>Polling voltage: 20 V-<br>Protection class (device): IP20<br>Temperature range (device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm  |                 |          |
|   | <b>BI-F-4.0.1</b>  | 2CDG510003R0011 | 1        |
|  | <b>Binary input 4-gang</b><br>The device detects AC/DC signals of 10 - 230 V via 4 channels. The information of the signal evaluation can be used for controlling ABB-free@home® actuators or for recording status information.<br>The bus can be connected via enclosed terminal block.<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Bus voltage: 24 V<br>Inputs: 4<br>Protection class (device): IP20<br>Temperature range (device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 90 mm x 36 mm x 64 mm<br>Module width DIN-rail): 2 MW   |                 |          |
|   | <b>BI-M-4.0.1</b>  | 2CDG510004R0011 | 1        |


### Switch actuators

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Binary input 8-gang / switch actuator 8-gang</b><br>Combination device with 8 binary inputs and 8 switch actuators.<br>Conventional push-buttons or auxiliary contacts can be connected to 8 channels. The information of the contact scanning can be used for activating ABB-free@home® actuators or for recording status information.<br>The contact polling voltage is made available by the device itself.<br>Maximum cable length at a cable cross-section of 1.5 mm <sup>2</sup> < 100 m<br>For switching 8 independent 230 V~ loads.<br>No additional commissioning software is required.<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Bus voltage: 24 V<br>Inputs: 8<br>Polling voltage: 35 V-<br>Outputs: 8 Normally Open contact, potential free<br>Suitable for: AC1 (Output voltage: 230 V~)<br>Rated current: 6 A, cos φ 0.8<br>Suitable for: AC3 (Output voltage: 230 V~)<br>Rated current: 6 A, cos φ 0.45<br>Protection class (device): IP20<br>Temperature range (device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 90 mm x 144 mm x 64.5 mm<br>Module width (DIN-rail): 8 MW. |                 |          |
|   | <b>SA-M-8.8.1</b>   | 2CDG510007R0011 | 1        |
|  | <b>Switch actuator 4-gang</b><br>For switching 4 independent 127 V~/230 V~ loads.<br>Each contact has a manual operation function independent of auxiliary voltage for additionally displaying the contact setting.<br>The bus can be connected via enclosed terminal block.<br>Control element: relay control element.<br>Display elements: relay control element.<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Power dissipation: 4 W<br>Bus voltage: 24 V<br>Outputs: 4<br>Suitable for: AC1 (Output voltage: 230 V~)<br>Rated current: 16 A, cos φ 0.8<br>Suitable for: AC3<br>Rated current: 8 A, cos φ 0.45<br>Protection class (device): IP20<br>Temperature range (device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm<br>Module width (DIN-rail): 4 MW.   |                 |          |
|   | <b>SA-M-0.4.1</b>   | 2CDG510006R0011 | 1        |




## Sky Niessen & Skymoon




### Dimmer actuator

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Dimmer actuator 4-gang</b><br/>Multi-channel universal dimming actuator for controlling LEDs, incandescent lamps, 230 V halogen lamps, low-voltage halogen lamps with conventional or electronic transformers, and dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi).<br/>Increasing the max. load via channel bridging possible. The outputs can be switched parallel in any combination. Outputs automatically recognize the connected load. In addition, the operating mode can be selected manually. Status indication of the channels via LED.<br/>The bus can be connected via enclosed terminal block. Display elements: outputs status indication via LED. Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Rated voltage: 230 V~; 50/60 Hz<br/>Bus voltage: 24 V<br/>Outputs: 4 dimming channel<br/>Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.<br/>Rated power: 10 - 315 W/VA<br/>Suitable for: LEDi and energy-saving bulbs; typical<br/>Rated power: 2 - 80 W/VA<br/>Protection class (device): IP20<br/>Temperature range (device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 90 mm x 144 mm x 64 mm<br/>Module width (DIN-rail): 8 MW.</p> | <b>DA-M-0.4.2</b> | 2CKA006220A0395 | 1        |

### Blind actuator



| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Blind actuator 4-gang</b><br/>For controlling 4 independent blind or roller shutter drives. The outputs are inversely blocked.<br/>The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Power dissipation: 2 W<br/>Bus voltage: 24 V<br/>Outputs: 4<br/>Suitable for: AC3 (Output voltage: 230 V~)<br/>Rated current: 6 A, cos φ0.45<br/>Protection class (device): IP20<br/>Temperature range (device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm<br/>Module width (DIN-rail): 4 MW.</p> | <b>BA-M-0.4.1</b> | 2CDG510011R0011 | 1        |

### Heating & fan coil actuators



| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Heating actuator 6-gang</b><br/>For controlling thermoelectric actuating drives in heating/cooling systems.<br/>The outputs are protected against short-circuit and overload.<br/>The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Power dissipation: 2 W<br/>Bus voltage: 24 V<br/>Outputs: 6<br/>Suitable for: resistive<br/>Rated current: 160 mA<br/>Protection class (device): IP20<br/>Temperature range (device): -5 °C to 45 °C.<br/>Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm.<br/>Module width (DIN-rail): 4 MW.</p>  | <b>HA-M-0.6.1</b>  | 2CDG510008R0011 | 1        |
|  <p><b>Heating actuator 12-gang</b><br/>For controlling thermoelectric actuating drives in heating/cooling systems.<br/>The outputs are protected against short-circuit and overload.<br/>The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Power dissipation: 4 W<br/>Bus voltage: 24 V<br/>Outputs: 12<br/>Suitable for: ohmic<br/>Rated current: 160 mA<br/>Protection class (device): IP20<br/>Temperature range (device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 90 mm x 144 mm x 64 mm.<br/>Module width: 8 MW.</p>  | <b>HA-M-0.12.1</b> | 2CDG510009R0011 | 1        |
|  <p><b>Fan coil actuator</b><br/>For controlling blower convectors. Supports 2-pipe and 4-pipe system for heating and cooling. The fan speed levels can be switched using a changeover or step switch function.<br/>Three contacts for switching a three-stage fan. Two contacts for activating the heating and cooling valves. Supports 24V and 230V valves.<br/>With two binary inputs for connecting dew-point and condensation contacts.<br/>The scanning voltage is provided by the device. The bus connection is provided via the enclosed bus terminal. Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Bus voltage: 24 V<br/>Inputs: 2<br/>Polling voltage: 10 V-<br/>Outputs: 3 Normally Open contact, potential free<br/>Suitable for: AC3 (Output voltage: 230 V~)<br/>Rated current: 6 A<br/>Protection class (device): IP20<br/>Temperature range (device): -5 °C to 45 °C.<br/>Dimensions: (L x W x D): 90 mm x 108 mm x 64.5 mm.<br/>Module width (DIN-rail): 6 MW.</p> | <b>FCA-M-2.3.1</b> | 2CDG510010R0011 | 1        |

## Sky Niessen & Skymoon - KNX - Building automation

### Push-button coupler

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>KNX Push-button coupler - 1/2-gang</b><br/>For contacting conventional 1-gang rocker switches.<br/>With middle position.<br/>The bus can be connected via enclosed terminal block.<br/>To be installed with 8501 rockers.</p> | <b>6108/01-509</b> | 2CKA006133A0214 | 1        |
|  <p><b>KNX Push-button coupler - 2/4-gang</b><br/>For contacting conventional 2-gang rocker switches.<br/>With middle position.<br/>The bus can be connected via enclosed terminal block.<br/>To be installed with 8511 rockers.</p> | <b>6108/02-509</b> | 2CKA006133A0215 | 1        |

### Rockers

| Color   | Article-No.    | Order-No.       | Pack/Qty |
|---|----------------|-----------------|----------|
|  <p><b>Rocker for switch, 1-gang</b><br/>Rocker for 6108/01-509 KNX Push-button coupler.</p>               |                |                 |          |
| Soft White  | <b>8501 BL</b> | 2CLA850100A1101 | 20       |
| Silver  | <b>8501 PL</b> | 2CLA850100A1301 | 20       |
| Soft Black  | <b>8501 NS</b> | 2CLA850100A1501 | 20       |
| Dune  | <b>8501 DN</b> | 2CLA850100A6201 | 10       |
| Taupé   | <b>8501 TP</b> | 2CLA850100A6301 | 10       |
| Comodoro  | <b>8501 CM</b> | 2CLA850100A1901 | 10       |
| Stainless Steel   | <b>8501 AI</b> | 2CLA850100A1401 | 20       |
| Antique Gold  | <b>8501 OE</b> | 2CLA850100A1201 | 20       |
| White Glass   | <b>8501 CB</b> | 2CLA850100A2101 | 10       |
| Black Glass   | <b>8501 CN</b> | 2CLA850100A2501 | 10       |
|  <p><b>Rocker for switch/push-button, 2-gangs</b><br/>Rocker for 6108/02-509 KNX Push-button coupler.</p> |                |                 |          |
| Soft White  | <b>8511 BL</b> | 2CLA851100A1101 | 20       |
| Silver  | <b>8511 PL</b> | 2CLA851100A1301 | 20       |
| Soft Black  | <b>8511 NS</b> | 2CLA851100A1501 | 20       |
| Dune  | <b>8511 DN</b> | 2CLA851100A6201 | 10       |
| Taupé   | <b>8511 TP</b> | 2CLA851100A6301 | 10       |
| Comodoro  | <b>8511 CM</b> | 2CLA851100A1901 | 10       |
| Stainless Steel   | <b>8511 AI</b> | 2CLA851100A1401 | 20       |
| Antique Gold  | <b>8511 OE</b> | 2CLA851100A1201 | 20       |
| White Glass   | <b>8511 CB</b> | 2CLA851100A2101 | 10       |
| Black Glass   | <b>8511 CN</b> | 2CLA851100A2501 | 10       |


# Sky Niessen & Skymoon - KNX - Building automation


## Sensor


| Product   | Article-No.  | Order-No.       | Pack/Qty | Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|---|--|-----------------|----------|
|    | <b>KNX Push-button coupler - 2-gang with bus coupler</b><br>With integrated temperature sensor.<br>Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green.<br>With middle position.<br>The bus can be connected via enclosed terminal block.<br>Control element: switch contacts top/bottom.<br>Display elements: 2 LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light.<br>Connections: KNX-line - bus connection terminal.<br>Rated voltage: 24 V-, +5 V / -5 V.<br>Temperature range device: -5 °C to 45 °C.<br>To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.   |                 |          |    | <b>KNX RTC with 5-gang universal input</b><br>Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators.<br>With universal input with:<br>- max. of 5 binary inputs.<br>- 4 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V<br>- 2 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V and an external temperature sensor PT1000 / T6226.<br>With display of set-value temperature.<br>Master/slave configuration.<br>With base-load operation.<br>The bus can be connected via enclosed terminal block.<br>Class of temperature controller 1.<br>Contribution to space heating energy efficiency 1,0%.<br>Control element: switch contacts.<br>Display elements: LCD showing operation mode and temperature.<br>Connections: KNX-line - bus connection terminal.<br>Rated voltage / current: 24 V- / 5 mA.<br>Inputs: 5. Polling voltage: binary inputs, presence and/or window contact.<br>Control/Signal outputs: 1, 0-10 V (passive).<br>Temperature range device: -5 °C to 45 °C.<br>Tobe installed with CP-CO-85 cover plates.                          |                 |          |
|   | <b>6108/06-500</b>   | 2CKA006133A0221 | 1        |   | <b>6109/18-500</b>   | 2CKA006134A0315 | 1        |
|   | <b>KNX Push-button coupler - 4-gang with bus coupler</b><br>With integrated temperature sensor.<br>Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green.<br>With middle position.<br>The bus can be connected via enclosed terminal block.<br>Control element: switch contacts top/bottom.<br>Display elements: 2 LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light.<br>Connections: KNX-line - bus connection terminal.<br>Rated voltage: 24 V-, +5 V / -5 V.<br>Temperature range device: -5 °C to 45 °C.<br>To be installed with SR-2-85, SRL-2-L-85 SRL-2-R-85, SRD-2-L-85, SRD-2-R-85, SRB-2-85 SRS-2-L-85 and SRS-2-R-85 cover plates.   |                 |          |  | <b>KNX RTC with CO<sub>2</sub>/moisture sensor</b><br>Control element with room temperature controller function and CO <sub>2</sub> /moisture/air pressure sensor.<br>For activating heating, ventilation and fan coil actuators.<br>With universal input with:<br>- max. of 5 binary inputs.<br>- 4 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V.<br>- 2 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V and an external temperature sensor PT1000 / T6226.<br>With display of set-value temperature.<br>Master/slave configuration.<br>With base-load operation.<br>The bus can be connected via enclosed terminal block.<br>Class of temperature controller 1.<br>Contribution to space heating energy efficiency 1,0%.<br>Control element: switch contacts.<br>Display elements: LCD showing operation mode and temperature.<br>Connections: KNX-line - bus connection terminal.<br>Rated voltage / current: 24 V- / 5 mA.<br>Inputs: 5. Polling voltage: binary inputs, presence and/or window contact.<br>Control/Signal outputs: 1, 0-10 V (passive).<br>Temperature range device: -5 °C to 45 °C. |                 |          |
|   | <b>6108/07-500</b>   | 2CKA006133A0223 | 1        |   | <b>6109/28-500</b>   | 2CKA006134A0317 | 1        |
|  | <b>KNX Room thermostat with display</b><br>Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators.<br>For controlling commercially available valve drives.<br>With display of set-value temperature.<br>Master/slave configuration.<br>With base-load operation.<br>The bus can be connected via enclosed terminal block.<br>Class of temperature controller 1<br>Contribution to space heating energy efficiency 1,0%.<br>Control element: switch contacts.<br>Display elements: LCD showing operation mode and temperature.<br>Connections: KNX-line - bus connection terminal.<br>Rated voltage / current: 24 V- / 5 mA.<br>Temperature range device: -5 °C to 45 °C.<br>To be installed with CP-RTC-85 cover plates for RTC or CP-RTC-FC-85 cover plates for fan coil control. |                 |          |  | <b>KNX 180° motion sensor</b><br>Movement detector with up to 4 channels.<br>Detection range: frontal: 6 m, lateral: 6 m.<br>Brightness limit value: 5 lux - 150 lux.<br>Detection angle: 180°.<br>Position for installation: vertical.<br>Mounting height: 1.1 m.<br>Temperature range (device): -5 °C to 45 °C.<br>To be installed with CP-MD-85 cover plates (mounting grid without claws included).  |                 |          |
|   | <b>6108/18-500</b>   | 2CKA006134A0319 | 1        |   | <b>6122/98-509</b>   | 2CKA006132A0307 | 1        |


## Sky Niessen & Skymoon - KNX - Building automation


### Cover plates


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate - KNX 1-gang sensors</b><br>Cover plate for KNX 1-gang sensors code: 6108/06-500.<br>Without symbol. |                 |          |
| Soft White  | <b>SR-1-85 BL</b>   | 2CLA852620A1101 | 1        |
| Silver  | <b>SR-1-85 PL</b>   | 2CLA852620A1301 | 1        |
| Soft Black  | <b>SR-1-85 NS</b>   | 2CLA852620A1501 | 1        |
| Dune  | <b>SR-1-85-DN</b>   | 2CLA852620A6201 | 1        |
| Taupé   | <b>SR-1-85-TP</b>   | 2CLA852620A6301 | 1        |
| Comodoro  | <b>SR-1-85-CM</b>   | 2CLA852620A1901 | 1        |
| Stainless Steel   | <b>SR-1-85 AI</b>   | 2CLA852620A1401 | 1        |
| Antique Gold  | <b>SR-1-85 OE</b>   | 2CLA852620A1201 | 1        |

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Cover plate - KNX 1-gang sensors - Switch</b><br>Cover plate for KNX 1-gang sensors code: 6108/06-500.<br>With Light symbol. |                 |   |
| Soft White   | <b>SRL-1-85 BL</b>  | 2CLA852626A1101 | 1 |
| Silver   | <b>SRL-1-85 PL</b>  | 2CLA852626A1301 | 1 |
| Soft Black   | <b>SRL-1-85 NS</b>  | 2CLA852626A1501 | 1 |
| Dune   | <b>SRL-1-85 DN</b>  | 2CLA852626A6201 | 1 |
| Taupé  | <b>SRL-1-85 TP</b>  | 2CLA852626A6301 | 1 |
| Comodoro   | <b>SRL-1-85 CM</b>  | 2CLA852626A1901 | 1 |
| Stainless Steel  | <b>SRL-1-85 AI</b>  | 2CLA852626A1401 | 1 |
| Antique Gold   | <b>SRL-1-85 OE</b>  | 2CLA852626A1201 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover plate - KNX 1-gang sensors - Dimmer</b><br>Cover plate for KNX 1-gang sensors code: 6108/06-500.<br>With Dimming symbol. |                 |   |
| Soft White  | <b>SRD-1-85 BL</b>  | 2CLA852625A1101 | 1 |
| Silver  | <b>SRD-1-85 PL</b>  | 2CLA852625A1301 | 1 |
| Soft Black  | <b>SRD-1-85 NS</b>  | 2CLA852625A1501 | 1 |
| Dune  | <b>SRD-1-85-DN</b>  | 2CLA852625A6201 | 1 |
| Taupé   | <b>SRD-1-85-TP</b>  | 2CLA852625A6301 | 1 |
| Comodoro  | <b>SRD-1-85-CM</b>  | 2CLA852625A1901 | 1 |
| Stainless Steel   | <b>SRD-1-85 AI</b>  | 2CLA852625A1401 | 1 |
| Antique Gold  | <b>SRD-1-85 OE</b>  | 2CLA852625A1201 | 1 |


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate - KNX 1-gang sensors - Blind</b><br>Cover plate for KNX 1-gang sensors code: 6108/06-500.<br>With Blind symbol. |                 |          |
| Soft White  | <b>SRB-1-85 BL</b>   | 2CLA852623A1101 | 1        |
| Silver  | <b>SRB-1-85 PL</b>   | 2CLA852623A1301 | 1        |
| Soft Black  | <b>SRB-1-85 NS</b>   | 2CLA852623A1501 | 1        |
| Dune  | <b>SRB-1-85-DN</b>   | 2CLA852623A6201 | 1        |
| Taupé   | <b>SRB-1-85-TP</b>   | 2CLA852623A6301 | 1        |
| Comodoro  | <b>SRB-1-85-CM</b>   | 2CLA852623A1901 | 1        |
| Stainless Steel   | <b>SRB-1-85 AI</b>   | 2CLA852623A1401 | 1        |
| Antique Gold  | <b>SRB-1-85 OE</b>   | 2CLA852623A1201 | 1        |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Cover plate - KNX 1-gang sensors - Scene</b><br>Cover plate for KNX 1-gang sensors code: 6108/06-500.<br>With Scene symbol. |                 |   |
| Soft White   | <b>SRS-1-85 BL</b>   | 2CLA852627A1101 | 1 |
| Silver   | <b>SRS-1-85 PL</b>   | 2CLA852627A1301 | 1 |
| Soft Black   | <b>SRS-1-85 NS</b>   | 2CLA852627A1501 | 1 |
| Dune   | <b>SRS-1-85-DN</b>   | 2CLA852627A6201 | 1 |
| Taupé  | <b>SRS-1-85-TP</b>   | 2CLA852627A6301 | 1 |
| Comodoro   | <b>SRS-1-85-CM</b>   | 2CLA852627A1901 | 1 |
| Stainless Steel  | <b>SRS-1-85 AI</b>   | 2CLA852627A1401 | 1 |
| Antique Gold   | <b>SRS-1-85 OE</b>   | 2CLA852627A1201 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate - KNX 2-gang sensors</b><br>Cover plate for KNX 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SSA-F-2.2.1, SDA-F-2.1.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SSA-F-2.2.1-WL, SDA-F-2.1.1-WL, SBA-F-2.1.1-WL.<br>Without symbol. Suitable for both gangs. |                 |   |
| Soft White  | <b>SR-2-85 BL</b>  | 2CLA852640A1101 | 1 |
| Silver  | <b>SR-2-85 PL</b>  | 2CLA852640A1301 | 1 |
| Soft Black  | <b>SR-2-85 NS</b>  | 2CLA852640A1501 | 1 |
| Dune  | <b>SR-2-85-DN</b>  | 2CLA852640A6201 | 1 |
| Taupé   | <b>SR-2-85-TP</b>  | 2CLA852640A6301 | 1 |
| Comodoro  | <b>SR-2-85-CM</b>  | 2CLA852640A1901 | 1 |
| Stainless Steel   | <b>SR-2-85 AI</b>  | 2CLA852640A1401 | 1 |
| Antique Gold  | <b>SR-2-85 OE</b>  | 2CLA852640A1201 | 1 |


## Sky Niessen & Skymoon - KNX - Building automation


### Cover plates


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate - KNX 2-gang sensors - Switch - Left</b><br>Cover plate for KNX 2-gang sensors code: 6108/07-500.<br>With Light symbol.<br>Suitable for the left gang. |                 |          |
| Soft White  | <b>SRL-2-L-85 BL</b>  | 2CLA852642A1101 | 1        |
| Silver  | <b>SRL-2-L-85 PL</b>  | 2CLA852642A1301 | 1        |
| Soft Black  | <b>SRL-2-L-85 NS</b>  | 2CLA852642A1501 | 1        |
| Dune  | <b>SRL-2-L-85-DN</b>  | 2CLA852642A6201 | 1        |
| Taupé   | <b>SRL-2-L-85-TP</b>  | 2CLA852642A6301 | 1        |
| Comodoro  | <b>SRL-2-L-85-CM</b>  | 2CLA852642A1901 | 1        |
| Stainless Steel   | <b>SRL-2-L-85 AI</b>  | 2CLA852642A1401 | 1        |
| Antique Gold  | <b>SRL-2-L-85 OE</b>  | 2CLA852642A1201 | 1        |

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Cover plate - KNX 2-gang sensors - Switch - Right</b><br>Cover plate for KNX 2-gang sensors code: 6108/07-500.<br>With Light symbol.<br>Suitable for the right gang. |                 |   |
| Soft White   | <b>SRL-2-R-85 BL</b>  | 2CLA852648A1101 | 1 |
| Silver   | <b>SRL-2-R-85 PL</b>  | 2CLA852648A1301 | 1 |
| Soft Black   | <b>SRL-2-R-85 NS</b>  | 2CLA852648A1501 | 1 |
| Dune   | <b>SRL-2-R-85-DN</b>  | 2CLA852648A6201 | 1 |
| Taupé  | <b>SRL-2-R-85-TP</b>  | 2CLA852648A6301 | 1 |
| Comodoro   | <b>SRL-2-R-85-CM</b>  | 2CLA852648A1901 | 1 |
| Stainless Steel  | <b>SRL-2-R-85 AI</b>  | 2CLA852648A1401 | 1 |
| Antique Gold   | <b>SRL-2-R-85 OE</b>  | 2CLA852648A1201 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover plate - KNX 2-gang sensors - Dimmer - Left</b><br>Cover plate for KNX 2-gang sensors code: 6108/07-500.<br>With Dimming symbol.<br>Suitable for the left gang. |                 |   |
| Soft White  | <b>SRD-2-L-85 BL</b>  | 2CLA852641A1101 | 1 |
| Silver  | <b>SRD-2-L-85 PL</b>  | 2CLA852641A1301 | 1 |
| Soft Black  | <b>SRD-2-L-85 NS</b>  | 2CLA852641A1501 | 1 |
| Dune  | <b>SRD-2-L-85-DN</b>  | 2CLA852641A6201 | 1 |
| Taupé   | <b>SRD-2-L-85-TP</b>  | 2CLA852641A6301 | 1 |
| Comodoro  | <b>SRD-2-L-85-CM</b>  | 2CLA852641A1901 | 1 |
| Stainless Steel   | <b>SRD-2-L-85 AI</b>  | 2CLA852641A1401 | 1 |
| Antique Gold  | <b>SRD-2-L-85 OE</b>  | 2CLA852641A1201 | 1 |


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate - KNX 2-gang sensors - Dimmer - Right</b><br>Cover plate for KNX 2-gang sensors code: 6108/07-500.<br>With Dimming symbol.<br>Suitable for the right gang. |                 |          |
| Soft White  | <b>SRD-2-R-85 BL</b>  | 2CLA852640A2101 | 1        |
| Silver  | <b>SRD-2-R-85 PL</b>  | 2CLA852640A2301 | 1        |
| Soft Black  | <b>SRD-2-R-85 NS</b>  | 2CLA852640A2501 | 1        |
| Dune  | <b>SRD-2-R-85-DN</b>  | 2CLA852640A6201 | 1        |
| Taupé   | <b>SRD-2-R-85-TP</b>  | 2CLA852640A6301 | 1        |
| Comodoro  | <b>SRD-2-R-85-CM</b>  | 2CLA852640A1901 | 1        |
| Stainless Steel   | <b>SRD-2-R-85 AI</b>  | 2CLA852640A2401 | 1        |
| Antique Gold  | <b>SRD-2-R-85 OE</b>  | 2CLA852640A2201 | 1        |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Cover plate - KNX 2-gang sensors - Blind</b><br>Cover plate for KNX 2-gang sensors code: 6108/07-500.<br>With Blind symbol.<br>Suitable for both gangs. |                 |   |
| Soft White   | <b>SRB-2-85 BL</b>   | 2CLA852643A1101 | 1 |
| Silver   | <b>SRB-2-85 PL</b>   | 2CLA852643A1301 | 1 |
| Soft Black   | <b>SRB-2-85 NS</b>   | 2CLA852643A1501 | 1 |
| Dune   | <b>SRB-2-85-DN</b>   | 2CLA852643A6201 | 1 |
| Taupé  | <b>SRB-2-85-TP</b>   | 2CLA852643A6301 | 1 |
| Comodoro   | <b>SRB-2-85-CM</b>   | 2CLA852643A1901 | 1 |
| Stainless Steel  | <b>SRB-2-85 AI</b>   | 2CLA852643A1401 | 1 |
| Antique Gold   | <b>SRB-2-85 OE</b>   | 2CLA852643A1201 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate - KNX 2-gang sensors - Scene - Left</b><br>Cover plate for KNX 2-gang sensors code: 6108/07-500.<br>With Scene symbol.<br>Suitable for the left gang. |                 |   |
| Soft White  | <b>SRS-2-L-85 BL</b>   | 2CLA852644A1101 | 1 |
| Silver  | <b>SRS-2-L-85 PL</b>   | 2CLA852644A1301 | 1 |
| Soft Black  | <b>SRS-2-L-85 NS</b>   | 2CLA852644A1501 | 1 |
| Dune  | <b>SRS-2-L-85-DN</b>   | 2CLA852644A6201 | 1 |
| Taupé   | <b>SRS-2-L-85-TP</b>   | 2CLA852644A6301 | 1 |
| Comodoro  | <b>SRS-2-L-85-CM</b>   | 2CLA852644A1901 | 1 |
| Stainless Steel   | <b>SRS-2-L-85 AI</b>   | 2CLA852644A1401 | 1 |
| Antique Gold  | <b>SRS-2-L-85 OE</b>   | 2CLA852644A1201 | 1 |

## Sky Niessen & Skymoon - KNX - Building automation

### Cover plates

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate - KNX 2-gang sensors - Scene - Right</b><br>Cover plate for KNX 2-gang sensors code: 6108/07-500.<br>With Scene symbol.<br>Suitable for the right gang. |                 |          |
| Soft White  | <b>SRS-2-R-85 BL</b>   | 2CLA852647A1101 | 1        |
| Silver  | <b>SRS-2-R-85 PL</b>   | 2CLA852647A1301 | 1        |
| Soft Black  | <b>SRS-2-R-85 NS</b>   | 2CLA852647A1501 | 1        |
| Dune  | <b>SRS-2-R-85-DN</b>   | 2CLA852647A6201 | 1        |
| Taupé   | <b>SRS-2-R-85-TP</b>   | 2CLA852647A6301 | 1        |
| Comodoro  | <b>SRS-2-R-85-CM</b>   | 2CLA852647A1901 | 1        |
| Stainless Steel   | <b>SRS-2-R-85 AI</b>   | 2CLA852647A1401 | 1        |
| Antique Gold  | <b>SRS-2-R-85 OE</b>   | 2CLA852647A1201 | 1        |

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate - KNX RTC with CO2/moisture sensor</b><br>Cover plate for KNX 5-gang RTC and CO2/moisture RTC sensor code: 6109/18-500 and 6109/28-500. |                 |          |
| Soft White  | <b>CP-CO-85 BL</b>   | 2CLA855430A1101 | 1        |
| Silver  | <b>CP-CO-85 PL</b>   | 2CLA855430A1301 | 1        |
| Soft Black  | <b>CP-CO-85 NS</b>   | 2CLA855430A1501 | 1        |
| Stainless Steel   | <b>CP-CO-85 AI</b>   | 2CLA855430A1401 | 1        |
| Antique Gold  | <b>CP-CO-85 OE</b>   | 2CLA855430A1201 | 1        |



**Cover plate - KNX RTC**  
Cover plate with RTC symbols for KNX room temperature controller code: 6108/18-500.

|                 |                     |                 |   |
|-----------------|---------------------|-----------------|---|
| Soft White      | <b>CP-RTC-85 BL</b> | 2CLA854060A1101 | 1 |
| Silver          | <b>CP-RTC-85 PL</b> | 2CLA854060A1301 | 1 |
| Soft Black      | <b>CP-RTC-85 NS</b> | 2CLA854060A1501 | 1 |
| Dune            | <b>CP-RTC-85-DN</b> | 2CLA854060A6201 | 1 |
| Taupé           | <b>CP-RTC-85-TP</b> | 2CLA854060A6301 | 1 |
| Comodoro        | <b>CP-RTC-85-CM</b> | 2CLA854060A1901 | 1 |
| Stainless Steel | <b>CP-RTC-85 AI</b> | 2CLA854060A1401 | 1 |
| Antique Gold    | <b>CP-RTC-85 OE</b> | 2CLA854060A1201 | 1 |



**Cover plate - KNX motion sensor**  
Cover plate for KNX motion sensors code: 6122/98-509.

|                 |                    |                 |   |
|-----------------|--------------------|-----------------|---|
| Soft White      | <b>CP-MD-85 BL</b> | 2CLA854160A1101 | 1 |
| Silver          | <b>CP-MD-85 PL</b> | 2CLA854160A1301 | 1 |
| Soft Black      | <b>CP-MD-85 NS</b> | 2CLA854160A1501 | 1 |
| Dune            | <b>CP-MD-85-DN</b> | 2CLA854160A6201 | 1 |
| Taupé           | <b>CP-MD-85-TP</b> | 2CLA854160A6301 | 1 |
| Comodoro        | <b>CP-MD-85-CM</b> | 2CLA854160A1901 | 1 |
| Stainless Steel | <b>CP-MD-85 AI</b> | 2CLA854160A1401 | 1 |
| Antique Gold    | <b>CP-MD-85 OE</b> | 2CLA854160A1201 | 1 |




**Cover plate - KNX fan coil control**  
Cover plate with fan coil control symbols for KNX room temperature controller code: 6108/18-500.


|                 |                        |                 |   |
|-----------------|------------------------|-----------------|---|
| Soft White      | <b>CP-RTC-FC-85 BL</b> | 2CLA855420A1101 | 1 |
| Silver          | <b>CP-RTC-FC-85 PL</b> | 2CLA855420A1301 | 1 |
| Soft Black      | <b>CP-RTC-FC-85 NS</b> | 2CLA855420A1501 | 1 |
| Dune            | <b>CP-RTC-FC-85-DN</b> | 2CLA855420A6201 | 1 |
| Taupé           | <b>CP-RTC-FC-85-TP</b> | 2CLA855420A6301 | 1 |
| Comodoro        | <b>CP-RTC-FC-85-CM</b> | 2CLA855420A1901 | 1 |
| Stainless Steel | <b>CP-RTC-FC-85 AI</b> | 2CLA855420A1401 | 1 |
| Antique Gold    | <b>CP-RTC-FC-85 OE</b> | 2CLA855420A1201 | 1 |

## Sky Niessen & Skymoon - Frames


### Soft White

| Product   | Article-No.                                       | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Frames 1 to 5-gang - Soft White</b>            |                 |          |
|   | Size (height x width):                            |                 |          |
|   | - 1-gang: 86 x 86 mm.      - 4-gang: 86 x 299 mm. |                 |          |
|   | - 2-gang: 86 x 157 mm.    - 5-gang: 86 x 370 mm.  |                 |          |
|   | - 3-gang: 86 x 228 mm.                            |                 |          |
|   | Flush mounting boxes code: 1199, 1999 & 1999.2.   |                 |          |
|   | Surface mounting boxes code: 8591, 8592 & 8593.   |                 |          |
| 1-gang  | <b>8571 BL</b>                                    | 2CLA857100A1101 | 20       |
| 2-gang  | <b>8572 BL</b>                                    | 2CLA857200A1101 | 20       |
| 3-gang  | <b>8573 BL</b>                                    | 2CLA857300A1101 | 10       |
| 4-gang  | <b>8574 BL</b>                                    | 2CLA857400A1101 | 5        |
| 5-gang  | <b>8575 BL</b>                                    | 2CLA857500A1101 | 5        |


### Soft White Basic

| Product  | Article-No.                                       | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Basic - Soft White</b>    |                 |          |
|  | Size (height x width):                            |                 |          |
|  | - 1-gang: 86 x 86 mm.      - 3-gang: 86 x 228 mm. |                 |          |
|  | - 2-gang: 86 x 157 mm.    - 4-gang: 86 x 299 mm.  |                 |          |
|  | Flush mounting boxes code: 1199, 1999 & 1999.2.   |                 |          |
|  | Surface mounting boxes code: 8591, 8592 & 8593.   |                 |          |
| 1-gang   | <b>8571.1 BL</b>                                  | 2CLA857110A1101 | 20       |
| 2-gang   | <b>8572.1 BL</b>                                  | 2CLA857210A1101 | 20       |
| 3-gang   | <b>8573.1 BL</b>                                  | 2CLA857310A1101 | 10       |
| 4-gang   | <b>8574.1 BL</b>                                  | 2CLA857410A1101 | 5        |


### Silver

| Product   | Article-No.                                       | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Frames 1 to 5-gang - Silver</b>                |                 |          |
|   | Size (height x width):                            |                 |          |
|   | - 1-gang: 86 x 86 mm.      - 4-gang: 86 x 299 mm. |                 |          |
|   | - 2-gang: 86 x 157 mm.    - 5-gang: 86 x 370 mm.  |                 |          |
|   | - 3-gang: 86 x 228 mm.                            |                 |          |
|   | Flush mounting boxes code: 1199, 1999 & 1999.2.   |                 |          |
|   | Surface mounting boxes code: 8591, 8592 & 8593.   |                 |          |
| 1-gang  | <b>8571 PL</b>                                    | 2CLA857100A1301 | 20       |
| 2-gang  | <b>8572 PL</b>                                    | 2CLA857200A1301 | 20       |
| 3-gang  | <b>8573 PL</b>                                    | 2CLA857300A1301 | 10       |
| 4-gang  | <b>8574 PL</b>                                    | 2CLA857400A1301 | 5        |
| 5-gang  | <b>8575 PL</b>                                    | 2CLA857500A1301 | 5        |


### Soft Black

| Product   | Article-No.                                       | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Frames 1 to 5-gang - Soft Black</b>            |                 |          |
|   | Size (height x width):                            |                 |          |
|   | - 1-gang: 86 x 86 mm.      - 4-gang: 86 x 299 mm. |                 |          |
|   | - 2-gang: 86 x 157 mm.    - 5-gang: 86 x 370 mm.  |                 |          |
|   | - 3-gang: 86 x 228 mm.                            |                 |          |
|   | Flush mounting boxes code: 1199, 1999 & 1999.2.   |                 |          |
|   | Surface mounting boxes code: 8591, 8592 & 8593.   |                 |          |
| 1-gang  | <b>8571 NS</b>                                    | 2CLA857100A1501 | 20       |
| 2-gang  | <b>8572 NS</b>                                    | 2CLA857200A1501 | 20       |
| 3-gang  | <b>8573 NS</b>                                    | 2CLA857300A1501 | 10       |
| 4-gang  | <b>8574 NS</b>                                    | 2CLA857400A1501 | 5        |
| 5-gang  | <b>8575 SB</b>                                    | 2CLA857500A1501 | 5        |


### Soft White - Taupe

| Product   | Article-No.                                       | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Taupe</b>                 |                 |          |
|   | Size (height x width):                            |                 |          |
|   | - 1-gang: 86 x 86 mm.      - 4-gang: 86 x 299 mm. |                 |          |
|   | - 2-gang: 86 x 157 mm.    - 5-gang: 86 x 370 mm.  |                 |          |
|   | - 3-gang: 86 x 228 mm.                            |                 |          |
|   | Flush mounting boxes code: 1199, 1999 & 1999.2.   |                 |          |
|   | Surface mounting boxes code: 8591, 8592 & 8593.   |                 |          |
| 1-gang  | <b>8571 TP</b>                                    | 2CLA857100A6301 | 20       |
| 2-gang  | <b>8572 TP</b>                                    | 2CLA857200A6301 | 20       |
| 3-gang  | <b>8573 TP</b>                                    | 2CLA857300A6301 | 10       |
| 4-gang  | <b>8574 TP</b>                                    | 2CLA857400A6301 | 5        |
| 5-gang  | <b>8575 TP</b>                                    | 2CLA857500A6301 | 5        |

### Dune


| Product  | Article-No.                                       | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Dune</b>                  |                 |          |
|  | Size (height x width):                            |                 |          |
|  | - 1-gang: 86 x 86 mm.      - 4-gang: 86 x 299 mm. |                 |          |
|  | - 2-gang: 86 x 157 mm.    - 5-gang: 86 x 370 mm.  |                 |          |
|  | - 3-gang: 86 x 228 mm.                            |                 |          |
|  | Flush mounting boxes code: 1199, 1999 & 1999.2.   |                 |          |
|  | Surface mounting boxes code: 8591, 8592 & 8593.   |                 |          |
| 1-gang   | <b>8571 DN</b>                                    | 2CLA857100A6201 | 20       |
| 2-gang   | <b>8572 DN</b>                                    | 2CLA857200A6201 | 20       |
| 3-gang   | <b>8573 DN</b>                                    | 2CLA857300A6201 | 10       |
| 4-gang   | <b>8574 DN</b>                                    | 2CLA857400A6201 | 5        |
| 5-gang   | <b>8575 DN</b>                                    | 2CLA857500A6201 | 5        |

### Comodoro


| Product   | Article-No.                                       | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Comodoro</b>              |                 |          |
|   | Size (height x width):                            |                 |          |
|   | - 1-gang: 86 x 86 mm.      - 4-gang: 86 x 299 mm. |                 |          |
|   | - 2-gang: 86 x 157 mm.    - 5-gang: 86 x 370 mm.  |                 |          |
|   | - 3-gang: 86 x 228 mm.                            |                 |          |
|   | Flush mounting boxes code: 1199, 1999 & 1999.2.   |                 |          |
|   | Surface mounting boxes code: 8591, 8592 & 8593.   |                 |          |
| 1-gang  | <b>8571 CM</b>                                    | 2CLA857100A1901 | 20       |
| 2-gang  | <b>8572 CM</b>                                    | 2CLA857200A1901 | 20       |
| 3-gang  | <b>8573 CM</b>                                    | 2CLA857300A1901 | 10       |
| 4-gang  | <b>8574 CM</b>                                    | 2CLA857400A1901 | 5        |
| 5-gang  | <b>8575 CM</b>                                    | 2CLA857500A1901 | 5        |

## Sky Niessen & Skymoon - Frames


### Stainless Steel

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Noble - Stainless Steel</b><br>Material: anti-fingerprint stainless steel.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>- 4-gang: 86 x 299 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang  | <b>8571 AI</b>  | 2CLA857100A1401 | 10       |
| 2-gang  | <b>8572 AI</b>  | 2CLA857200A1401 | 10       |
| 3-gang  | <b>8573 AI</b>  | 2CLA857300A1401 | 10       |
| 4-gang  | <b>8574 AI</b>  | 2CLA857400A1401 | 5        |


### Ash

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Noble - Ash</b><br>Material: wood.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>- 4-gang: 86 x 299 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang   | <b>8571 FR</b>  | 2CLA857100A2001 | 1        |
| 2-gang   | <b>8572 FR</b>  | 2CLA857200A2001 | 1        |
| 3-gang   | <b>8573 FR</b>  | 2CLA857300A2001 | 1        |
| 4-gang   | <b>8574 FR</b>  | 2CLA857400A2001 | 1        |


### White Glass

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Noble - White Glass</b><br>Material: glass.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>- 4-gang: 86 x 299 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang  | <b>8571 CB</b>   | 2CLA857100A3001 | 1        |
| 2-gang  | <b>8572 CB</b>   | 2CLA857200A3001 | 1        |
| 3-gang  | <b>8573 CB</b>   | 2CLA857300A3001 | 1        |
| 4-gang  | <b>8574 CB</b>   | 2CLA857400A3001 | 1        |


### Antique Gold

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Noble - Antique Gold</b><br>Material: stainless steel.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>- 4-gang: 86 x 299 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang  | <b>8571 OE</b>  | 2CLA857100A1201 | 10       |
| 2-gang  | <b>8572 OE</b>  | 2CLA857200A1201 | 10       |
| 3-gang  | <b>8573 OE</b>  | 2CLA857300A1201 | 10       |
| 4-gang  | <b>8574 OE</b>  | 2CLA857400A1201 | 5        |

### Natural Wenge

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Noble - Natural Wengué</b><br>Material: wood.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>- 4-gang: 86 x 299 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang   | <b>8571 WN</b>   | 2CLA857100A2101 | 1        |
| 2-gang   | <b>8572 WN</b>   | 2CLA857200A2101 | 1        |
| 3-gang   | <b>8573 WN</b>   | 2CLA857300A2101 | 1        |
| 4-gang   | <b>8574 WN</b>   | 2CLA857400A2101 | 1        |




### Black Glass

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Frames 1 to 4-gang - Noble - Black Glass</b><br>Material: glass.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>- 4-gang: 86 x 299 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang  | <b>8571 CN</b>   | 2CLA857100A3101 | 1        |
| 2-gang  | <b>8572 CN</b>   | 2CLA857200A3101 | 1        |
| 3-gang  | <b>8573 CN</b>   | 2CLA857300A3101 | 1        |
| 4-gang  | <b>8574 CN</b>   | 2CLA857400A3101 | 1        |



## Sky Niessen & Skymoon - Installation solutions

### Surface mounting boxes

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Surface mounting box 1-gang</b><br>Size (height x width x depth): 86 x 86 x 43 mm.  |                 |          |
| White   | <b>8591 BL</b>   | 2CLA859100A1101 | 6        |
|  | <b>Surface mounting box 2-gang</b><br>Size (height x width x depth): 86 x 157 x 43 mm. |                 |          |
| White   | <b>8592 BL</b>   | 2CLA859200A1101 | 5        |
|  | <b>Surface mounting box 3-gang</b><br>Size (height x width x depth): 86 x 228 x 43 mm. |                 |          |
| White   | <b>8593 BL</b>   | 2CLA859300A1101 | 1        |

### Flush mounting boxes

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Flush mounting box - Bricks and cement</b><br>Installation box for walls built with bricks or cement.<br>Distance between screws: 60 mm.<br>Allows the input of 2 tubes per each side.<br>Linkable for multigang frames.<br>Included: 2 screws to fix the mounting plate. The screws can be placed in any of the 4 sides to facilitate the installation of the insert in vertical and horizontal. |                 |          |
|   | <b>1199</b>  | 2CLA019900A1001 | 250      |
|    | <b>Flush mounting box - Drywall and partitions</b><br>Installation box for walls built with drywall or partitions.<br>Distance between screws: 60 mm.<br>Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9.<br>Linkable for multigang frames.<br>Included: 2 screws to fix the mounting plate.<br>Shaft diameter: 68 mm.  |                 |          |
|   | <b>999</b>   | 2CLA099909A1001 | 25       |
|  | <b>Flush mounting box - Drywall and partitions</b><br>Double box suitable for 2-gang mounting plates.<br>Installation box for walls built with drywall or partitions.<br>Distance between screws: 60 mm<br>Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9.<br>Included: 4 screws to fix the mounting plate.<br>Shaft diameter: 68 mm.<br>Distance between centers: 71 mm.            |                 |          |
|   | <b>999.2</b>   | 2CLA099920A1001 | 10       |

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# Skymoon

## The finest and most exclusive by Niessen

Skymoon offers minimum protrusion from the wall with a standard installation. Its 6 mm thickness makes it one of the market's thinnest lines. With Skymoon you will have a jewel to decorate the most exclusive environments.



# Maximum slimness 6 mm



**Machined metal switch**  
Also the covers of the functions



**Display**  
Lighting in white



**Chromed outlet cover**  
Available in stainless steel and black finishes



**Perfect integration between switch and frame.**  
Acting as a single assembly

**100% noble materials**  
Available in stainless steel and glass finishes



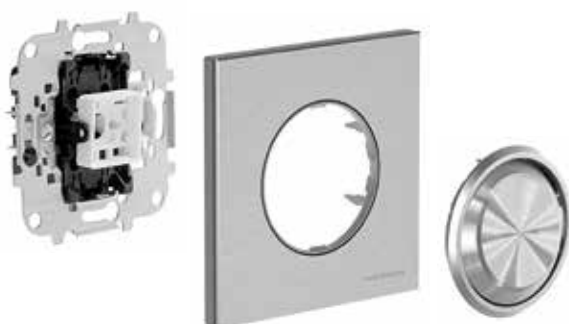
**Eco-design**  
The Sky Niessen & Skymoon switch range has been designed following the Product Design and Development Environmental Management regulations: Eco-design.



# Skymoon line

Skymoon is the ultimate expression of design, with unique class and subtlety. Its innovative design presents technical solutions never seen before. Elegant materials, machined metallic keys, 6mm high with respect to the wall... With the Skymoon line you will achieve that distinctive touch that makes a room a unique space. Its avant-garde design will mean that all eyes will be drawn to the most attractive item in your home or business.

## Switch composition



Insert

Frame

Rocker

## Socket composition



Insert

Frame

Cover

### Characteristics

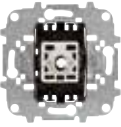
- 250 V~
- 10 AX / 16 AX
- IP21
- CE Compliance Declaration pursuant to:
  - Low Voltage Directive 2006/95/CE
  - European Directive RoHS 2011/65/EU
  - IEC 60669-1
  - UNE-EN 60669-1
  - UNE 20324-REBT-BT27 - IP21
- AENOR certified product pursuant to:
  - UNE-EN 60669-1
  - UNE-EN 60669-1/A1
  - UNE-EN 60669-1/A2

### Characteristics


- 250 V~
- 16 A
- IP21
- Compliant with standards:
  - European Directive RoHS 2011/65/EU
  - IEC 60884-1
  - UNE-EN 20315
  - UNE 20324-REBT-BT27 - IP21
- AENOR certified product pursuant to:
  - UNE 20315-1-1


## Sky Niessen & Skymoon

### 1-way switches


| Product  | Article-No. | Order-No.       | Pack/Qty |
|--|-------------|-----------------|----------|
|  <b>Switch 1-gang, 1-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601, & 8601.3. | <b>8101</b> | 2CLA810100A1001 | 10       |

### 2-way switches


| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <b>Switch 1-gang, 2-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601 & 8601.3. | <b>8102</b> | 2CLA810200A1001 | 10       |


|  |               |                 |    |
|--|---------------|-----------------|----|
|  <b>Switch 1-gang, 2-way, single pole 16A</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601 & 8601.3. | <b>8102.1</b> | 2CLA810210A1001 | 10 |
|--|---------------|-----------------|----|

### Intermediate switches

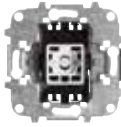
| Product  | Article-No. | Order-No.       | Pack/Qty |
|--|-------------|-----------------|----------|
|  <b>Switch 1-gang, intermediate, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601 & 8601.3. | <b>8110</b> | 2CLA811000A1001 | 10       |


### Switches with indicator lamp

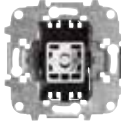
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <b>Switch 1-gang, 1-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>3 wire connection (neutral conductor required).<br>Included: indicator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601.3. | <b>8101.5</b> | 2CLA810150A1001 | 10       |

|  |               |                 |    |
|--|---------------|-----------------|----|
|  <b>Switch 1-gang, 2-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>4 wire connection (neutral conductor required).<br>Indicator: indicator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601.3. | <b>8102.5</b> | 2CLA810250A1001 | 10 |
|--|---------------|-----------------|----|


### Push-buttons


| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <b>Push-button 1-gang, single pole, NO</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>NO: Normally Open.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601 & 8601.3. | <b>8104</b> | 2CLA810400A1001 | 10       |

|  |               |                 |    |
|--|---------------|-----------------|----|
|  <b>Push-button 1-gang, SP, NO w/ locator lamp</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>NO: Normally Open.<br>Screwless terminals.<br>Included: fixing claws.<br>3 wire connection (neutral conductor required).<br>Included: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601.3. | <b>8104.5</b> | 2CLA810450A1001 | 10 |
|--|---------------|-----------------|----|


|   |               |                 |   |
|---|---------------|-----------------|---|
|  <b>Push-button 1-gang, single pole, NC</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10AX.<br>NC: normally closed.<br>Screwless terminals.<br>Included: fixing claws.<br>Optional: locator LED lamp 6192 BL (230 Vac).<br>Rocker code: 8601 & 8601.3. | <b>8104.9</b> | 2CLA810490A1001 | 5 |
|---|---------------|-----------------|---|

### Rockers for switches and push-buttons

| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <b>Rocker for switch, 1-gang</b><br>Rocker for switches code: 8101, 8102, 8102.1 & 8110. |                |                 |          |
| Chrome   | <b>8601 CR</b> | 2CLA860100A1401 | 5        |
| Black Glass  | <b>8601 CN</b> | 2CLA860100A1501 | 5        |






|  |                  |                 |   |
|--|------------------|-----------------|---|
|  <b>Rocker for switch, 1-gang</b><br>Rocker for switches code: 8101, 8102, 8102.1 & 8110. |                  |                 |   |
| Chrome   | <b>8601.3 CR</b> | 2CLA860130A1401 | 5 |
| Black Glass  | <b>8601.3 CN</b> | 2CLA860130A1501 | 5 |

### Indicator / locator LED lamp



| Product  | Article-No.    | Order-No.       | Pack/Qty |
|--|----------------|-----------------|----------|
|  <b>Indicator/locator LED lamp 230Vac</b><br>For 81XX inserts.<br>Lamp: white LED.<br>Long life cycle.<br>Two functions: indicator or locator light.<br>Power consumption: 0,2 mA.<br>Especially recommended for LED and energy saving lamps. |                |                 |          |
| Soft White   | <b>6192 BL</b> | 2CLA819202A1001 | 10       |

## Sky Niessen & Skymoon





### 2-gang switches & push-buttons

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Switch 2-gangs, 1-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Rocker code: 8611.                         |                 |          |
|   | <b>8111</b>  | 2CLA811100A1001 | 10       |
|    | <b>Switch 2-gangs, 2-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Rocker code: 8611.                         |                 |          |
|   | <b>8122</b>  | 2CLA812200A1001 | 10       |
|   | <b>Push-button 2-gangs, single pole, NO</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Without interlock.<br>Included: fixing claws.<br>Rocker code: 8611. |                 |          |
|   | <b>8144.2</b>  | 2CLA814420A1001 | 10       |
|  | <b>Switch 2-way + push-button 1-way NO, SP</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Screwless terminals.<br>Included: fixing claws.<br>Rocker code: 8611.                    |                 |          |
|   | <b>8142</b>  | 2CLA814200A1001 | 10       |
|  | <b>Rocker for switch/push-button, 2-gangs</b><br>Rocker for switch/push-buttons code:<br>8111, 8122, 8144.2 & 8142.  |                 |          |
| Chrome  | <b>8611 CR</b>   | 2CLA861100A1401 | 5        |
| Black Glass   | <b>8611 CN</b>   | 2CLA861100A1501 | 5        |

### Pullcord switches

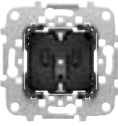

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Pullcord switch 1-gang, 1-way, single pole</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 A.<br>Screwless terminals.<br>Included: fixing claws.<br>Cord length: 2 meters.<br>Cover plate code: 8607. |                 |          |
|   | <b>8148</b>  | 2CLA814800A1001 | 5        |
|  | <b>Cover for pull cord switch</b><br>Cover plate for pullcord switch code: 8148.   |                 |          |
| Chrome  | <b>8607 CR</b>   | 2CLA860700A1401 | 5        |
| Black Glass   | <b>8607 CN</b>   | 2CLA860700A1501 | 5        |

### Blind controls

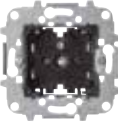

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-button blind control 2-gangs</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Direct control.<br>Interlocked gangs.<br>Included: fixing claws.<br>Rocker code: 8644.  |                 |          |
|   | <b>8144</b>   | 2CLA814400A1001 | 10       |
|  | <b>Switch blind control 2-gangs</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 AX.<br>Direct control.<br>Interlocked gangs.<br>Included: fixing claws.<br>Rocker code: 8644.   |                 |          |
|   | <b>8144.1</b>   | 2CLA814410A1001 | 10       |
|  | <b>Rocker for blind switch/push-button</b><br>Rocker for blind switch/push-button code:<br>8144 & 8144.1.   |                 |          |
| Chrome  | <b>8644 CR</b>  | 2CLA864400A1401 | 5        |
| Black Glass   | <b>8644 CN</b>  | 2CLA864400A1501 | 5        |
|  | <b>Electronic blind control 1-gang</b><br>Rated voltage: 110 - 250 Vac ; 50 / 60 Hz.<br>Rated current: 700VA@230Vac / 350VA@127Vac.<br>Direct control.<br>Functions:<br>- PERS: standard blinds control. Optionally other 8144 inserts can be connected to the 8630.3 to control the blind from other locations.<br>- LAM: venetian type blinds control. Optionally other 8144 inserts can be connected to the 8630.3 to control the blind from other locations.<br>- Centralization (CEN): one 8630.3 can control all the 8630.3 of a line centrally.<br>Without fixing claws. |                 |          |
| Chrome  | <b>8630.3 CR</b>  | 2CLA863030A1401 | 1        |
| Black Glass   | <b>8630.3 CN</b>  | 2CLA863030A1501 | 1        |

## Sky Niessen & Skymoon



### Schuko socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Schuko socket outlet for plain covers</b><br>Rated voltage: 250 Vac.<br>Rated current: 16 A.<br>Type F: 2P + E.<br>Shuttered for child safety.<br>Screw terminals.<br>Without fixing claws.<br>Cover plate code: 8688.9. |                 |          |
|   | <b>8188.9</b>   | 2CLA818890A1001 | 10       |
|  | <b>Flat cover plate for Schuko socket outlet</b><br>Cover plate for Schuko socket outlet code: 8188.9.  |                 |          |
| Chrome  | <b>8688.9 CR</b>  | 2CLA868890A1401 | 5        |
| Black Glass   | <b>8688.9 CN</b>  | 2CLA868890A1501 | 5        |

### French / earth-pin socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>French/Earth-pin socket outlet for plain covers</b><br>Rated voltage: 250 Vac.<br>Rated current: 16 A.<br>Type E: 2P + E.<br>Shuttered for child safety.<br>Screwless terminals.<br>Included: fixing claws.<br>Cover plate code: 8687.9. |                 |          |
|   | <b>8187.9</b>   | 2CLA818790A1001 | 10       |
|  | <b>Flat cover plate for French socket outlet</b><br>Cover plate for Schuko socket outlet code: 8187.9.  |                 |          |
| Chrome  | <b>8687.9 CR</b>  | 2CLA868790A1401 | 5        |
| Black Glass   | <b>8687.9 CN</b>  | 2CLA868790A1501 | 5        |


### USB chargers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>USB charger 1.500mA, 2 outlets</b><br>Input voltage: 100 - 240 Vac $\pm$ 10% ; 50 / 60 Hz.<br>Input current: 0,20 A (with maximum load).<br>Output voltage: 5 Vdc $\pm$ 5%.<br>Output current: 1.500 mA (total for both gangs).<br>Power consumption in stand-by: $\leq$ 0,3W@230Vac.<br>Energy efficiency: $\geq$ 71%.<br>Operating temperature: 0 °C to 35 °C.<br>Mounting grid delivered with the cover plate (without fixing claws).<br>Cover plate code: 8685. |                 |          |
|   | <b>8185</b>  | 2CLA818500A1001 | 1        |
|  | <b>Cover plate for USB charger 1,5A</b><br>Cover plate for USB charger code: 8185.   |                 |          |
| Chrome  | <b>8685 CR</b>   | 2CLA868500A1401 | 5        |
| Black Glass   | <b>8685 CN</b>   | 2CLA868500A1501 | 5        |


## Sky Niessen & Skymoon


### TV outlets


| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <p><b>TV / R terminal outlet</b><br/>TV and R double outlet - Final.<br/>Without filter.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm diam. / IEC female 9,52mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 862 MHz / 5 - 862 MHz / 5 - 862 MHz.<br/>Basic loss (FM / DAB / VHF / UHF):<br/>10,0±0,7 dB / 10,0 ±1,5 dB / 4,0±1,5 dB / 3,0±0,5 dB.<br/>Isolation (FM / TV): &gt;14 / &gt;14.<br/>Return loss (FM / TV): &gt;18 / &gt;10.<br/>Included: fixing claws.<br/>Cover plate code: 8650.</p> | <b>8150</b> | 2CLA815000A1001 | 10       |


|   |               |                 |    |
|---|---------------|-----------------|----|
|  <p><b>TV / R final outlet - CATV outlet</b><br/>TV and R double outlet - CATV outlet - Final.<br/>With filter.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm. diam. / IEC female 9,52mm. diam.<br/>Frequency range (C1 / C2):<br/>5 - 68 &amp; 118 - 1.000 MHz / 87,5 - 108 MHz.<br/>Basic loss (R / FM / TV):<br/>0,3±0,1 dB / 1,1 ±0,3 dB / 0,9±0,3 dB.<br/>Isolation (FM / TV): &gt;18 / &gt;16.<br/>Selectivity (FM / TV): &gt;10 / &gt;18.<br/>Return loss (R / FM / TV): &gt;18 / &gt;16 / &gt;18.<br/>Chroma-luminance delay (ns): &lt;10.<br/>Included: fixing claws.<br/>Cover plate code: 8650.</p> | <b>8150.3</b> | 2CLA815030A1001 | 10 |
|---|---------------|-----------------|----|

|  |               |                 |    |
|--|---------------|-----------------|----|
|  <p><b>TV / R loop-through outlet</b><br/>TV and R double outlet - Intermediate.<br/>Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor.<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm diam. / IEC female 9,52mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz.<br/>Basic loss (FM / DAB / VHF / UHF):<br/>25±1,5 dB / 25 ±1,5 dB / 8,0±0,7 dB / 8,0±0,7 dB.<br/>Through loss (FM / VHF / UHF):<br/>2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB.<br/>Directivity (FM / TV): &gt;12 dB / &gt;9 dB.<br/>Isolation (FM / TV): &gt;16 / &gt;15.<br/>Return loss (FM / TV): &gt;12 / &gt;12.<br/>Included: fixing claws.<br/>Cover plate code: 8650.</p> | <b>8150.7</b> | 2CLA815070A1001 | 10 |
|--|---------------|-----------------|----|

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>TV-R/SAT terminal outlet</b><br/>TV-R and SAT double outlet - Final.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm. diam. / IEC female 9,52mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB.<br/>Isolation (FM / TV / SAT): &gt;45 / &gt;14 / &gt;14.<br/>Selectivity (TV-R / SAT): &gt;15 / &gt;15.<br/>Return loss (VR / FM / TV / SAT): &gt;25 / &gt;25 / &gt;14 / &gt;10.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>Included: fixing claws.<br/>Cover plate code: 8650.</p> | <b>8151.3</b> | 2CLA815130A1001 | 10       |

|  |               |                 |    |
|--|---------------|-----------------|----|
|  <p><b>TV-R/SAT final outlet</b><br/>TV-R and SAT double outlet - Final.<br/>Installation as a terminal outlet connected to a series with loop-through outlets.<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm. diam. / IEC female 9,52mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB.<br/>Isolation (FM / TV / SAT): &gt;20 / &gt;20 / &gt;14.<br/>Return loss (VR / FM / TV / SAT): &gt;16 / &gt;16 / &gt;16 / &gt;9.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>Included: fixing claws.<br/>Cover plate code: 8650.</p> | <b>8151.7</b> | 2CLA815170A1001 | 10 |
|--|---------------|-----------------|----|






|  |               |                 |    |
|--|---------------|-----------------|----|
|  <p><b>TV-R/SAT loop-through outlet</b><br/>TV-R and SAT double outlet - Intermediate<br/>Installation as an intermediate outlet in series connected to each other.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52mm. diam. / IEC female 9,52mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB.<br/>Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0.<br/>Directivity (FM / TV / SAT): &gt;20 / &gt;12 / &gt;5.<br/>Isolation (FM / TV / SAT): &gt;45 / &gt;30 / &gt;28.<br/>Return loss (VR / FM / TV / SAT): &gt;13 / &gt;13 / &gt;12 / &gt;12.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>Included: fixing claws.<br/>Cover plate code: 8650.</p> | <b>8151.8</b> | 2CLA815180A1001 | 10 |
|--|---------------|-----------------|----|





|  |                |                 |    |
|--|----------------|-----------------|----|
|  <p><b>Cover plate for TV-R/SAT outlet</b><br/>Cover plate for TV outlet code:<br/>8150, 8150.3, 8150.7, 8151.3, 8150.7 &amp; 8150.8.</p> |                |                 |    |
| Chrome   | <b>8650 CR</b> | 2CLA865000A1401 | 20 |
| Black Glass  | <b>8650 CN</b> | 2CLA865000A1501 | 20 |



## Sky Niessen & Skymoon


### Telephone & data outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Telephone outlet RJ12</b><br>RJ12 type connector. 6 contacts.<br>Suitable for 2 (6P2C), 4 (6P4C) or 6 (6P6C) RJ11 and RJ12 jacks.<br>Screw terminals.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8618.1 & 8618.2.   |                 |          |
|   | <b>2017.2</b>   | 2CLA201720A1001 | 10       |
|    | <b>Telephone outlet RJ45 Cat.3</b><br>RJ45 type connector.<br>Cat.3.<br>8 contacts.<br>Suitable for 8 (8P8C) RJ45 jacks.<br>Tool-less wiring.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8618.1 & 8618.2.  |                 |          |
|   | <b>2017.3</b>   | 2CLA201730A1001 | 10       |
|   | <b>Data outlet RJ45 Cat.5e UTP</b><br>RJ45 type connector.<br>Cat.5e UTP.<br>In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.<br>Universal TIA/EIA 568A and 568B labeling.<br>Housing: ABS UL-94-0.<br>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.<br>Tool-less wiring.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8618.1 & 8618.2.   |                 |          |
|   | <b>2018.5</b>   | 2CLA201850A1001 | 10       |
|  | <b>Data outlet RJ45 Cat.6 UTP</b><br>RJ45 type connector.<br>Cat.6 UTP.<br>In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.<br>Universal TIA/EIA 568A and 568B labeling.<br>Housing: ABS UL-94-0.<br>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.<br>Tool-less wiring.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8618.1 & 8618.2.   |                 |          |
|   | <b>2018.6</b>   | 2CLA201860A1001 | 10       |
|  | <b>Data outlet RJ45 Cat.6A STP</b><br>RJ45 type connector.<br>Cat.6A STP.<br>In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173.<br>Universal TIA/EIA 568A and 568B Labeling.<br>10 Gb/sec.<br>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).<br>Housing: Zinc Die-casting design for optimal EMI protection.<br>Slim size is ideal for interfaces where the spaces are tight.<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.<br>Tool-less wiring.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8618.1 & 8618.2. |                 |          |
|   | <b>2018.7</b>   | 2CLA201870A1001 | 10       |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Housing for data outlets - Keystone type</b><br>Housing for connectors with Keystone type clipping system.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8618.1 & 8618.2.                |                 |          |
|   | <b>2018</b>   | 2CLA201800A1001 | 10       |
|    | <b>Housing for data outlets - Systimax type</b><br>Housing for connectors with Systimax type clipping system.<br>Mounting grid delivered with the cover plate.<br>Cover plate code: 8618.1 & 8618.2.                |                 |          |
|   | <b>2018.8</b>   | 2CLA201880A1001 | 10       |
|   | <b>Cover plate for data outlet 1-gang</b><br>Cover plate for data outlets code:<br>2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8.<br>Included: mounting grid without claws.<br>Without shutters and labeling area.  |                 |          |
| Chrome  | <b>8618.1 CR</b>  | 2CLA861810A1401 | 2        |
| Black Glass   | <b>8618.1 CN</b>  | 2CLA861810A1501 | 2        |
|  | <b>Cover plate for data outlet 2-gangs</b><br>Cover plate for data outlets code:<br>2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8.<br>Included: mounting grid without claws.<br>Without shutters and labeling area. |                 |          |
| Chrome  | <b>8618.2 CR</b>  | 2CLA861820A1401 | 2        |
| Black Glass   | <b>8618.2 CN</b>  | 2CLA861820A1501 | 2        |

## Sky Niessen & Skymoon



### Light controls - Rotatory dimmers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Universal rotatory/push dimmer</b><br>Rated voltage: 230 Vac / 50 Hz.<br>Min. power: 60 W / VA.<br>Max. power:<br>- Incandescent: 500 W.<br>- Halogen lamp with electronic transformer: 500 VA.<br>- Halogen lamp with ferromagnetic transformer: 400 VA.<br>2 wire connection.<br>Optional: auxiliary control with 8104.X push-buttons.<br>Indicator LED lamp included.<br>Operating temperature: 0 - 30° C.<br>Included:<br>- Cover plate with chrome ring.<br>- Mounting grid without claws. |                 |          |
| Chrome  | <b>8660 CR</b>   | 2CLA866000A1401 | 1        |
| Black Glass   | <b>8660 CN</b>   | 2CLA866000A1501 | 1        |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>LED rotatory/push dimmer</b><br>Rated voltage: 230 Vac ± 10%.<br>Frequency: 50 Hz (Nominal power: 250 W/VA) / 60 Hz (Nominal power: 200 W/VA).<br>Power (min./max load):<br>- LEDi: 2 / 100 W/VA (max. 10 lamps).<br>- Dimmable energy saving lamps: 2 / 100 W/VA (max. 10 lamps).<br>- LV LEDi with transformer (only type L or LC):<br>4 / 100 W / VA (max. 10 lamps).<br>- Incandescent lamps: 10 / 250 W / VA.<br>- Halogen lamps: 10 / 250 W / VA.<br>- LV halogen with transformer (only type L or LC):<br>10 / 250 W/VA (max. 10 lamps).<br>2 wire connection.<br>Optional: auxiliary on/off with 2-way switch 8102.<br>Indicator LED lamp included.<br>Back-up fuse: Electronic.<br>Overload protection: Electronic.<br>Ambient temperature: 0° C to +35° C.<br>Included:<br>- Cover plate with chromes ring.<br>- Mounting grid without claws. |                 |   |
| Chrome   | <b>8660.2 CR</b>   | 2CLA866020A1401 | 1 |
| Black Glass  | <b>8660.2 CN</b>   | 2CLA866020A1501 | 1 |




|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>1-10V rotatory dimmer</b><br>Rated voltage: 127 - 230 Vac / 50 - 60 Hz.<br>Dimmable electronic ballast/driver with 1-10V control input.<br>Max. power:<br>- 230 Vac: 700 VA.<br>- 127 Vac: 350 VA.<br>Max. 6 ballasts per device.<br>Indicator LED lamp included.<br>Included:<br>- Cover plate with chrome ring.<br>- Mounting grid without claws. |                 |   |
| Chrome  | <b>8660.9 CR</b>   | 2CLA866090A1401 | 1 |
| Black Glass   | <b>8660.9 CN</b>   | 2CLA866090A1501 | 1 |

### Buzzer / Door bell

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Buzzer</b><br>Rated voltage: 230 Vac / 50 Hz.<br>Rated power: 8 VA.<br>Adjustable tone.<br>Acoustic power at 1 meter with cover plate: 75 dB.<br>Without fixing claws.<br>Cover plate code: 8629.            |                 |          |
|   | <b>8119</b>   | 2CLA811900A1001 | 10       |
|  | <b>Electronic door bell with 4 melodies</b><br>Rated voltage: 110 - 250 Vac.<br>4 melodies available.<br>Acoustic power at 1 meter with cover plate: 72 dB.<br>Without fixing claws.<br>Cover plate code: 8629. |                 |          |
|   | <b>8124.2</b>   | 2CLA812420A1001 | 1        |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Cover plate for buzzer/door bell</b><br>Cover plate for buzzer / door bell code: 8119 & 8124.2. |                 |   |
| Chrome   | <b>8629 CR</b>   | 2CLA862900A1401 | 5 |
| Black Glass  | <b>8629 CN</b>   | 2CLA862900A1501 | 5 |

### Blank covers / Cable outlets


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Blank cover plate</b><br>Included: mounting grid and cover plate.<br>Without fixing claws.  |                 |          |
| Chrome  | <b>8600 CR</b>   | 2CLA860000A1401 | 2        |
| Black Glass   | <b>8600 CN</b>   | 2CLA860000A1501 | 2        |
|  | <b>Cable outlet</b><br>3 connection screw terminals up to 2,5 mm <sup>2</sup> .<br>Cable tie included.<br>Included: fixing claws.<br>Cover plate code: 8607. |                 |          |
|   | <b>8107</b>  | 2CLA810700A1001 | 10       |
|  | <b>Cover plate for cable outlet</b><br>Cover plate for cable outlet code: 8107.  |                 |          |
| Chrome  | <b>8607 CR</b>   | 2CLA860700A1401 | 5        |
| Black Glass   | <b>8607 CN</b>   | 2CLA860700A1501 | 5        |

## Sky Niessen & Skymoon - Frames


### White Glass

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Frames 1 to 3-gang - Noble - White Glass</b><br>Material: glass.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang  | <b>8671 CB</b>   | 2CLA867100A3001 | 1        |
| 2-gang  | <b>8672 CB</b>   | 2CLA867200A3001 | 1        |
| 3-gang  | <b>8673 CB</b>   | 2CLA867300A3001 | 1        |

### Black Glass

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>Frames 1 to 3-gang - Noble - Black Glass</b><br>Material: glass.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang   | <b>8671 CN</b>   | 2CLA867100A3101 | 1        |
| 2-gang   | <b>8672 CN</b>   | 2CLA867200A3101 | 1        |
| 3-gang   | <b>8673 CN</b>   | 2CLA867300A3101 | 1        |

### Stainless Steel

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Frames 1 to 3-gang - Noble - Stainless Steel</b><br>Material: stainless steel.<br>Size (height x width):<br>- 1-gang: 86 x 86 mm.<br>- 2-gang: 86 x 157 mm.<br>- 3-gang: 86 x 228 mm.<br>Flush mounting boxes code: 1199, 1999 & 1999.2.<br>Surface mounting boxes code: 8591, 8592 & 8593. |                 |          |
| 1-gang  | <b>8671 OX</b>   | 2CLA867100A4001 | 1        |
| 2-gang  | <b>8672 OX</b>   | 2CLA867200A4001 | 1        |
| 3-gang  | <b>8673 OX</b>   | 2CLA867300A4001 | 10       |

# Impressivo

## Zest for life.

Convenient, adaptable and modular. Has got the ability to do whatever you can imagine. A modern design combined with functions which meet all requirements of contemporary living. Impressivo amazes with its flexibility. Flush and surface mounting is possible in common dry and wet environments.

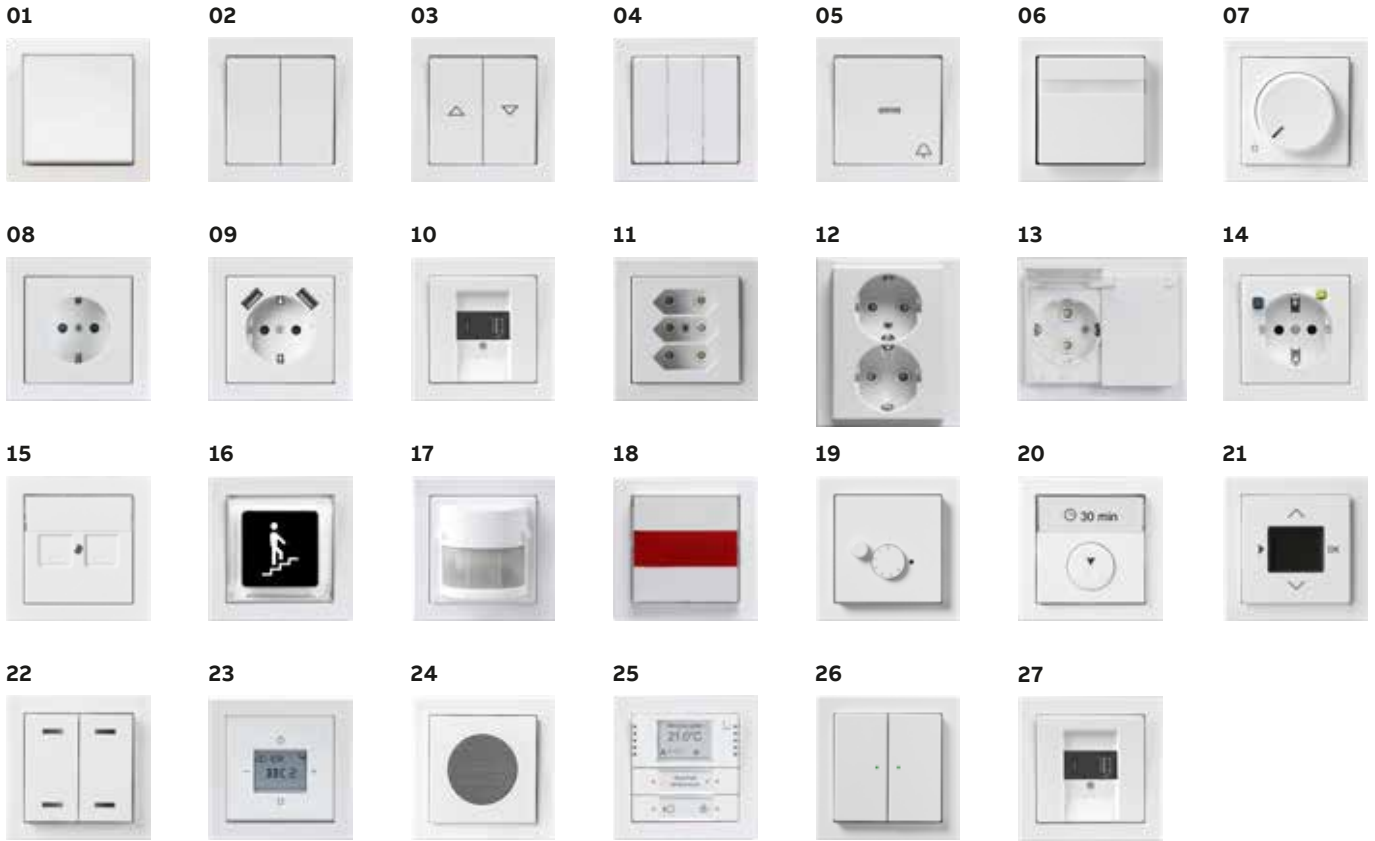


- 01 white
- 02 aluminium
- 03 anthracite
- 04 black matt

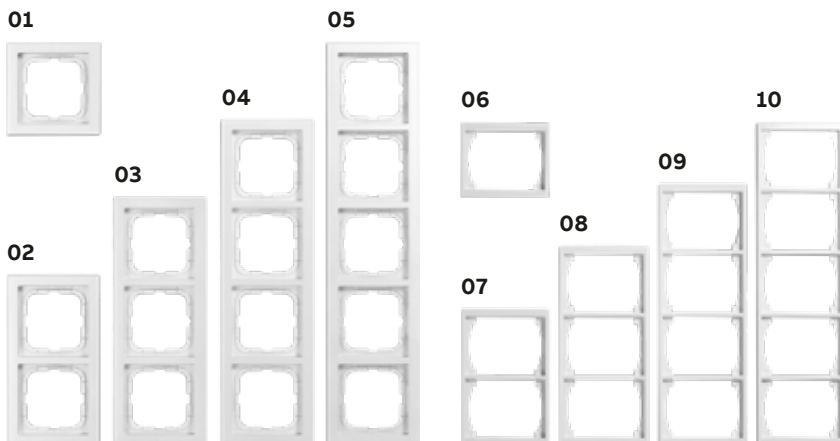
Materials  
UV-resistant, free of PVC and halogen.

# Impressivo

Selected functions.



- |  |   |  |
|--|---|--|
| 01 Rocker switch 1-gang                | 10 USB power adapter insert, 2x USB A   | 19 Thermostat                          |
| 02 Rocker switch 2-gang                | 11 Euro socket outlet                   | 20 Timer                               |
| 03 2-gang push switch                  | 12 Double SCHUKO® socket outlet         | 21 Timer                               |
| 04 3-gang 1-way switch                 | 13 2-gang SCHUKO® socket outlet, IP 44  | 22 4/2-gang push button panel          |
| 05 Switch rocker 1-gang, "bell" symbol | 14 Residual current device              | 23 Busch-Radio DAB+                    |
| 06 Comfort switch                      | 15 RJ45 outlet with sliding dust covers | 24 Loudspeaker for DigitalRadio        |
| 07 Rotary dimmer                       | 16 IceLight with symbol                 | 25 KNX-thermostat                      |
| 08 SCHUKO® socket outlet               | 17 Movement detector                    | 26 ABB-free@home®, 2-gang switch       |
| 09 SCHUKO® USB socket outlet, 2x USB A | 18 LED signal light                     | 27 USB power adapter insert, USB A & C |



1- to 5-gang cover frame for horizontal and vertical installation

- 01 85 mm x 85 mm
- 02 85 mm x 156 mm
- 03 85 mm x 227 mm
- 04 85 mm x 298 mm
- 05 85 mm x 369 mm

1- to 5-gang cover frame for double socket outlets, for horizontal and vertical installation



- 06 100 mm x 85 mm
- 07 100 mm x 156 mm
- 08 100 mm x 227 mm
- 09 100 mm x 298 mm
- 10 100 mm x 369 mm






For more information about light switch ranges visit ABB global web sites.

## Impressivo





### Rocker switches, push switches



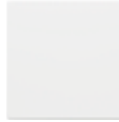

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|    | <b>Flush mounting 1-gang switches, IP21</b><br>Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.               |              |          |
| <b>Includes switch insert and rocker</b>  |   |              |          |
| white   | 1-gang 2-way switch, 16AX/250V, 2 X-terminals<br><b>1066UC-84</b>   | 2TKA00000419 | 1/10     |
| white   | 1-gang intermediate switch, 16AX/250V, 2 X-terminals<br><b>1067UC-84</b>  | 2TKA00000422 | 1/10     |
| <b>Modular</b>  |   |              |          |
|   | 1-gang 2-way switch insert, 16AX/250V, 2 X-terminals, lamp possibility<br><b>1066.21</b>  | 2TKA000175G1 | 10/100   |
|   | 1-gang intermediate switch insert, 16AX/250V, 2 X-terminals, lamp possibility<br><b>1067.21</b>   | 2TKA000201G1 | 10/100   |
|   | Double pole 1-gang 2-way switch insert, 16AX/250V, no X-terminals, lamp possibility<br><b>10662.00</b>  | 2TKA000177G1 | 10/100   |
| white   | Switch rocker, 1-gang<br><b>1786-84</b>   | 2TKA000543G1 | 1/10     |
| anthracite  | Switch rocker, 1-gang<br><b>1786-81</b>   | 2TKA000541G1 | 1/10     |
| aluminium   | Switch rocker, 1-gang<br><b>1786-83</b>   | 2TKA000542G1 | 1/10     |
|  | <b>Flush mounting 1-gang 1-way push switch, IP21</b><br>Push switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21. |              |          |
| <b>Includes switch insert and rocker</b>  |   |              |          |
| white   | 1-gang 2-way push switch, 16A/250V, 1N terminal<br><b>1466UC-84</b>   | 2TKA00000430 | 1/10     |
| <b>Modular</b>  |   |              |          |
|   | 1-gang 1-way push switch insert 16A/250V, 2 X-terminals, lamp possibility<br><b>1461.21</b>   | 2TKA000227G1 | 10/100   |
| white   | Switch rocker, 1-gang<br><b>1786-84</b>   | 2TKA000543G1 | 1/10     |
| anthracite  | Switch rocker, 1-gang<br><b>1786-81</b>   | 2TKA000541G1 | 1/10     |
| aluminium   | Switch rocker, 1-gang<br><b>1786-83</b>   | 2TKA000542G1 | 1/10     |
| white   | Switch rocker, 1-gang, "light" symbol, lens<br><b>1789LI-84</b>   | 2TKA000569G1 | 1/10     |
| anthracite  | Switch rocker, 1-gang, "light" symbol, lens<br><b>1789LI-81</b>   | 2TKA000567G1 | 1/10     |
| aluminium   | Switch rocker, 1-gang, "light" symbol, lens<br><b>1789LI-83</b>   | 2TKA000568G1 | 1/10     |

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|    | <b>Flush mounting 2-pole switch, IP21</b><br>Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.   |              |          |
| <b>Includes switch insert and rocker</b>  |   |              |          |
| white   | 2-pole 1-gang 1-way switch, 16AX/250V, 2 X-terminals<br><b>1062UC-84</b>  | 2TKA00000407 | 1/10     |
| <b>Modular</b>  |   |              |          |
|   | Switch insert, 16AX/250V, 2-pole, 2 X-terminals, lamp possibility<br><b>1062.21</b>   | 2TKA000130G1 | 10/100   |
| anthracite  | Switch rocker, 1-gang, red lens, "1/0" symbol<br><b>1788-81</b>   | 2TKA000549G1 | 1/10     |
| aluminium   | Switch rocker, 1-gang, red lens, "1/0" symbol<br><b>1788-83</b>   | 2TKA000550G1 | 1/10     |
|   | <b>Flush mounting 2-gang switches, IP21</b><br>Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.   |              |          |
| <b>Includes switch insert and rocker</b>  |   |              |          |
| white   | 2-gang 1-way switch, 16AX/250V, 2 X-terminals<br><b>1065UC-84</b>   | 2TKA00000413 | 1/10     |
| white   | 2-gang 2-way switch, 16AX/250V, no X-terminals<br><b>10666UC-84</b>   | 2TKA00000416 | 1/10     |
| <b>Modular</b>  |   |              |          |
|   | 2-gang 1-way switch insert, 16AX/250V, 2 X-terminals, no lamp possibility<br><b>1065.20</b>   | 2TKA000158G1 | 10/100   |
|   | 2-gang 2-way switch insert, 16AX/250V, no X-terminals, no lamp possibility<br><b>10666.00</b>   | 2TKA000179G1 | 10/100   |
| white   | Switch rocker, 2-gang<br><b>1785-84</b>   | 2TKA000523G1 | 1/10     |
| anthracite  | Switch rocker, 2-gang<br><b>1785-81</b>   | 2TKA000521G1 | 1/10     |
| aluminium   | Switch rocker, 2-gang<br><b>1785-83</b>   | 2TKA000522G1 | 1/10     |
|  | <b>Flush mounting 2-pole + 1-way switch, IP21</b><br>The switch has one 1-way switch and one 2-pole 1 switch together. Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21. No X-terminals. |              |          |
| <b>Includes switch insert and rocker</b>  |   |              |          |
| white   | <b>10621UC-84</b>   | 2TKA00000404 | 1/10     |
| anthracite  | <b>10621UC-81</b>   | 2TKA00000402 | 1/10     |
| aluminium   | <b>10621UC-83</b>   | 2TKA00000403 | 1/10     |

## Impressivo






### Rocker switches, push switches



| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|    | <b>2-gang push switch inserts</b><br>2-gang push switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.   |              |          |
| <b>Modular</b>  |   |              |          |
|   | Push switch insert 10A/250V, for up/down control<br><b>2020/4U-101</b> 2TKA000640G1 10/100  |              |          |
| white   | <b>1785JA-84</b>  | 2TKA000532G1 | 1/10     |
| anthracite  | <b>1785JA-81</b>  | 2TKA000530G1 | 1/10     |
| aluminium   | <b>1785JA-83</b>  | 2TKA000531G1 | 1/10     |
|   | <b>Flush mounting 3-gang 1-way switch, IP21</b><br>Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.   |              |          |
| <b>Includes switch insert and rocker</b>  |   |              |          |
| white   | <b>10631UC-84</b>   | 2TKA00000410 | 1/10     |
| <b>Modular</b>  |   |              |          |
|   | 3-gang 1-way switch insert, 16AX/250V, no X-terminals, no lamp possibility<br><b>10631.00</b> 2TKA000147G1 10/100   |              |          |
| anthracite  | <b>1783-81</b>  | 2TKA000514G1 | 1/10     |
| aluminium   | <b>1783-83</b>  | 2TKA000515G1 | 1/10     |
|  | <b>Flush mounting 1-gang 2-way switch, IP44</b><br>Product includes switch insert, rocker, cover frame, screw-mounted rocker frame and seal. Screwless terminals are for max 2 rigid wires. Flush mounting on rough surface IP44.<br>16AX/250V, no X-terminals. |              |          |
|   | <b>1066UW-84</b>  | 2TKA000200G1 | 1/10     |
|  | <b>Flush mounting 2-gang 1-way switch, IP44</b><br>Product includes switch insert, rocker, cover frame, screw-mounted rocker frame and seal. Screwless terminals are for max 2 rigid wires. Flush mounting on rough surface IP44.<br>16AX/250V, no X-terminals  |              |          |
|   | <b>1065UW-84</b>  | 2TKA000173G1 | 1/10     |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|    | <b>Card switch</b><br>Card switch can be used, for example, as a hotel room "main switch". The card switch is operated with a credit card sized card. Delivery includes a 230V lamp.   |              |          |
|   | Card switch insert, 16AX/250V, 2-pole, no X terminals, lamp included<br><b>8114.1</b> 2TKA003950G1 10/100  |              |          |
| white   | <b>1792-84</b>   | 2TKA000581G1 | 1/10     |
| anthracite  | <b>1792-81</b>   | 2TKA000579G1 | 1/10     |
| aluminium   | <b>1792-83</b>   | 2TKA000580G1 | 1/10     |
|   | Lamp, 230V/1.5mA, fluorescent, for card switch<br><b>8331</b> 2TKA000042G1 10/100  |              |          |
|   | <b>Push button panel 4/2-gang, 5-24V ac/dc</b><br>4/2-gang push button panel to control bistable relays or electronic control systems. Load capacity 1A AC/DC. White LED-light with adjustable illumination. Installation on surface or on top of a standard flush mounting box.   |              |          |
| white   | <b>FAP1204-84</b>  | 2TKA00000915 | 1/10     |
| anthracite  | <b>FAP1204-81</b>  | 2TKA00000913 | 1/10     |
| aluminium   | <b>FAP1204-83</b>  | 2TKA00000914 | 1/10     |
| black matt  | <b>FAP1204-885</b>   | 2TKA00004486 | 1/10     |
|  | <b>1-gang rockers, IP21/IP44</b><br>1-gang rockers for all 1-gang switch inserts. Flush- and surface mounting: Protection class IP21, and IP44 with a seal and screw fastening rocker frame.   |              |          |
| white   | <b>1786-84</b>   | 2TKA000543G1 | 1/10     |
| anthracite  | <b>1786-81</b>   | 2TKA000541G1 | 1/10     |
| aluminium   | <b>1786-83</b>   | 2TKA000542G1 | 1/10     |
|  | <b>1-gang rockers with name plate, IP21/IP44</b><br>1-gang rockers for all 1-gang switch inserts. Flush- and surface mounting: Protection class IP21, and IP44 with a seal and screw fastening rocker frame. The rockers have a name plate (59,7 mm x 11,7 mm) with a strip for writing. The delivery includes one blank strip and one strip with the text "MASTER". |              |          |
| white   | <b>1764NLI-84</b>  | 2TKA000492G1 | 1/10     |
| anthracite  | <b>1764NLI-81</b>  | 2TKA000490G1 | 1/10     |
| aluminium   | <b>1764NLI-83</b>  | 2TKA000491G1 | 1/10     |

## Impressivo

### Rocker switches, push switches


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|    | <b>1-gang rockers with red lens, IP21/IP44</b><br>1-gang rockers for all 1-gang switch inserts. Flush- and surface mounting: Protection class IP21, and IP44 with a seal and screw fastening rocker frame. The rockers contain a red lens.   |              |          |
| white   | Switch rocker, 1-gang, red lens<br><b>1789-84</b>  | 2TKA000559G1 | 1/10     |
| anthracite  | Switch rocker, 1-gang, red lens<br><b>1789-81</b>  | 2TKA000557G1 | 1/10     |
| aluminium   | Switch rocker, 1-gang, red lens<br><b>1789-83</b>  | 2TKA000558G1 | 1/10     |
|    | <b>1-gang rockers with transparent lens and "light" symbol, IP21/IP44</b><br>1-gang rockers for all 1-gang switch inserts. Flush- and surface mounting: Protection class IP21, and IP44 with a seal and screw fastening rocker frame. The rocker contains transparent lens and "Light" symbol. |              |          |
| white   | Switch rocker, 1-gang, transparent lens and "light" symbol<br><b>1789LI-84</b>   | 2TKA000569G1 | 1/10     |
| anthracite  | Switch rocker, 1-gang, transparent lens and "light" symbol<br><b>1789LI-81</b>   | 2TKA000567G1 | 1/10     |
| aluminium   | Switch rocker, 1-gang, transparent lens and "light" symbol<br><b>1789LI-83</b>   | 2TKA000568G1 | 1/10     |
|  | <b>1-gang rockers with transparent lens and "key" symbol, IP21/IP44</b><br>1-gang rockers for all 1-gang switch inserts. Flush- and surface mounting: Protection class IP21, and IP44 with a seal and screw fastening rocker frame. The rocker contains transparent lens and "key" symbol.     |              |          |
| white   | Switch rocker, 1-gang, transparent lens and "key" symbol<br><b>1789TR-84</b>   | 2TKA000574G1 | 1/10     |
| anthracite  | Switch rocker, 1-gang, transparent lens and "key" symbol<br><b>1789TR-81</b>   | 2TKA000572G1 | 1/10     |
| aluminium   | Switch rocker, 1-gang, transparent lens and "key" symbol<br><b>1789TR-83</b>   | 2TKA000573G1 | 1/10     |
|  | <b>1-gang rockers with transparent lens and "bell" symbol, IP21/IP44</b><br>1-gang rockers for all 1-gang switch inserts. Flush- and surface mounting: Protection class IP21, and IP44 with a seal and screw fastening rocker frame. The rocker contains transparent lens and "bell" symbol.   |              |          |
| white   | Switch rocker, 1-gang, transparent lens and "bell" symbol<br><b>1789KL-84</b>  | 2TKA000564G1 | 1/10     |
| anthracite  | Switch rocker, 1-gang, transparent lens and "bell" symbol<br><b>1789KL-81</b>  | 2TKA000562G1 | 1/10     |
| aluminium   | Switch rocker, 1-gang, transparent lens and "bell" symbol<br><b>1789KL-83</b>  | 2TKA000563G1 | 1/10     |
|  | <b>Seal for switches, IP44</b><br>Seal for 85mm cover frame. Switches and push switches are IP21 when installed on a rough surface with a seal. Protection class is IP44 when using screw-mounted rocker frame with a seal.  |              |          |
|   | <b>2463</b>  | 2TKA000002G1 | 20/200   |

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Screw-mounted rocker frames, IP44</b><br>Screw-mounted rocker frames are used with the seals 2463 or 2464 to reach IP44 protection class on switches and push switches. Furthermore, it can be used to connect the switch frame to the insert for improved security. |              |          |
|   | Supporting frame for 1/3-gang rocker, screw fastening<br><b>2474</b>  | 2TKA000004G1 | 20/200   |
|   | Supporting frame for 2-gang rocker, screw fastening<br><b>2475</b>  | 2TKA000005G1 | 20/200   |
|  | <b>Lamps for switches</b><br>Lamps for switches and push buttons. Lamps can be installed in 1-gang switch inserts that include the signal-/search light possibility. Lamps can't be installed in 2- or 3-gang switch inserts.   |              |          |
|   | Lamp, 230V/0.4mA, fluorescent, for 1-gang switches<br><b>8370</b>   | 2TKA000045G1 | 10/100   |
|   | Lamp, 230V/2mA, fluorescent, for 1-gang switches<br><b>8372</b>   | 2TKA000047G1 | 10/100   |
|   | Lamp, 24V/22mA, incandescent, for 1-gang switches<br><b>8375</b>  | 2TKA000048G1 | 10/100   |
|   | Lamp, 12V/40mA, incandescent, for 1-gang switches<br><b>8376</b>  | 2TKA000049G1 | 10/100   |
|   | Lamp, 230V/1.5mA, fluorescent, for card switch<br><b>8331</b>   | 2TKA000042G1 | 10/100   |
|   | Lamp, 250V/0.4mA, LED, for 1-gang switches<br><b>8370R</b>  | 2TKA00003241 | 10/100   |
|   | Lamp, 5-24V/0,5-2,5mA, LED, for 1-gang switches<br><b>8375R</b>   | 2TKA00003242 | 10/100   |






# Impressivo


## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <p><b>Bluetooth smart switch semi complete.</b><br/>Bluetooth Low Energy (BLE) smart switch semi complete set.<br/>Wall transmitter, 2/4 channels.<br/>Consisting of BLE smart switch insert 6716 UBT, 2gang rocker 6736 FoH-8xx for smart switches, fixing plate and intermediate ring.<br/>Smarter light switch for wireless remote control of BLE radio devices.<br/>Compatible with Bluetooth ecosystems of following companies: aruba, Casambi, enlightened, Fulham, Helvar, Hytronik, Lumobi, Qeedji, SILVAIR, Blu2Light (Vossloh Schwabe), WISILICIA, XICATO Controls.</p> <ul style="list-style-type: none"> <li>• For saving, calling up and dimming individual light scenes.</li> <li>• Battery-free switch, no connection to mains voltage (230 V~) required.</li> <li>• Particularly environmentally friendly, sustainable and maintenance-free. Transmission energy is generated when switching (energy harvesting).</li> <li>• Maximum functional reliability through Bluetooth mesh technology.</li> <li>• Combinable with the Busch-Jaeger switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, future® linear and Impressivo.</li> <li>• Can be mounted freely in the room with the enclosed adhesive tape and fixing plate.<br/>Including fixing plate for mounting on smooth walls or on switch boxes.</li> </ul> |                 |          |
| studio white  | <b>6716/01 UJ-84-510</b>  | 2CKA006730A0158 | 1        |
| black matt <sup>1)</sup>  | <b>6716/01 UJ-885-510</b>   | 2CKA006730A0159 | 1        |

<sup>1)</sup> Surface painted.

|   |   |                 |      |
|---|---|-----------------|------|
|  | <p><b>Flat LED-dimmer, with rotary control</b><br/>Rotary control dimmer for LED lamps. Via mode switch adjustable between leading edge control (RL) or trailing edge control (RC). 2-wire connection (N-wire not needed). Nominal power: 2 - 100 VA or 10-400W (details in manual). Linear and low-noise operation. Mixed loads allowed. Electronic short-circuit and overload protection. Adjustable minimum brightness. Also applicable for 1-gang 2-way installations. Nominal voltage 230 V/50-60 Hz. Maximum 20 LED lamps behind one dimmer. Compatibility with defined Philips LED lamps is guaranteed.</p> <p> </p> |                 |      |
|   | LED dimmer, rotary 2-100VA, with neon lamp  |                 |      |
|   | <b>6523URCGL-84-103</b>   | 2CKA006512A0347 | 1/10 |
|   | LED dimmer, rotary 2-100VA, insert with neon lamp   |                 |      |
|   | <b>6523UR-103-500</b>   | 2CKA006512A0345 | 1/10 |
| white   | Dimmer center plate, with neon lamp   |                 |      |
|   | <b>6540-84-102-510</b>  | 2CKA006599A3037 | 1/10 |
| anthracite  | Dimmer center plate, with neon lamp   |                 |      |
|   | <b>6540-81-102-510</b>  | 2CKA006599A3035 | 1/10 |
| aluminium   | Dimmer center plate, with neon lamp   |                 |      |
|   | <b>6540-83-102-510</b>  | 2CKA006599A3036 | 1/10 |
| black matt  | <b>6540-885-102-510</b>   | 2CKA006599A3044 | 1/10 |


Note! There might be limitations from transformer producers on how many dimmable LED bulbs can be connected behind one transformer.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <p><b>Busch-rotary dimmer <sup>1)</sup></b><br/><b>Flush-mounted, DALI, with internal power supply, tunable white</b><br/>For DALI broadcast service (via central telegram).<br/>With integrated DALI power adaptor.<br/>For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.<br/>With rotary control and ON/OFF push operation.<br/>For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>Colour temperature can then be set between 2,700 K - 6,500 K.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Brightness power-on level and background brightness level adjustable, buffered.<br/>With integrated LED illumination for orientation.<br/>Color of orientation light adjustable (18 presets and OFF).<br/>Up to 5 potentiometers are connectable in parallel.<br/>Up to 3 potentiometers are connectable in parallel in active mode.<br/>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br/>DALI-voltage: 15,5 V=<br/>Rated current: max. 75 mA<br/>Power consumption: &lt; 2,5 W<br/>Number of DALI-units:<br/>37 in case of one active power-potentiometer<br/>in case of three active power-potentiometer in parallel connection: 111<br/>Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices.<br/>Passive mode: the potentiometer is suitable as additional operation point.<br/>Max. DALI-cable length: 300 m (1,5 - 2,5 mm<sup>2</sup>).<br/>Without cover plate.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Protection class (Device): IP 20<br/>Temperature range (Device): 0 °C to 35 °C</p> |                 |          |
|   | <b>2116/11UJGL-84</b>  | 2CKA006599A3031 | 1        |


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


## Impressivo



### Dimmers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
| <b>Sold in parts</b>  |  |                 |          |
|  | DALI dimmer, with internal power supply, tunable white, insert |                 |          |
|   | <b>2116/11U</b>  | 2CKA006599A3026 | 1/10     |
| white   | Dimmer center plate with neon lamp<br><b>6540-84-102-510</b>   | 2CKA006599A3037 | 1/10     |
| anthracite  | Dimmer center plate, with neon lamp<br><b>6540-81-102-510</b>  | 2CKA006599A3035 | 1/10     |
| aluminium   | Dimmer center plate, with neon lamp<br><b>6540-83-102-510</b>  | 2CKA006599A3036 | 1/10     |
| black matt  | <b>6540-885-102-510</b>  | 2CKA006599A3044 | 1/10     |

| <b>DALI-potentiometers</b>  |                              |                 |      |
|---|------------------------------|-----------------|------|
| For DALI broadcast service (via central telegram) according standard IEC 62386. For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With (2117/11U-500) or without (2117U-500) power supply. No center plate or frame included. |                              |                 |      |
| <b>Inserts</b>  |                              |                 |      |
|   | DALI potentiometer insert    |                 |      |
|   | <b>2117U-500</b>             | 2TKA00001861    | 1/10 |
|   | With integrated power supply |                 |      |
|   | <b>2117/11U-500</b>          | 2TKA00001865    | 1/10 |
| <b>Dimmer center plate, with neon lamp</b>  |                              |                 |      |
| white   | <b>6540-84-102-510</b>       | 2CKA006599A3037 | 1/10 |
| anthracite  | <b>6540-81-102-510</b>       | 2CKA006599A3035 | 1/10 |
| aluminium   | <b>6540-83-102-510</b>       | 2CKA006599A3036 | 1/10 |
| black matt  | <b>6540-885-102-510</b>      | 2CKA006599A3044 | 1/10 |



| <b>Sold in parts</b>  |   |                 |      |
|---|---|-----------------|------|
|  | Dimmer, 60-600 VA, insert                                     |                 |      |
|   | <b>2250U</b>  | 2TKA000723G1    | 1/10 |
| white   | Dimmer center plate, with neon lamp<br><b>6540-84-102-510</b> |                 | 1/10 |
| anthracite  | Dimmer center plate, with neon lamp<br><b>6540-81-102-510</b> | 2CKA006599A3035 | 1/10 |
| aluminium   | Dimmer center plate, with neon lamp<br><b>6540-83-102-510</b> | 2CKA006599A3036 | 1/10 |
| black matt  | <b>6540-885-102-510</b>                                       | 2CKA006599A3044 | 1/10 |

| <b>Sold in parts</b>  |   |                 |      |
|---|---|-----------------|------|
|  | Dimmer insert, 200-700 VA                                     |                 |      |
|   | <b>6520U</b>  | 2TKA001447G1    | 1/10 |
| white   | Dimmer center plate, with neon lamp<br><b>6540-84-102-510</b> | 2CKA006599A3037 | 1/10 |
| anthracite  | Dimmer center plate, with neon lamp<br><b>6540-81-102-510</b> | 2CKA006599A3035 | 1/10 |
| aluminium   | Dimmer center plate, with neon lamp<br><b>6540-83-102-510</b> | 2CKA006599A3036 | 1/10 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
| black matt  | <b>6540-885-102-510</b>                                       | 2CKA006599A3044 | 1/10     |
|    | <b>Potentiometer 1-10 V</b>                                   |                 |          |
| Potentiometer 1-10 V. For controlling electronic control gears for fluorescent lamps, analogy adjustment (IEC 929). Nominal voltage: 230 V/50 Hz. Control current max. 50 mA DC. Switching capability 4 A cos $\phi$ 0,9. Up to 4 control gears can be directly connected to 1 dimmer. With larger loads an external relay or contactor must be used. |   |                 |          |
|    |   |                 |          |
| <b>Includes insert and center plate</b>   |   |                 |          |
| white   | Potentiometer 1-10 V<br><b>2112UJGL-84-101</b>                | 2CKA006599A3029 | 1/10     |
| <b>Sold in parts</b>  |   |                 |          |
|   | Potentiometer insert 1-10 V                                   |                 |          |
|   | <b>2112 U-101-500</b>   | 2CKA006599A2873 | 1/10     |
| white   | Dimmer center plate, with neon lamp<br><b>6540-84-102-510</b> | 2CKA006599A3037 | 1/10     |
| anthracite  | Dimmer center plate, with neon lamp<br><b>6540-81-102-510</b> | 2CKA006599A3035 | 1/10     |
| aluminium   | Dimmer center plate, with neon lamp<br><b>6540-83-102-510</b> | 2CKA006599A3036 | 1/10     |
| black matt  | <b>6540-885-102-510</b>                                       | 2CKA006599A3044 | 1/10     |


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### Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>ABB flexTronics inserts</b><br>3 wire connection (neutral wire required). For switching lighting systems. For switching two independent load circuits. For controlling light and ventilation systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Comfort switch flex control element 64765-... . For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U. Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  |                 |          |
|   | <b>64821 U-500</b>  | 2CKA006800A3045 |          |
|   | <b>64814 U-500</b>  | 2CKA006800A3048 |          |
|   | <b>64891 U-500</b>  | 2CKA006800A3051 |          |
|   | <b>64851 U-500</b>  | 2CKA006500A0013 |          |
|  | <b>Relay insert flex, 2gang 1)</b><br>3 wire connection (neutral conductor required). For switching lighting systems. For switching two independent load circuits. For controlling light and ventilation systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Comfort switch flex control element 64765-... . For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Inputs: 2 Outputs: 2x Normally open contact, potential-bound Suitable for: 230 V- LEDi, typical. Rated power: 300 VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 1840 W Suitable for: Low voltage halogen lamps that are operated via transformers. Rated power: 1150 VA Temperature range (Device): -25 °C to 55 °C Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm Mounting depth: 25 mm |                 |          |
|   | <b>64821 U-500</b>  | 2CKA006800A3045 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

### Movement detectors



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>e-contact insert flex, 1gang 1) 2)</b><br>2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). For switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... . For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Inputs: 1 Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V- LEDi, typical. Rated power: 3 - 240 VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 10 - 240 W Suitable for: Low voltage halogen lamps that are operated via transformers. Rated power: 3 - 240 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm Mounting depth: 25 mm |                 |          |
|   | <b>64814 U-500</b>  | 2CKA006800A3048 | 1        |

<sup>1)</sup> Use only dimmable high-voltage LEDs.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## Impressivo

### Movement detectors

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> FM, LED, 3-240 VA</b><br/>           2-wire connection (neutral conductor not required). Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Rated power: 3-240 VA (LEDi). Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Outputs: 1x dimming channel. Suitable for: 230 V LEDi, typical (leading edge control). Rated power: 3 - 100 VA. Suitable for: 230 V LEDi, typical (trailing edge control). Rated power: 3 - 240 W. Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 10 - 240 VA. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.


<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)



<sup>4)</sup> Recommendation: Please use loads and types of one producer.

<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.


|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For group control of flex inserts via extension unit communication. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors 6476x-... For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with all flex inserts. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Control/Signal outputs: 1, electronic output, potential-bound. Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1 |
|---|--------------------|-----------------|---|


<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

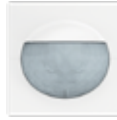
| Product   | Article-No.               | Order-No.       | Pack/Qty |
|---|---------------------------|-----------------|----------|
|  <p><b>Comfort switch flex sensor</b><br/>           Movement detector push-button switch combination. Movement detector push-button switch combination. For switching lighting systems that depend on brightness and movement. Push switch function possible at all times. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. Compatible with all free@home flexTronics inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C.</p> | <b>64765-81-500</b>       | 2CKA006800A2883 |          |
|   | <b>64765-83-500</b>       | 2CKA006800A2887 |          |
|   | <b>64765-84-500</b>       | 2CKA006800A2889 |          |
|   | <b>64765-885-500</b>      | 2CKA006800A2895 |          |
|  <p><b>Flex LED dimmer, complete set, wireless</b><br/>           future® linear LED touch-dimmer insert with tapping control element, 2gang, wireless. Optimised for dimming of retrofit LED lamps (LEDi). Consisting of Flex touch dimmer insert, 64851 U. Consisting of rocker, 2gang left with &gt;Dimmer&lt; icon 6234-21-84. Consisting of future® linear cover frames, 1gang 1721-184K.</p>   | <b>62851 UJ-84-WL-500</b> | 2CKA006200A0295 |          |

## Impressivo

### Movement detectors


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, basic sensor</b>  |                 |          |
|   | Movement detector sensor with with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Compatible with all free@home flexTronics inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C. |                 |          |
|   | <b>64761-81-500</b>   | 2CKA006800A2921 |          |
|   | <b>64761-83-500</b>   | 2CKA006800A2925 |          |
|   | <b>64761-84-500</b>   | 2CKA006800A2927 |          |
|   | <b>64761-885-500</b>  | 2CKA006800A2933 |          |


|   |   |                 |  |
|---|---|-----------------|--|
|  | <b>Busch-Watchdog 180 flex, comfort sensors with multi lens</b>   |                 |  |
|   | Movement detector sensor with with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flexTronics inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. With continuous light/continuous Off function. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C. |                 |  |
|   | <b>64762-81-500</b>   | 2CKA006800A2958 |  |
|   | <b>64762-83-500</b>   | 2CKA006800A2962 |  |
|   | <b>64762-84-500</b>   | 2CKA006800A2964 |  |
|   | <b>64762-885-500</b>  | 2CKA006800A2970 |  |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>ABB flexTronics inserts</b>  |                 |          |
|   | Movement detector sensor with with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. For detection down to the floor. For detection in stairwells. With 4 detection levels. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flexTronics inserts. Adjusting elements on rear side. Multi-lens: suitable also for mounting heights of 2.20 m. Extension of the detection range by means of master/slave combination. With continuous light/continuous Off function. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Surveillance density: 54 sectors with 224 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 31 mm. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C. |                 |          |
|   | <b>64764-81-500</b>   | 2CKA006800A2995 |          |
|   | <b>64764-83-500</b>   | 2CKA006800A2999 |          |
|   | <b>64764-84-500</b>   | 2CKA006800A3001 |          |
|   | <b>64764-885-500</b>  | 2CKA006800A3007 |          |


## Impressivo


### Timers


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Countdown timer</b><br>User friendly timer with fixed time settings 15min, 30min, 1h, 2h, 4h or 8h. Countdown time is set with a screwdriver. 2-pole switch. |              |          |
|   | <b>Includes insert and center plate</b>   |              |          |
| white   | <b>T210-84</b>  | 2TKA00000875 | 1/10     |
| anthracite  | <b>T210-81</b>  | 2TKA00000876 | 1/10     |
| aluminium   | <b>T210-83</b>  | 2TKA00000877 | 1/10     |
| black matt  | <b>T210-885</b>   | 2TKA00004108 | 1/10     |

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Timer switches</b><br>Timer switch display, 10 A. Four switching times per day can be user-defined for each day of the week. Automatic summer/wintertime switch-over. 14-hour power reserve. Nominal voltage: 230 V/50 Hz. Operating temperature range: 0 °C - 35 °C. Timer switch insert is connected to universal relay unit 6401U-102. Suitable center plates 6435-8X. |                 |      |
|   | <b>Inserts</b>   |                 |      |
|   | Universal relay unit insert, 10 A<br><b>6401U-102</b>  | 2TKA001428G1    | 1/10 |
|   | Timer switch display<br><b>6455-101-500</b>  | 2TKA000025G1    | 1/10 |
|   | <b>Centre plates</b>   |                 |      |
| white   | <b>6435-84</b>   | 2TKA001434G1    | 1/10 |
| aluminium   | <b>6435-83</b>   | 2TKA001433G1    | 1/10 |
| anthracite  | <b>6435-81</b>   | 2CKA006430A0303 | 1/10 |
| black matt  | <b>6435-885</b>  | 2CKA006430A0389 | 1/10 |

### Socket outlets


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>3-gang Euro socket outlets, flush mounting IP21</b><br>Product includes euro socket outlet insert and center plate. The socket outlet insert has shutters and screwless N and L terminals for max 4 wires and 2 screwless X-terminals for max 2 wires. The terminals are for rigid wires. Branching terminals. |              |          |
| white   | <b>303UC-84</b>   | 2TKA00000433 | 1/10     |
| anthracite  | <b>303UC-81</b>   | 2TKA00000340 | 1/10     |
| aluminium   | <b>303UC-83</b>   | 2TKA00000451 | 1/10     |


|   |  |              |      |
|---|--|--------------|------|
|  | <b>2-gang Schuko socket outlets, flush mounting, with cover plate, IP21</b><br>Product includes Schuko socket outlet insert and cover plate. The socket outlet insert has shutters and screwless terminals for max 4 rigid wires. Branching terminals. |              |      |
| white   | <b>302EUJ-84</b>   | 2TKA000952G1 | 1/10 |
| anthracite  | <b>302EUJ-81</b>   | 2TKA000951G1 | 1/10 |
| aluminium   | <b>302EUJ-83</b>   | 2TKA00000442 | 1/10 |


|   |  |              |      |
|---|--|--------------|------|
|  | <b>2-gang Schuko socket outlets, flush mounting in special 1,5 x box, IP21</b><br>Product includes Schuko socket outlet insert and cover plate. There are screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters. Flush mounting on a smooth surface IP21. Very flat construction. Installation in special 1,5X mounting box. Branching terminals. |              |      |
| white   | <b>302EUJT-84</b>  | 2TKA00002007 | 1/10 |
| anthracite  | <b>302EUJT-81</b>  | 2TKA00002005 | 1/10 |
| aluminium   | <b>302EUJT-83</b>  | 2TKA00002006 | 1/10 |


## Impressivo


### Socket outlets


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>2-gang Schuko socket outlets, flush mounting, IP21</b><br>Product includes Schuko socket outlet insert and center plate. The socket outlet insert has shutters and screwless terminals for max 4 rigid wires. Branching terminals. |              |          |
| white   | <b>302EUC-84</b>  | 2TKA00000431 | 1/10     |
| anthracite  | <b>302EUC-81</b>  | 2TKA00000440 | 1/10     |
| aluminium   | <b>302EUC-83</b>  | 2TKA00000441 | 1/10     |


|   |  |              |      |
|---|--|--------------|------|
|  | <b>2-gang Schuko outlets with special colour, IP21</b><br>Product includes Schuko socket outlet insert and center plate. The socket outlet insert has shutters and screwless terminals for max 4 rigid wires. These socket outlets can be used, for instance, in hospitals and offices, when there is a need to limit socket outlet use to certain applications. Flush mounting: On a smooth surface IP21, on a rough surface with a seal IP21. Surface mounting: IP21. Branching terminals. |              |      |
| red   | <b>302EUC-02</b>   | 2TKA00002962 | 1/10 |
| orange  | <b>302EUC-03</b>   | 2TKA00002963 | 1/10 |
| green   | <b>302EUC-05</b>   | 2TKA00002964 | 1/10 |
| blue  | <b>302EUC-06</b>   | 2TKA00002965 | 1/10 |

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Flush mounting 2-gang Schuko socket outlets with lid IP21</b><br>Product includes Schuko socket outlet insert, center plate with lid. The socket outlet insert has shutters and screwless terminals. The terminals are for max 2 rigid wires. Flush mounting on slide surface IP21 and with seal 2464 on rough surface IP44. The seal 2464 is not included in delivery. Branching terminals. |              |          |
| white   | <b>302EUCK-84</b>   | 2TKA00003033 | 1/10     |
| anthracite  | <b>302EUCK-81</b>   | 2TKA00003031 | 1/10     |
| aluminium   | <b>302EUCK-83</b>   | 2TKA00003032 | 1/10     |

|   |   |              |      |
|---|---|--------------|------|
|  | <b>Non-earthed flush mounting 2-gang socket outlets IP21, with cover plate</b><br>Product includes socket outlet insert, center plate and cover frame. The socket outlet insert has shutters and screwless terminals for max 4 rigid wires. Claws can be fitted to socket outlet afterwards. Branching terminals. |              |      |
| white   | <b>302UJ-84</b>   | 2TKA00000432 | 1/10 |
| anthracite  | <b>302UJ-81</b>   | 2TKA00000339 | 1/10 |
| aluminium   | <b>302UJ-83</b>   | 2TKA00000338 | 1/10 |


|   |   |              |      |
|---|---|--------------|------|
|  | <b>Flush mounting 1-gang Schuko socket outlets IP21 with cover plate</b><br>Product includes Schuko socket outlet insert, center plate and cover frame. The socket outlet has shutters and screwless terminals for max 2 rigid wires. |              |      |
| white   | <b>20EUJ-84</b>   | 2TKA003848G1 | 1/10 |
| anthracite  | <b>20EUJ-81</b>   | 2TKA00000438 | 1/10 |
| aluminium   | <b>20EUJ-83</b>   | 2TKA00000439 | 1/10 |


|   |   |              |      |
|---|---|--------------|------|
|  | <b>1-gang Schuko socket outlets, flush mounting, IP21</b><br>Product includes Schuko socket outlet insert and center plate. The socket outlet has shutters and screwless terminals for max 2 rigid wires. |              |      |
| white   | <b>20EUC-84</b>   | 2TKA003846G1 | 1/10 |
| anthracite  | <b>20EUC-81</b>   | 2TKA00000434 | 1/10 |
| aluminium   | <b>20EUC-83</b>   | 2TKA00000435 | 1/10 |


|   |  |              |      |
|---|--|--------------|------|
|  | <b>Flush mounting 1-gang Schuko socket outlets with lid IP21</b><br>Product includes Schuko socket outlet insert and center plate. The socket outlet has shutters and screwless terminals for max 2 rigid wires. |              |      |
| white   | <b>20EUCK-84</b>   | 2TKA003847G1 | 1/10 |
| anthracite  | <b>20EUCK-81</b>   | 2TKA00000436 | 1/10 |
| aluminium   | <b>20EUCK-83</b>   | 2TKA00000437 | 1/10 |


## Impressivo


### Socket outlets


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>1-gang Schuko socket outlets, flush mounting, with LED light, IP20</b><br>Product includes Schuko socket outlet insert and center plate. A white color LED light is integrated into the socket outlet. The light can be controlled separately or it can be connected to the socket terminals. The socket outlet insert has shutters. There are screwless terminals for max 2 rigid wires for each contact of the socket outlet. |              |          |
| white   | <b>20EUCBLI-84</b>   | 2TKA00000891 | 1/10     |
| aluminium   | <b>20EUCBLI-83</b>   | 2TKA00000889 | 1/10     |


|   |  |              |   |
|---|--|--------------|---|
|  | <b>1-gang Schuko socket outlet with center plate and USB charger, IP20</b><br>The socket outlet has an integrated USB charger 5V/0,7A with electronic short-circuit and overload protection. Power dissipation 0,1W. Compatible with USB devices, iPod and iPhone. The Schuko socket outlet is 16A/250V. There are screwless terminals for each contact of the socket outlet. The socket outlet has shutters. The terminals are for max 2 rigid wires. No X-terminals. |              |   |
| white   | <b>20EUCBUSB-84</b>  | 2TKA00001884 | 1 |
| anthracite  | <b>20EUCBUSB-81</b>  | 2TKA00001882 | 1 |
| aluminium   | <b>20EUCBUSB-83</b>  | 2TKA00001883 | 1 |


|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>Residual current devices</b><br>16A/250V IP21, with built-in A-type residual current device (RCD), tripping current 30mA. Approved for extending a branch circuit, but only regular sockets connected to protected outlet wires are protected. The socket outlet insert has shutters. The products are sold with cover plates. The socket outlet insert has shutters and screwless terminals. |                 |      |
| white   | <b>3120EUC-84</b>  | 2TKA00003318    | 1/10 |
| white   | <b>3150UC-84.1</b>   | 2TKA00003319    | 1/10 |
| anthracite  | <b>3120EUC-81</b>  | 2CCF019499R0001 | 1/10 |
| anthracite  | <b>3150UC-81.1</b>   | 2CCF019500R0001 | 1/10 |
| black matt  | <b>3120EUC-885</b>   | 2CCF019489R0001 | 1/10 |
| black matt  | <b>3150UC-885.1</b>  | 2CCF019490R0001 | 1/10 |

|   |   |              |      |
|---|---|--------------|------|
|  | <b>2-gang Schuko socket outlet, Flush mounting, IP44</b><br>Product includes Schuko socket outlet insert, center plate with lid, cover frame and seal. The socket outlet insert has shutters and screwless terminals. The terminals are for max 2 rigid wires. Flush mounting on rough surface IP44. Branching terminals. |              |      |
| white   | <b>302EUJW-84</b>   | 2TKA000954G1 | 1/10 |

|   |  |              |      |
|---|--|--------------|------|
|  | <b>1-gang Schuko socket outlet, flush mounting, IP44</b><br>Product includes Schuko socket outlet insert, center plate with lid, cover frame and seal. The socket outlet insert has shutters and screwless terminals. The terminals are for max 2 rigid wires. Flush mounting on rough surface IP44. |              |      |
| white   | <b>20EUJW-84</b>   | 2TKA000698G1 | 1/10 |

|   |  |              |        |
|---|--|--------------|--------|
|  | <b>Seal 85mm for 1-gang socket outlet, IP44</b><br>1-gang socket outlets installed with a seal and a center plate with a hinged lid are IP44. Socket outlet without hinged lid on a rough surface is IP21. |              |        |
|   | <b>2463</b>  | 2TKA000002G1 | 20/200 |

|   |   |              |        |
|---|---|--------------|--------|
|  | <b>Seal 100mm for 2-gang socket outlet, IP44</b><br>2-gang socket outlets installed with a seal and a center plate with a hinged lid are IP44. Socket outlet without hinged lid on a rough surface is IP21. |              |        |
|   | <b>2464</b>   | 2TKA000003G1 | 20/200 |

|  |   |                 |      |
|--|---|-----------------|------|
|  | <b>SCHUKO® USB socket outlet, 2gang 1) 2) 3) 4)</b><br><b>shuttered</b><br>For connecting electric loads.<br>DP (2 P + E)<br>With screwless terminals.<br>For supply and support of mobile devices via USB-cable. With two USB type A outputs.<br>Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.<br>Support of loading protocol on the USB-A connection: Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br>With electronic short-circuit protection.<br>With electronic overload protection.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Secondary: 5 V-, +5 % / -5 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 2x USB charging interface<br>Suitable for: SCHUKO® socket outlet<br>Rated current: 16 A<br>Suitable for: In case one output is used:<br>Rated current: 2.4 A<br>Output voltage: 5 V-<br>Suitable for: In case two output are used:<br>Rated current: 1.2 A<br>Output voltage: 5 V-<br>Rated power: 12 W<br>Protection class (Device): IP 20, SELV<br>Temperature range (Device): 5 °C to 35 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm<br>Mounting depth: 39.5 mm |                 |      |
| anthracite   | <b>20 EUCB2USB-81-500</b>   | 2CKA002011A6268 | 1/10 |
| ivory white  | <b>20 EUCB2USB-82-500</b>   | 2CKA002011A6270 | 1/10 |
| aluminium silver 5)  | <b>20 EUCB2USB-83-500</b>   | 2CKA002011A6272 | 1/10 |
| studio white   | <b>20 EUCB2USB-84-500</b>   | 2CKA002011A6274 | 1/10 |
| studio white matt 5)   | <b>20 EUCB2USB-884-500</b>  | 2CKA002011A6278 | 1/10 |
| black matt 5)  | <b>20 EUCB2USB-885-500</b>  | 2CKA002011A6280 | 1/10 |

<sup>1)</sup> Increased shock protection .

<sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.

<sup>3)</sup> No data transfer.


<sup>4)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.


<sup>5)</sup> Surface painted.





## Impressivo


### Data communication


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>RJ45 outlet with sliding dust covers for Impressivo</b><br>Insert for 2 x RJ45 connectors and center plate with dust covers. The connectors CEL30.UX are not compatible with this device, due to its integrated blind covers. |              |          |
| <b>Modular</b>  |  |              |          |
|   | Supporting frame insert for 2xRJ45, Keystone   |              |          |
|   | <b>1819.01</b>   | 2TKA000599G1 | 10/100   |
|   | Supporting frame insert for 2xRJ45, AMP  |              |          |
|   | <b>1819.02</b>   | 2TKA000600G1 | 10/100   |
|   | Supporting frame insert for 2xRJ45, Actassi  |              |          |
|   | <b>1819.03</b>   | 2TKA000601G1 | 10/100   |
|   | Supporting frame insert for 2xRJ45, Systemax   |              |          |
|   | <b>1819.04</b>   | 2TKA000602G1 | 10/100   |
| white   | Center plate, 2 x RJ45, dust covers  |              |          |
|   | <b>1819DC-84</b>   | 2TKA00001111 | 1/10     |
| anthracite  | Center plate, 2 x RJ45, dust covers  |              |          |
|   | <b>1819DC-81</b>   | 2TKA00001109 | 1/10     |
| aluminium   | Center plate, 2 x RJ45, dust covers  |              |          |
|   | <b>1819DC-83</b>   | 2TKA00001110 | 1/10     |


|   |   |              |        |
|---|---|--------------|--------|
|  | <b>RJ45 outlet with sliding dust covers for design-series</b><br>Insert for 2 x RJ45 connectors and center plate with dust covers. The connectors CEL30.UX are not compatible with this device, due to its integrated blind covers. |              |        |
| <b>Modular</b>  |   |              |        |
| green   | Supporting frame insert for 2xRJ45, Systemax  |              |        |
|   | <b>1810.1</b>   | 2TKA000595G1 | 10/100 |
| red   | Supporting frame insert for 2xRJ45, Keystone  |              |        |
|   | <b>1812.1</b>   | 2TKA000596G1 | 10/100 |
| black   | Supporting frame insert for 2xRJ45, AMP   |              |        |
|   | <b>1814.1</b>   | 2TKA000597G1 | 10/100 |

|   |  |              |      |
|---|--|--------------|------|
|  | <b>RJ45 outlet including connectors</b><br>RJ45 outlet including 2 x Cat6 UTP RJ45 connectors manufactured by 3M and blind cover plates. The dust covers are integrated in the connector. Blind covers included. |              |      |
| white   | <b>FOT6208-84</b>  | 2TKA00000463 | 1/10 |
| anthracite  | <b>FOT6208-81</b>  | 2TKA00000461 | 1/10 |
| aluminium   | <b>FOT6208-83</b>  | 2TKA00000462 | 1/10 |

|   |   |              |        |
|---|---|--------------|--------|
|  | <b>RJ45 connectors</b><br>Unshielded (UTP) RJ45 connectors with Keystone fixing and A/B coupling. No special connecting tool is needed. Use with RJ45 insert 1819.01 and center plate 1819-xx. The dust covers are integrated into the connectors. The connector is manufactured by 3M. |              |        |
| white   | <b>CEL30.U6</b>   | 2TKA001891G1 | 10/100 |


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>DKS insert and center plate</b><br>DKS-center plate is used to fix many different kind of tele connectors into the mounting box. To be fitted with a suitable DKS adapter 18XXEB.XXX. The product includes center plate and assembly ring. |              |          |
| white   | <b>1758-84</b>  | 2TKA000487G1 | 1/10     |
| anthracite  | <b>1758-81</b>  | 2TKA000485G1 | 1/10     |
| aluminium   | <b>1758-83</b>  | 2TKA000486G1 | 1/10     |

|   |  |              |        |
|---|--|--------------|--------|
|  | <b>DKS-adapters</b><br>Different adapters for DKS-system. Suitable for DKS-center plate 1758-xx. |              |        |
| <b>RJ45</b>   |  |              |        |
|   | Adapter for DKS-system, 2 x RJ45, Keystone   |              |        |
|   | <b>1867EB</b>  | 2TKA000618G1 | 10/100 |
|   | Adapter for DKS-system, 2 x RJ45, AMP  |              |        |
|   | <b>1875EB</b>  | 2TKA000624G1 | 10/100 |
|   | Adapter for DKS-system, 2 x RJ45, Systemax   |              |        |
|   | <b>1872EB</b>  | 2TKA000622G1 | 10/100 |
| <b>Fiber</b>  |  |              |        |
|   | Adapter for DKS-system, fiber 2 x Simplex ST   |              |        |
|   | <b>1870EB</b>  | 2TKA000621G1 | 10/100 |
|   | Adapter for DKS-system, fiber 2 x SCD  |              |        |
|   | <b>1874EB</b>  | 2TKA000623G1 | 10/100 |
| <b>Audio</b>  |  |              |        |
|   | Adapter for DKS-system, XLR audio connector type FP  |              |        |
|   | <b>1853EB</b>  | 2TKA000614G1 | 10/100 |
|   | Adapter for DKS-system, XLR audio connector type MP  |              |        |
|   | <b>1854EB</b>  | 2TKA000615G1 | 10/100 |
|   | Adapter for DKS-system, XLR D-type or Speakon audio connector                                    |              |        |
|   | <b>1876EB</b>  | 2TKA000626G1 | 10/100 |
| <b>Others</b>   |  |              |        |
|   | Adapter for DKS-system, D-type 9-pin connector   |              |        |
|   | <b>1850EB</b>  | 2TKA000612G1 | 10/100 |
|   | Adapter for DKS-system, 2 x BNC/TNC, 9,8mm   |              |        |
|   | <b>1855EB</b>  | 2TKA000616G1 | 10/100 |
|   | Adapter for DKS-system, 2 x BNC/TNC, 12,9mm  |              |        |
|   | <b>1857EB</b>  | 2TKA000617G1 | 10/100 |
|   | Adapter for DKS-system, blank  |              |        |
|   | <b>1869EB</b>  | 2TKA000620G1 | 10/100 |


|   |  |              |      |
|---|--|--------------|------|
|  | <b>DKS-adaptor with VGA connector</b><br>Suitable for DKS-center plate 1758-xx. VGA connector is included (15pin D-sub). Cable should be connected by soldering. |              |      |
|   | <b>1850EB.VGA</b>  | 2TKA000613G1 | 1/10 |


## Impressivo

### Data communication

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>DKS-adapter with Composite-/S-video connectors</b><br>Suitable for DKS-center plate 1758-xx. Composite (BNC) and S-video (Mini DIN) connectors are included. Composite video connectors internal coaxial cable should be terminated by BNC-type connector. S-video internal cable is standard twisted-pair cable with toolless connection. |              |          |
|   | <b>1875EB.YCV</b>   | 2TKA000625G1 | 1/10     |

|   |  |              |      |
|---|--|--------------|------|
|  | <b>DKS-adapter with Speakon connector</b><br>Suitable for DKS-center plate 1758-xx. Speakon 4-pin loudspeaker connector is included. Flat tab terminals. |              |      |
|   | <b>1876EB.SPE</b>  | 2TKA000627G1 | 1/10 |


|  |  |              |      |
|--|--|--------------|------|
|  | <b>Antenna center plate, TV/R/Sat</b><br>Center plate for common antenna outlet inserts. The terminal "Sat" is closed, but can be knocked out. |              |      |
| white  | <b>1743-84</b>   | 2TKA000465G1 | 1/10 |
| anthracite   | <b>1743-81</b>   | 2TKA000463G1 | 1/10 |
| aluminium  | <b>1743-83</b>   | 2TKA000464G1 | 1/10 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br><b>With USB-A &amp; USB-C interface</b><br>For supply and support of mobile devices via USB-cable. With USB type A and USB type C female connector. To support two devices at the same time. Supports automatic negotiating of optimum charging parameters for the shortest charging times. Support of loading protocol on the USB-A connection: Apple MFI with 2.4 A and BC 1.2 with 1.5 A. Support of the additional quick-charge protocols: USB-PD and quick-charge 3.0 & 4.0. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 220 - 230 V AC. Rated frequency: 50 Hz - 60 Hz. Outputs: 2x USB charging interface. Suitable for: Only USB-A bus occupied: Rated current: 3000 mA. Output voltage: 5 V- Suitable for: Only USB-C bus occupied: Rated power: 18 W<br><br>Suitable for: USB-A and USB-C bus occupied. Total: Rated current: 3250 mA. Output voltage: 5 V- Protection class (Device): IP 20, SELV. Temperature range (Device): 0 °C to 35 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm. Mounting depth: 32 mm |                 |   |
|   | <b>6475 U-500</b>  | 2CKA006400A0399 | 1 |

<sup>1)</sup>No claw. Screw-fixing via keyholes.


<sup>2)</sup>No data transfer.

<sup>3)</sup>When cleaning the device, use dust cover 2098 for the USB-A connection.


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Tele outlet USB</b><br>Tele outlet with USB A-type connector. Compatible up to USB 2.0 versions. Internal connections with screw type terminals. |              |          |
|   | <b>Insert *</b>   |              |          |
|   | Tele outlet insert, with USB A-type connector   |              |          |
|   | <b>0261/13</b>  | 2TKA00001916 | 1        |

|            |                                  |              |      |
|------------|----------------------------------|--------------|------|
|            | <b>Center plate, tele outlet</b> |              |      |
| white      | <b>1766-84</b>                   | 2TKA000498G1 | 1/10 |
| anthracite | <b>1766-81</b>                   | 2TKA000495G1 | 1/10 |
| aluminium  | <b>1766-83</b>                   | 2TKA000496G1 | 1/10 |


\* Delivery time 3 weeks.

|   |   |              |      |
|---|---|--------------|------|
|  | <b>Tele outlet VGA</b><br>Tele outlet for VGA display with D-sub 15pin connector. Internal connections with screw type terminals. |              |      |
|   | <b>Insert *</b>   |              |      |
|   | Tele outlet insert, with VGA 15pin D-sub connector  |              |      |
|   | <b>0261/23</b>  | 2TKA00001917 | 1    |
|   | <b>Center plate, tele outlet</b>  |              |      |
| white   | <b>1766-84</b>  | 2TKA000498G1 | 1/10 |
| anthracite  | <b>1766-81</b>  | 2TKA000495G1 | 1/10 |
| aluminium   | <b>1766-83</b>  | 2TKA000496G1 | 1/10 |

\* Delivery time 3 weeks.

|   |  |              |      |
|---|--|--------------|------|
|  | <b>Tele outlet HDMI</b><br>Tele outlet for HDMI display with A-type connector. Internal connections with screw type terminals. |              |      |
|   | <b>Insert *</b>  |              |      |
|   | Tele outlet insert, with HDMI A-type connector   |              |      |
|   | <b>0261/33</b>   | 2TKA00001918 | 1    |
|   | <b>Center plate, tele outlet</b>   |              |      |
| white   | <b>1766-84</b>   | 2TKA000498G1 | 1/10 |
| anthracite  | <b>1766-81</b>   | 2TKA000495G1 | 1/10 |
| aluminium   | <b>1766-83</b>   | 2TKA000496G1 | 1/10 |


\* Delivery time 3 weeks.

|   |   |              |      |
|---|---|--------------|------|
|  | <b>Tele outlet BNC-F</b><br>Tele outlet for 1 or 2 BNC-F type connectors. Mounting hole for a connector is 12mm. The insert and the connectors are sold separately. |              |      |
|   | <b>Insert and connector *</b>   |              |      |
|   | Tele outlet insert for 2 x BNC-F type connectors  |              |      |
|   | <b>0262/13</b>  | 2TKA00001919 | 1    |
|   | Connector, BNC-F type, d = 12mm   |              |      |
|   | <b>0262</b>   | 2TKA00001920 | 1    |
|   | <b>Center plate, tele outlet</b>  |              |      |
| white   | <b>1766-84</b>  | 2TKA000498G1 | 1/10 |
| anthracite  | <b>1766-81</b>  | 2TKA000495G1 | 1/10 |
| aluminium   | <b>1766-83</b>  | 2TKA000496G1 | 1/10 |


\* Delivery time 3 weeks.

## Impressivo


### Data communication


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Tele outlet RCA</b><br>Tele outlet for 1 or 2 RCA audio/video connectors. The insert and the connectors are sold separately. |              |          |
|   | <b>Insert and connector *</b>   |              |          |
|   | Tele outlet insert for 2 x RCA connectors<br><b>0263/13</b>   | 2TKA00001921 | 1        |
| white   | Connector, RCA<br><b>0263/04</b>  | 2TKA00001922 | 1        |
| black   | Connector, RCA<br><b>0263/05</b>  | 2TKA00001923 | 1        |
| red   | Connector, RCA<br><b>0263/06</b>  | 2TKA00001924 | 1        |
| yellow  | Connector, RCA<br><b>0263/07</b>  | 2TKA00001925 | 1        |
|   | <b>Center plate, tele outlet</b>  |              |          |
| white   | <b>1766-84</b>  | 2TKA000498G1 | 1/10     |
| anthracite  | <b>1766-81</b>  | 2TKA000495G1 | 1/10     |
| aluminium   | <b>1766-83</b>  | 2TKA000496G1 | 1/10     |


\* Delivery time 3 weeks.


|   |   |              |      |
|---|---|--------------|------|
|  | <b>Tele outlet for Mini Jack</b><br>Tele outlet for 1 or 2 Mini Jack connectors. The insert and the connectors are sold separately. |              |      |
|   | <b>Insert and connector *</b>   |              |      |
|   | Tele outlet insert for 2 x Mini Jack connectors<br><b>0264/13</b>   | 2TKA00001926 | 1    |
|   | Connector, Mini Jack 3,5mm, stereo<br><b>0264</b>   | 2TKA00001927 | 1    |
|   | <b>Center plate, tele outlet</b>  |              |      |
| white   | <b>1766-84</b>  | 2TKA000498G1 | 1/10 |
| anthracite  | <b>1766-81</b>  | 2TKA000495G1 | 1/10 |
| aluminium   | <b>1766-83</b>  | 2TKA000496G1 | 1/10 |


\* Delivery time 3 weeks.

|   |   |              |      |
|---|---|--------------|------|
|  | <b>Speaker outlet, stereo</b><br>There are plug in connectors for speaker wires and screw terminals for max 10mm <sup>2</sup> internal wires. |              |      |
|   | <b>Modular</b>  |              |      |
|   | Tele outlet insert, speaker, stereo<br><b>0248.00</b>   | 2TKA000090G1 | 1/10 |
| white   | Center plate, tele outlet<br><b>1766-84</b>   | 2TKA000498G1 | 1/10 |
| anthracite  | Center plate, tele outlet<br><b>1766-81</b>   | 2TKA000495G1 | 1/10 |
| aluminium   | Center plate, tele outlet<br><b>1766-83</b>   | 2TKA000496G1 | 1/10 |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Speaker outlet, mono</b><br>There is one red and one black gold plated terminal screw for the speaker wires and screw terminals for max 10mm <sup>2</sup> internal wires. |              |          |
|   | <b>Modular</b>   |              |          |
|   | Speaker insert, with terminal screws<br><b>1819.LSP</b>  | 2TKA000603G1 | 1/10     |
| white   | Center plate, 2 x RJ45, blind covers<br><b>1819-84</b>   | 2TKA000609G1 | 1/10     |
| anthracite  | Center plate, 2 x RJ45, blind covers<br><b>1819-81</b>   | 2TKA000605G1 | 1/10     |
| aluminium   | Center plate, 2 x RJ45, blind covers<br><b>1819-83</b>   | 2TKA000607G1 | 1/10     |





|  |  |              |      |
|--|--|--------------|------|
|  | <b>Center plates for Ø 22.5mm devices</b><br>Center plates with Ø 22.5mm openings, equipped with a groove to prevent rotation. Use with 22mm diameter to fasten different devices. |              |      |
| white  | <b>2533-84</b>   | 2TKA000841G1 | 1/10 |
| anthracite   | <b>2533-81</b>   | 2TKA000839G1 | 1/10 |
| aluminium  | <b>2533-83</b>   | 2TKA000840G1 | 1/10 |

|   |  |              |        |
|---|--|--------------|--------|
|  | <b>Equipotential outlet</b><br>2-gang equipotential outlet. Screw terminals for 1 x 6mm <sup>2</sup> and 4 x 2,5mm <sup>2</sup> wires. The product includes insert and center plate. |              |        |
| white   | <b>2095UC-84</b>   | 2TKA000652G1 | 10/100 |
| anthracite  | <b>2095UC-81</b>   | 2TKA000650G1 | 10/100 |
| aluminium   | <b>2095UC-83</b>   | 2TKA000651G1 | 10/100 |

|   |  |              |        |
|---|--|--------------|--------|
|  | <b>Equipotential plug</b><br>Suitable for potential equalization and to be used with equipotential outlets. For max. 6 mm <sup>2</sup> wires. The wire is connected by pressing with tool or by soldering. |              |        |
|   | <b>0299.00032</b>  | 2TKA000091G1 | 10/100 |



## Impressivo

### Multimedia

| Product   | Article-No.               | Order-No.       | Pack/Qty |
|---|---------------------------|-----------------|----------|
|  <b>DigitalRadio set</b><br>2-gang combination digital radio and loudspeaker (flush mounted). The radio offers a stereo RDS tuner with 8 memory presets as well as programmable clock, alarm and snooze functions which are controlled with the switch rocker.   |                           |                 |          |
| white   | <b>8220 UJ-84-101-500</b> | 2CKA008200A0234 | 1/10     |
|  <b>DigitalRadio</b><br>The radio offers a stereo RDS tuner with 8 memory presets as well as programmable clock, alarm and snooze functions. Output max. 2x2W. Frequency response: 100-10 000 Hz. Reception frequency 87,50-108,0 Mhz. IP20.   |                           |                 |          |
| <b>Insert</b>   |                           |                 |          |
| Digital Radio Insert, FM  |                           |                 |          |
|   | <b>8215U</b>              | 2TKA001586G1    | 1/10     |
| Busch-Radio BTconnect, DAB+   |                           |                 |          |
|   | <b>8217 U-101-500</b>     | 2CKA008200A0279 | -        |
| <b>Center plate</b>   |                           |                 |          |
|   | <b>8252-81-101-500</b>    | 2CKA008200A0249 | -        |
|   | <b>8252-83-101-500</b>    | 2CKA008200A0253 | -        |
|   | <b>8252-84-101-500</b>    | 2CKA008200A0255 | -        |
|   | <b>8252-885-101-500</b>   | 2CKA008200A0261 | -        |
|  <b>Loudspeaker</b><br>With flat plug connector. With broadband characteristics. Rated output: 2 W (RMS) Incl. speaker connection cable. Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm. No claw. Screw-fixing via keyholes.   |                           |                 |          |
| <b>Insert</b>   |                           |                 |          |
| Loudspeaker insert  |                           |                 |          |
|   | <b>8223 U-500</b>         | 2CKA008200A0183 | 1/10     |
| <b>Center plate</b>   |                           |                 |          |
| white   | <b>8253-84</b>            | 2TKA001597G1    | 1/10     |
| anthracite  | <b>8253-81</b>            | 2TKA001595G1    | 1/10     |
| aluminium   | <b>8253-83</b>            | 2TKA001596G1    | 1/10     |
|  <b>iNetRadio</b><br>WLAN Internet radio with display for flush-mounted installation. For the reception of national and international radio stations via Internet. Radio station search possible via various genres. Integrated web-server for configuration and control. Remote operation with smartphone via browser surface. UPnP replay function. It is controlled via smartphone. For mono/stereo operation. 8 radio stations storable. |                           |                 |          |
| <b>Set *</b>  |                           |                 |          |
| iNetRadio kit   |                           |                 |          |
|   | <b>8240-84-500</b>        | 2TKA00002109    | 1/10     |
| <b>Center plate *</b>   |                           |                 |          |
|   | <b>8252-81-101-500</b>    | 2CKA008200A0249 | -        |
|   | <b>8252-83-101-500</b>    | 2CKA008200A0253 | -        |
|   | <b>8252-84-101-500</b>    | 2CKA008200A0255 | -        |
|   | <b>8252-885-101-500</b>   | 2CKA008200A0261 | -        |


\* Delivery time to ask.


## Thermostats


| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  <b>Floor heating thermostat</b><br>Floor heating thermostat for room-specific temperature adjustment. 230 V~, 50 Hz, 15 A / 3450 W, IP 31. Sensor: 3 m NTC 15 kΩ / 25 °C. Operating temperature: -10...+30 °C. Switch: 2-pole. Screw terminals: max. 2x2.5 mm <sup>2</sup> . Temperature drop: fixed 5 °C. Adjustment range: +5...+ 45 °C. Hysteresis +/- 0,4 °C. Ball pressure temperature: 75 °C. Utilization category: 2 (home use). Type: 1C. Method of mounting: fixed.   |  |                 |          |
| <b>Includes insert and center plate</b>  |  |                 |          |
| white  | Floor heating thermostat, 16 A, with sensor<br><b>TF16-15-84</b> | 2TKA00002923    | 1/10     |
| <b>Sold in parts</b>   |  |                 |          |
| Floor heating thermostat, 16 A, with sensor, Insert  |  |                 |          |
|  | <b>TF16-15U</b>  | 2TKA00002848    | 1/10     |
| Center plate, for thermostat   |  |                 |          |
| white  | <b>T-11-84</b>   | 2TKA00000274    | 1/10     |
| Center plate, for thermostat   |  |                 |          |
| anthracite   | <b>T-11-81</b>   | 2TKA00000267    | 1/10     |
| Center plate, for thermostat   |  |                 |          |
| aluminium  | <b>T-11-83</b>   | 2TKA00000273    | 1/10     |
|  Thermostat with low insert (20 mm mounting depth) meeting the Ecodesign requirements. The thermostat is pre-programmed. Rated voltage 230 V AC ± 10% 50 Hz Output 1 no and connectors 1.5 mm <sup>2</sup> to 4 mm <sup>2</sup> Switching current 250 V AC / 16 (2) A, protection class II and protection class IP21.<br>Operating temperature 0 ° C to 35 ° C and storage temperature -20 ° C to 70 ° C<br>Clock Accuracy (at 20 ° C) <+/- 0.5 sec / min<br>Power consumption (standby) <0.05 W<br>Floor sensor NTC 10kΩ @ 25 °C and external control (EXT connector) 230V AC / 10µA (same phase). |  |                 |          |
| white  | <b>TC16-20-84</b>  | 2TKA00004035    | 1/10     |
|  | <b>TC16-20U</b>  | 2TKA00004033    | 1/10     |
| white  | <b>6435-84</b>   | 2CKA006430A0306 | 1/10     |
| aluminium  | <b>6435-83</b>   | 2CKA006430A0305 | 1/10     |
| black matt   | <b>6435-885</b>  | 2CKA006430A0389 | 1/10     |


# Impressivo

## Signal

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Transformer</b><br>Small size transformer to be installed in normal mounting box. Short circuit protected.<br>Voltage: 230 V ac / 15 V ac.<br>Power / loading capacity: 2,2 VA / 150 mA. |              |          |
| <b>Jussi, includes insert and center plate</b>                                    |   |              |          |
|   | Transformer<br><b>FLM1000</b>   | 2TKA002168G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
| white   | Center plate, blind<br><b>U-84</b>  | 2TKA003414G1 | 1/10     |
| anthracite  | Center plate, blind<br><b>U-81</b>  | 2TKA003412G1 | 1/10     |
| aluminium   | Center plate, blind<br><b>U-83</b>  | 2TKA003413G1 | 1/10     |
| black matt  | <b>U-885</b>  | 2TKA00004109 | 1/10     |



|  |  |              |      |
|--|--|--------------|------|
|  | <b>Control Units, 1- and 2-loop</b><br>Available as 1- or 2-loop. Each loop has a LED and a cancelling/disconnecting button. The LED flashes during alarm. When cancelled/disconnected the LED lits constantly. Possibility to connect closing and opening potential free contacts. Loop controls itself against short circuits and breaks. Function selectors "M" memory ON/OFF and "T" delay 150ms/2,5 sec. Potential free output. Good marking possibilities. Operating voltage: 15 - 28 V ac / 18 - 35 V dc.<br>Current consumption, FEH1001 and FEH1101: 70 mA ac / 40 mA dc, FEH 1002: 110 mA ac / 60 mA dc. |              |      |
| <b>Jussi, includes insert and center plate</b>                                     |  |              |      |
|  | Control Unit, 1-loop<br><b>FEH1001</b>   | 2TKA002107G1 | 1/10 |
|  | Control Unit, 2-loop<br><b>FEH1002</b>   | 2TKA002110G1 | 1/10 |
| <b>Impressivo, center plate</b>  |  |              |      |
| white  | Center plate, 1-fold<br><b>1P-84</b>   | 2TKA000632G1 | 1/10 |
| anthracite   | Center plate, 1-fold<br><b>1P-81</b>   | 2TKA000630G1 | 1/10 |
| aluminium  | Center plate, 1-fold<br><b>1P-83</b>   | 2TKA000631G1 | 1/10 |
| white  | Center plate, 2-fold<br><b>2P-84</b>   | 2TKA000893G1 | 1/10 |
| black matt   | <b>1P-885</b>  | 2TKA00004110 | 1/10 |
| anthracite   | Center plate, 2-fold<br><b>2P-81</b>   | 2TKA000891G1 | 1/10 |
| aluminium  | Center plate, 2-fold<br><b>2P-83</b>   | 2TKA000892G1 | 1/10 |
| black matt   | <b>2P-885</b>  | 2TKA00004111 | 1/10 |



| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Alarm Unit, 1-loop</b><br>Operates as FEH1001, but has a bigger signal light, which flashes during alarm. When cancelled, it lits constantly. Cancelling/disconnection has its own input. When a push button/switch is connected to this terminal, the device could be cancelled/disconnected from a distance or from several points. Possibility to connect closing and opening potential free contacts. Loop controls itself against short circuits and breaks. Function selector "M" memory ON/OFF. Potential free output. Operating voltage: 15 - 28 V ac / 18 - 35 V dc. Current consumption 110 mA ac / 60 mA dc. Sound intensity/frequency: 78 dB / 2,3 kHz / 30cm. |              |          |
| <b>Jussi, includes insert and center plate</b>                                    |   |              |          |
|   | Alarm Unit, 1-loop<br><b>FEH2001</b>  | 2TKA002112G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
| white   | Center plate, Signal light<br><b>V-84</b>   | 2TKA003461G1 | 1/10     |
| anthracite  | Center plate, Signal light<br><b>V-81</b>   | 2TKA003459G1 | 1/10     |
| aluminium   | Center plate, Signal light<br><b>V-83</b>   | 2TKA003460G1 | 1/10     |
| black matt  | <b>V-885</b>  | 2TKA00004112 | 1/10     |

|   |  |              |      |
|---|--|--------------|------|
|  | <b>Signal Push Button</b><br>Signal Push Button with LED. Addressed / non-addressed function. Good marking possibilities. Operating voltage 9,5 - 28 V ac / 9,5 - 35 V dc. Current consumption: 20 mA ac / 10 mA dc. Switching voltage / -current / -power: 30 V ac / 35 V dc / 100 mA ac/dc / 3 VA/W. |              |      |
| <b>Jussi, includes insert and center plate</b>                                      |  |              |      |
|   | Signal Push Button, 1-fold<br><b>FAP2001</b>   | 2TKA002095G1 | 1/10 |
| <b>Impressivo, center plate</b>   |  |              |      |
| white   | Center plate, 1-fold<br><b>1P-84</b>   | 2TKA000632G1 | 1/10 |
| anthracite  | Center plate, 1-fold<br><b>1P-81</b>   | 2TKA000630G1 | 1/10 |
| aluminium   | Center plate, 1-fold<br><b>1P-83</b>   | 2TKA000631G1 | 1/10 |
| black matt  | <b>1P-885</b>  | 2TKA00004110 | 1/10 |

## Impressivo



### Signal




| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|    | <b>Signal Push Button with Cord</b><br>Signal Push Button with Cord corresponds technically to the Signal Push Button FAP2001. Length of the white Cord is 2,5 meters and the red Cord in 8 meters.  |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |  |              |          |
|   | Signal Push Button with Cord   |              |          |
|   | <b>FAP3002</b>   | 2TKA002098G1 | 1/10     |
|   | <b>FAP3002.PU</b>  | 2TKA00003391 | 1/10     |
| <b>Impressivo, center plate</b>   |  |              |          |
|   | Center plate, 2-fold   |              |          |
| white   | <b>2P-84</b>   | 2TKA000893G1 | 1/10     |
| anthracite  | <b>2P-81</b>   | 2TKA000891G1 | 1/10     |
| aluminium   | <b>2P-83</b>   | 2TKA000892G1 | 1/10     |
|  | <b>Signal Push Button with Stereo Plug Terminal</b><br>Signal Push Button with LED. Additional plug for 6.3 mm Jack connector (FAP9001). Addressed / non-addressed function. Good marking possibilities. Operating voltage: 9,5-28 Vac / 9,5-35 Vdc. Current consumption: 20 mA ac / 10 mA dc. Switching voltage / -current / -power: 30 Vac/35 Vdc / 100 mA ac/dc / 3 VA/W. |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |  |              |          |
|   | Signal Push Button with Stereo Plug Terminal   |              |          |
|   | <b>FAP3011</b>   | 2TKA002103G1 | 1/10     |
| <b>Impressivo, center plate</b>   |  |              |          |
|   | Center plate, Push button/telecom socket outlet  |              |          |
| white   | <b>PT-84</b>   | 2TKA003208G1 | 1/10     |
| anthracite  | <b>PT-81</b>   | 2TKA003206G1 | 1/10     |
| aluminium   | <b>PT-83</b>   | 2TKA003207G1 | 1/10     |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Wire Push Button</b><br>Push Button with 6.3 mm Jack plug (stereo). Closing contact. Length 2m.   |              |          |
| <b>Wire Push Button with 6,3mm Jack Plug</b>                                      |  |              |          |
|   | <b>FAP9001</b>   | 2TKA002105G1 | 1/10     |
|  | <b>Button / Buzzer</b><br>A device including a push button as well as a buzzer. The LED of the push button and the buzzer operates in parallel. The buzzer can be cancelled with the push button. In alarm position the LED flickers. When cancelled it lites constantly till the alarm goes off. Good marking possibilities on the push button and the name plate. Operating voltage 9,5 - 28 Vac / 9,5 - 35 Vdc. Current consumption: 45 mA ac / 35 mA dc. Load capacity of the switch: 42 Vac / 60 Vdc, 250 mA ac/dc, 6 VA / 4 W. |              |          |
| <b>Jussi, includes insert and center plate</b>                                    |  |              |          |
|   | Button / Buzzer  |              |          |
|   | <b>FIP1011</b>   | 2TKA002144G1 | 1/10     |
| <b>Impressivo, center plate</b>   |  |              |          |
|   | Center plate, 1-fold   |              |          |
| white   | <b>1P-84</b>   | 2TKA000632G1 | 1/10     |
| anthracite  | <b>1P-81</b>   | 2TKA000630G1 | 1/10     |
| aluminium   | <b>1P-83</b>   | 2TKA000631G1 | 1/10     |
| black matt  | <b>1P-885</b>  | 2TKA00004110 | 1/10     |

# Impressivo




## Signal





| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|    | <b>Signal Lights</b><br>Device with LED signal light. Opal lens.<br>Operating voltage of LED's: 9,5 - 28 V ac / 9,5 - 35 V dc.<br>Current consumption: 60 mA ac / 30 mA dc.   |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |   |              |          |
| red   | Signal Light<br><b>FIM1000</b>  | 2TKA002120G1 | 1/10     |
| yellow  | Signal Light<br><b>FIM1010</b>  | 2TKA002123G1 | 1/10     |
| green   | Signal Light<br><b>FIM1020</b>  | 2TKA002125G1 | 1/10     |
| white   | Signal Light<br><b>FIM1030</b>  | 2TKA002127G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
| white   | Center plate, Signal light<br><b>V-84</b>   | 2TKA003461G1 | 1/10     |
| anthracite  | Center plate, Signal light<br><b>V-81</b>   | 2TKA003459G1 | 1/10     |
| aluminium   | Center plate, Signal light<br><b>V-83</b>   | 2TKA003460G1 | 1/10     |
| black matt  | Center plate, Signal light<br><b>V-885</b>  | 2TKA00004112 | 1/10     |
|  | <b>Buzzer</b><br>Two audio frequencies available. Volume adjustment possible. Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc.<br>Current consumption: 40 mA ac / 20 mA dc. Sound intensity / frequency: 70 dB / 250 Hz or 70 dB / 750 Hz (intensity measured at 30 cm distance). Full sound intensity when operating voltage at least 15V ac or 18V dc. |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |   |              |          |
|   | Buzzer<br><b>FIM1100</b>  | 2TKA002128G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
| white   | Center plate, blind<br><b>U-84</b>  | 2TKA003414G1 | 1/10     |
| anthracite  | Center plate, blind<br><b>U-81</b>  | 2TKA003412G1 | 1/10     |
| aluminium   | Center plate, blind<br><b>U-83</b>  | 2TKA003413G1 | 1/10     |
| black matt  | Center plate, blind<br><b>U-885</b>   | 2TKA00004109 | 1/10     |

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|    | <b>Alarm Unit</b><br>Alarm Unit with flashing LED light and interrupting sound. Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc.<br>current consumption: 60 mA ac / 30 mA dc. Sound intensity / frequency: 78 dB / 2,3 kHz (intensity measured at 30 cm distance). Sound disconnectable.               |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |   |              |          |
| yellow  | Alarm Unit<br><b>FIM1210</b>  | 2TKA002135G1 | 1/10     |
| red   | Alarm Unit<br><b>FIM1200</b>  | 2TKA002131G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
| white   | Center plate, Signal light<br><b>V-84</b>   | 2TKA003461G1 | 1/10     |
| anthracite  | Center plate, Signal light<br><b>V-81</b>   | 2TKA003459G1 | 1/10     |
| aluminium   | Center plate, Signal light<br><b>V-83</b>   | 2TKA003460G1 | 1/10     |
| black matt  | Center plate, Signal light<br><b>V-885</b>  | 2TKA00004112 | 1/10     |
|  | <b>Signal Panel</b><br>Could be used as an 3/6 points alarm receiving panel in calling and alarm systems. With 6 red LED's.<br>Good marking possibilities.<br>Operating voltage: 12 - 24 V ac/dc.   |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |   |              |          |
|   | Signal Panel<br><b>FIM1300</b>  | 2TKA002136G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
| white   | Center plate, signal panel<br><b>6V-84</b>  | 2TKA001578G1 | 1/10     |
| anthracite  | Center plate, signal panel<br><b>6V-81</b>  | 2TKA001576G1 | 1/10     |
| aluminium   | Center plate, signal panel<br><b>6V-83</b>  | 2TKA001577G1 | 1/10     |
|  | <b>Disabled WC set, Impressivo</b><br>Impressivo disabled WC SET contains the following signalling products: 1 pc Transformer, 1 pc 1-loop Alarm Unit, 1 pc Signal Push Button with Draw Cord (calling) and 1 pc Signal Push Button (cancelling). All devices are equipped with Impressivo coverframes. |              |          |
| <b>Impressivo Disabled WC, set</b>  |   |              |          |
|   | <b>FJW1004-84</b>   | 2TKA00001119 | 1/10     |

## Impressivo

### Signalling Devices

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|    | <b>Jussi Leak Guard</b>   |              |          |
|   | The Leak Guard unit operates as the standard Control Unit FEH1001, with the exception that the loop monitors leakage current (10 µA). Tape sensors, conduit pairs or other leakage sensors could be connected to the device. Memory/no memory function. Potential free output. Cancelling button with LED.<br>Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc.<br>Current consumption: 75 mA ac / 40 mA dc. Good marking possibilities on the button and name plate. |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |   |              |          |
|   | Leak Guard  |              |          |
|   | <b>FEH2100</b>  | 2TKA002115G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
|   | Center plate, 1-fold  |              |          |
| white   | <b>1P-84</b>  | 2TKA000632G1 | 1/10     |
|   | Center plate, 1-fold  |              |          |
| anthracite  | <b>1P-81</b>  | 2TKA000630G1 | 1/10     |
|   | Center plate, 1-fold  |              |          |
| aluminium   | <b>1P-83</b>  | 2TKA000631G1 | 1/10     |
| black matt  | <b>1P-885</b>   | 2TKA00004110 | 1/10     |
|  | <b>Mains Relay</b>  |              |          |
|   | With mains relay Jussi leak guard can control 230 V ac magnetic valves.. Controlled by low voltage potential free contact (e.g. switches, push buttons, potential free contacts or alarm panels). Separate transformer not needed. Loading capacity: 10 A / 230 V ac. Fluorescent light load max 300 VA.  |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |   |              |          |
|   | Mains Relay   |              |          |
|   | <b>FIR1000</b>  | 2TKA002152G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
|   | Center plate, blind   |              |          |
| white   | <b>U-84</b>   | 2TKA003414G1 | 1/10     |
|   | Center plate, blind   |              |          |
| anthracite  | <b>U-81</b>   | 2TKA003412G1 | 1/10     |
|   | Center plate, blind   |              |          |
| aluminium   | <b>U-83</b>   | 2TKA003413G1 | 1/10     |
| black matt  | <b>U-885</b>  | 2TKA00004109 | 1/10     |
|  | <b>Tape Sensors</b>   |              |          |
|   | Self adhesive Leak Guard sensor. Wires connected to sensor by soldering.  |              |          |
|   | Tape Sensor, lenght 2 m   |              |          |
|   | <b>FLA2100.02</b>   | 2TKA002164G1 | 1/10     |
|   | Tape sensor, lenght 50 m  |              |          |
|   | <b>FLA2100.50</b>   | 2TKA002166G1 | 1        |

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|    | <b>Impressivo, Door Panel</b>   |              |          |
|   | The Door Panel can be installed either surface or flush-mounted on top of a 1- or 2-gang mounting box. Compatible with Table Panel FIP2000-8x.<br>Operating voltage: 15 - 28 V ac.<br>Current consumption: 75 mA (max).   |              |          |
|   | Door Panel for office signal system   |              |          |
| white   | <b>FIO2000-84</b>   | 2TKA002142G1 | 1/10     |
|    | <b>Impressivo Table Panel</b>   |              |          |
|   | The Table Panel can be used for controlling the signal lights of Door Panel FIO2000-xx. It also includes a freely adaptable Push Button and Switch, which can be integrated into an existing emergency or assistant call system using the Adapter Relay FIR2000. 2 meters connecting wire. Operating voltage: 15 - 28 V ac. |              |          |
|   | Table Panel for office signal system  |              |          |
| white   | <b>FIP2000-84</b>   | 2TKA002148G1 | 1/10     |
|   | <b>Table Panel Terminal</b>   |              |          |
|   | Table Panel is connected to a RJ12 terminal. The yellow light could be controlled automatically. FOR2000 could be used in both analog and digital telephone systems. FOT2000 is used in digital telephone systems or when the automatic control of the yellow light is not used.  |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |   |              |          |
|   | Table Panel Terminal  |              |          |
|   | <b>FOT2000</b>  | 2TKA002177G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
|   | Center plate, 2 x RJ45, dust covers   |              |          |
| white   | <b>1819DC-84</b>  | 2TKA00001111 | 1/10     |
|  | <b>Adapter Relay</b>  |              |          |
|   | The Adapter Relay is used to integrate the Office Signal System with calling- or alarm systems. Operating voltage 15 - 28 V ac.   |              |          |
| <b>Jussi, includes insert and center plate</b>                                      |   |              |          |
|   | Adapter Relay   |              |          |
|   | <b>FIR2000</b>  | 2TKA002155G1 | 1/10     |
| <b>Impressivo, center plate</b>   |   |              |          |
|   | Center plate, blind   |              |          |
| white   | <b>U-84</b>   | 2TKA003414G1 | 1/10     |
|   | Center plate, blind   |              |          |
| anthracite  | <b>U-81</b>   | 2TKA003412G1 | 1/10     |
|   | Center plate, blind   |              |          |
| aluminium   | <b>U-83</b>   | 2TKA003413G1 | 1/10     |
| black matt  | <b>U-885</b>  | 2TKA00004109 | 1/10     |


IMPRESSIVO CENTER PLATES FOR JUSSI SIGNALLING PRODUCTS.



INCLUDES THE NEEDED PARTS TO MODIFY THE JUSSI SIGNALLING PRODUCT TO IMPRESSIVO.





## Impressivo


### Signalling Devices


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Signal light inserts</b><br>LED signal light inserts for 230V supply. Center plates V-81, V-83 and V-84 fit to the inserts. There are screw terminals for max 2,5mm <sup>2</sup> wires. Not extendable. |              |          |
|   | <b>Modular</b>   |              |          |
| white   | Signal light insert, Led 230V/25mA<br><b>2661.09</b>   | 2TKA000875G1 | 1/10     |
| red   | Signal light insert, Led 230V/25mA<br><b>2661.02</b>   | 2TKA000874G1 | 1/10     |
| white   | Center plate, Signal light<br><b>V-84</b>  | 2TKA003461G1 | 1/10     |
| anthracite  | Center plate, Signal light<br><b>V-81</b>  | 2TKA003459G1 | 1/10     |
| aluminium   | Center plate, Signal light<br><b>V-83</b>  | 2TKA003460G1 | 1/10     |
| black matt  | <b>V-885</b>   | 2TKA00004112 | 1/10     |

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Claws</b><br>Claws for 1-gang socket outlets, Euro socket outlets, switches and push switches. Not suitable for 2-gang Impressivo socket outlet inserts. Inserts with claws are also available.  |              |          |
|   | Claws for socket outlets and switches<br><b>ASE1</b>  | 2TKA001721G1 | 10/100   |
|  | <b>Screw-mounted rocker frames, IP44</b><br>Screw-mounted rocker frame is used with the seals 2463 or 2464 to reach IP44 protection class on switches and push switches. Furthermore, it can be used to connect the switch frame to the insert with screws for improved security. |              |          |
|   | <b>Modular</b>  |              |          |
|   | Supporting frame for 1/3-gang rocker, screw fastening<br><b>2474</b>  | 2TKA000004G1 | 20/200   |
|   | Supporting frame for 2-gang rocker, screw fastening<br><b>2475</b>  | 2TKA000005G1 | 20/200   |

|   |  |              |        |
|---|--|--------------|--------|
|  | <b>Seal 85mm for 1-gang socket outlet, IP44</b><br>1-gang socket outlet inserts installed with the seal and a center plate with hinged lid are IP44. Switches and push buttons installed with the seal and with the screwmounted rocker frames are IP44. |              |        |
|   | <b>2463</b>  | 2TKA000002G1 | 20/200 |

|   |  |              |        |
|---|--|--------------|--------|
|  | <b>Seal 100mm for 2-gang socket outlet, IP44</b><br>2-gang socket outlet inserts installed with the seal and a center plate with hinged lids are IP44. Switches, push buttons and 1-gang socket outlets with a hinged lid are also IP44, when using the seal with adaptor 2519-xx. Screw mounted rocker frame must be used to reach IP44 protection class. |              |        |
|   | <b>2464</b>  | 2TKA000003G1 | 20/200 |

|   |  |              |      |
|---|--|--------------|------|
|  | <b>Blind center plate, 85mm</b><br>85mm blind center plate can be used to cover an empty box. It can be used together with 85mm flush- and surface mounting frames. Flush mounting: On a smooth surface IP21, on a rough surface IP20 (seal can't be used). When installed on surface with 2456.26 and 172xS85-xx, protection class is IP44. |              |      |
| white   | <b>2538-84</b>   | 2TKA000856G1 | 1/10 |
| anthracite  | <b>2538-81</b>   | 2TKA000852G1 | 1/10 |
| aluminium   | <b>2538-83</b>   | 2TKA000854G1 | 1/10 |

|   |  |              |      |
|---|--|--------------|------|
|  | <b>Blind center plate, 100mm</b><br>100mm blind center plate can be used to cover an empty box. Can be used together with 100mm flush- and surface mounting frames. Flush mounting: On a smooth surface IP21, on a rough surface IP20 (seal can't be used). When installed on surface the protection class is IP44 if wires are installed downwards. |              |      |
| white   | <b>2538-100-84</b>   | 2TKA000848G1 | 1/10 |
| anthracite  | <b>2538-100-81</b>   | 2TKA000846G1 | 1/10 |
| aluminium   | <b>2538-100-83</b>   | 2TKA000847G1 | 1/10 |

IMPRESSIVO CENTER PLATES FOR JUSSI SIGNALLING PRODUCTS.  
INCLUDES THE NEEDED PARTS TO MODIFY THE JUSSI SIGNALLING PRODUCT TO IMPRESSIVO.

## Impressivo

### LED lights

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Flush mounting cover frames 85mm, IP21/IP44 1-gang

Flush mounting cover frames for 1-gang devices. Suitable for both horizontal and vertical installation. Standard installation is IP21 on smooth surface. When using seal 2463 installation is IP21 on rough surface. Final IP class of installation is defined by the used center plate (IP21/IP44).

|            |                   |              |      |
|------------|-------------------|--------------|------|
| white      | <b>1721F85-84</b> | 2TKA000287G1 | 1/10 |
| anthracite | <b>1721F85-81</b> | 2TKA000283G1 | 1/10 |
| aluminium  | <b>1721F85-83</b> | 2TKA000285G1 | 1/10 |



#### Flush mounting cover frames 85mm, IP21/IP44 2-gang

|            |                   |              |     |
|------------|-------------------|--------------|-----|
| white      | <b>1722F85-84</b> | 2TKA000337G1 | 1/5 |
| anthracite | <b>1722F85-81</b> | 2TKA000333G1 | 1/5 |
| aluminium  | <b>1722F85-83</b> | 2TKA000335G1 | 1/5 |



#### Flush mounting cover frames 85mm, IP21/IP44 3-gang

|            |                   |              |     |
|------------|-------------------|--------------|-----|
| white      | <b>1723F85-84</b> | 2TKA000376G1 | 1/5 |
| anthracite | <b>1723F85-81</b> | 2TKA000372G1 | 1/5 |
| aluminium  | <b>1723F85-83</b> | 2TKA000374G1 | 1/5 |



#### Flush mounting cover frames 85mm, IP21/IP44 4-gang

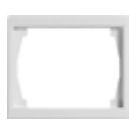
|            |                   |              |     |
|------------|-------------------|--------------|-----|
| white      | <b>1724F85-84</b> | 2TKA000409G1 | 1/5 |
| anthracite | <b>1724F85-81</b> | 2TKA000407G1 | 1/5 |
| aluminium  | <b>1724F85-83</b> | 2TKA000408G1 | 1/5 |



#### Flush mounting cover frames 85mm, IP21/IP44 5-gang

|            |                   |              |     |
|------------|-------------------|--------------|-----|
| white      | <b>1725F85-84</b> | 2TKA000434G1 | 1/5 |
| anthracite | <b>1725F85-81</b> | 2TKA000432G1 | 1/5 |
| aluminium  | <b>1725F85-83</b> | 2TKA000433G1 | 1/5 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Flush mounting cover frames 100mm, IP21/IP44 1-gang

Flush mounting cover frames for 2-gang devices, such as double socket outlets. Also 1-gang devices, such as switches, can be installed using adapter 2519-xx. Suitable for both horizontal and vertical installation. Standard installation is IP21 on smooth surface. When using seal 2463 installation is IP21 on rough surface. Final IP class of installation is defined by the used center plate (IP21/IP44).

|            |                    |              |      |
|------------|--------------------|--------------|------|
| white      | <b>1721F100-84</b> | 2TKA000279G1 | 1/10 |
| anthracite | <b>1721F100-81</b> | 2TKA000275G1 | 1/10 |
| aluminium  | <b>1721F100-83</b> | 2TKA000277G1 | 1/10 |



#### Flush mounting cover frames 85mm, IP21/IP44 2-gang

|            |                    |              |     |
|------------|--------------------|--------------|-----|
| white      | <b>1722F100-84</b> | 2TKA000329G1 | 1/5 |
| anthracite | <b>1722F100-81</b> | 2TKA000325G1 | 1/5 |
| aluminium  | <b>1722F100-83</b> | 2TKA000327G1 | 1/5 |



#### Flush mounting cover frames 85mm, IP21/IP44 3-gang

|            |                    |              |     |
|------------|--------------------|--------------|-----|
| white      | <b>1723F100-84</b> | 2TKA000369G1 | 1/5 |
| anthracite | <b>1723F100-81</b> | 2TKA000365G1 | 1/5 |
| aluminium  | <b>1723F100-83</b> | 2TKA000367G1 | 1/5 |



#### Flush mounting cover frames 85mm, IP21/IP44 4-gang

|            |                    |              |     |
|------------|--------------------|--------------|-----|
| white      | <b>1724F100-84</b> | 2TKA000405G1 | 1/5 |
| anthracite | <b>1724F100-81</b> | 2TKA000403G1 | 1/5 |
| aluminium  | <b>1724F100-83</b> | 2TKA000404G1 | 1/5 |



#### Flush mounting cover frames 85mm, IP21/IP44 5-gang

|            |                    |              |     |
|------------|--------------------|--------------|-----|
| white      | <b>1725F100-84</b> | 2TKA000430G1 | 1/5 |
| anthracite | <b>1725F100-81</b> | 2TKA000428G1 | 1/5 |
| aluminium  | <b>1725F100-83</b> | 2TKA000429G1 | 1/5 |

## Impressivo

### Accessories

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### 1-gang switches

Switch with screwless terminals and lamp possibility. Rocker with clip-on fastening. IP21 when wires are installed downwards. 16AX/250V, 2 X-terminals

#### 1-gang 2-way switch

|            |                 |              |      |
|------------|-----------------|--------------|------|
| white      | <b>1066A-84</b> | 2TKA00001601 | 1/10 |
| anthracite | <b>1066A-81</b> | 2TKA00001602 | 1/10 |
| aluminium  | <b>1066A-83</b> | 2TKA00001603 | 1/10 |

#### 1-gang intermediate switch

|            |                 |              |      |
|------------|-----------------|--------------|------|
| white      | <b>1067A-84</b> | 2TKA00001846 | 1/10 |
| anthracite | <b>1067A-81</b> | 2TKA00001847 | 1/10 |
| aluminium  | <b>1067A-83</b> | 2TKA00001848 | 1/10 |



#### 2-gang switches

Switch with screwless terminals, no lamp possibility. Rocker with clip-on fastening. IP21 when wires are installed downwards. 16AX/250V, 2 X-terminals

#### 2-gang 1-way switch

|            |                 |              |      |
|------------|-----------------|--------------|------|
| white      | <b>1065A-84</b> | 2TKA00001598 | 1/10 |
| anthracite | <b>1065A-81</b> | 2TKA00001599 | 1/10 |
| aluminium  | <b>1065A-83</b> | 2TKA00001600 | 1/10 |

#### 2-gang 2-way switch

|            |                  |              |      |
|------------|------------------|--------------|------|
| white      | <b>10666A-84</b> | 2TKA00001843 | 1/10 |
| anthracite | <b>10666A-81</b> | 2TKA00001844 | 1/10 |
| aluminium  | <b>10666A-83</b> | 2TKA00001845 | 1/10 |



#### 3-gang switch

Switch with screwless terminals, no lamp possibility. Rocker with clip-on fastening. IP21 when wires are installed downwards. 16AX/250V, 2 X-terminals

|            |                  |              |      |
|------------|------------------|--------------|------|
| white      | <b>10631A-84</b> | 2TKA00001849 | 1/10 |
| anthracite | <b>10631A-81</b> | 2TKA00001850 | 1/10 |
| aluminium  | <b>10631A-83</b> | 2TKA00001851 | 1/10 |



#### 2-pole switch

Switch with screwless terminals and lamp possibility. Rocker with clip-on fastening. IP21 when wires are installed downwards. 16AX/250V, 2 X-terminals

|       |                 |              |      |
|-------|-----------------|--------------|------|
| white | <b>1062A-84</b> | 2TKA00001840 | 1/10 |
|-------|-----------------|--------------|------|



#### 1-gang push switch

Push switch with screwless terminals and lamp possibility. Rocker with clip-on fastening. Delivered with clear lens. IP21 when the wires are installed downwards. 10A/250V, 2 X-terminals

|            |                 |              |      |
|------------|-----------------|--------------|------|
| white      | <b>1461A-84</b> | 2TKA00001604 | 1/10 |
| anthracite | <b>1461A-81</b> | 2TKA00001605 | 1/10 |
| aluminium  | <b>1461A-83</b> | 2TKA00001606 | 1/10 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### 4-gang Schuko socket outlet, IP21

The device is based on two 2-gang socket outlet inserts, which are internally connected. The socket outlet inserts have shutters. There are screwless terminals for each contact of the socket outlet insert for max 4 rigid wires. No X-terminals. IP21 when the wires are installed downwards.

|            |                 |              |      |
|------------|-----------------|--------------|------|
| white      | <b>404EA-84</b> | 2TKA00001613 | 1/20 |
| anthracite | <b>404EA-81</b> | 2TKA00001614 | 1/20 |
| aluminium  | <b>404EA-83</b> | 2TKA00001615 | 1/20 |



#### 2-gang Schuko socket outlet, IP21

Screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters. IP21 when the wires are installed downwards.

|            |                 |              |      |
|------------|-----------------|--------------|------|
| white      | <b>402EA-84</b> | 2TKA00001607 | 1/10 |
| anthracite | <b>402EA-81</b> | 2TKA00001608 | 1/10 |
| aluminium  | <b>402EA-83</b> | 2TKA00001609 | 1/10 |



#### 2-gang Schuko socket outlet, surface mounting, IP44

Product includes Schuko socket outlet insert, center plate with lid, surface mounting cover frame and box. The socket outlet insert has shutters and screwless terminals, branching terminals.

|            |                  |              |      |
|------------|------------------|--------------|------|
| anthracite | <b>302ESW-81</b> | 2TKA00001754 | 1/10 |
|------------|------------------|--------------|------|



#### 2-gang Schuko outlets with special colour, IP21

Screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters. IP21 when the wires are installed downwards. These socket outlets can be used, for instance, in hospitals and offices, when there is a need to limit socket outlet use to certain applications.

|        |                 |              |      |
|--------|-----------------|--------------|------|
| red    | <b>402EA-02</b> | 2TKA00002966 | 1/10 |
| orange | <b>402EA-03</b> | 2TKA00002967 | 1/10 |
| green  | <b>402EA-05</b> | 2TKA00002968 | 1/10 |
| blue   | <b>402EA-06</b> | 2TKA00002969 | 1/10 |



#### 2-gang Schuko socket outlet, lath installation, IP21

Schuko 2-gang socket outlet for lath installation. There are screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters.

|            |                 |              |      |
|------------|-----------------|--------------|------|
| white      | <b>402EL-84</b> | 2TKA00002273 | 1/10 |
| anthracite | <b>402EL-81</b> | 2TKA00002274 | 1/10 |
| aluminium  | <b>402EL-83</b> | 2TKA00002275 | 1/10 |




#### 2-gang Schuko socket outlet, corner installation, IP21


Schuko 2-gang socket outlet for corner installation. There are screwless terminals for each contact of the socket outlet for max 4 rigid wires. No X-terminals. The socket outlet insert has shutters.


|            |                 |              |      |
|------------|-----------------|--------------|------|
| white      | <b>402EE-84</b> | 2TKA00001610 | 1/20 |
| anthracite | <b>402EE-81</b> | 2TKA00001611 | 1/20 |
| aluminium  | <b>402EE-83</b> | 2TKA00001612 | 1/20 |


## Impressivo


### Frames


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Surface mounting box 85mm, IP21</b><br>Surface mounting box for 1-gang devices such as antenna and data outlet and others, insert height max. 26 mm. Large devices such as dimmers doesn't fit in the box. Delivery includes bottom plate and cover. h=41mm |              |          |
| white   | <b>1721A-84</b>  | 2TKA00001616 | 1/10     |
| anthracite  | <b>1721A-81</b>  | 2TKA00001617 | 1/10     |
| aluminium   | <b>1721A-83</b>  | 2TKA00001618 | 1/10     |

|   |   |              |      |
|---|---|--------------|------|
|  | <b>Lath installation box 85mm, IP21</b><br>Lath installation box for 1-gang devices such as antenna and data outlet and others, insert height max. 26 mm. Large devices such as dimmers doesn't fit in the box. Delivery includes bottom plate and cover. |              |      |
| white   | <b>1721L-84</b>   | 2TKA00002276 | 1/10 |
| anthracite  | <b>1721L-81</b>   | 2TKA00002277 | 1/10 |
| aluminium   | <b>1721L-83</b>   | 2TKA00002278 | 1/10 |

|   |   |              |      |
|---|---|--------------|------|
|  | <b>Corner installation box 85mm, IP21</b><br>Surface mounting box for 2 devices, also for electronic devices. Horizontal or vertical installation in corners. Use with 85mm 2-gang cover frame. |              |      |
| white   | <b>1722H-84</b>   | 2TKA00002279 | 1/20 |
| anthracite  | <b>1722H-81</b>   | 2TKA00002280 | 1/20 |
| aluminium   | <b>1722H-83</b>   | 2TKA00002281 | 1/20 |


|   |   |              |        |
|---|---|--------------|--------|
|  | <b>Surface mounting bottom plate, IP21/IP44</b><br>Surface mounting bottom plate for flush mounted products, insert height max. 26mm. To be combined with 85mm and 100mm surface mounting cover frames 172xS85-xx and 172xS100-xx. Socket outlets are IP44 when using center plates with hinged lid. Switches and push switches are IP44 when combined with screw fastening rocker. Wires must be installed downwards for IP44 protection class. Dimmers do not fit in the box. |              |        |
|   | <b>2456.26</b>  | 2TKA000769G1 | 10/100 |


|   |   |              |        |
|---|---|--------------|--------|
|  | <b>DCL lamp outlet for mounting boxes</b><br>The DCL outlet can be installed on standard wall mounting boxes (screw distance c/c 60 mm). It is safe and easy to use for the end consumer, as they can snap-in the DCL plug in the socket. The outlet is typically installed on wall but can also be installed in ceiling. 85x85mm |              |        |
| white   | <b>AKK6-84</b>  | 2TKA00000934 | 10/100 |
| anthracite  | <b>AKK6-81</b>  | 2TKA00000936 | 10/100 |
| aluminium   | <b>AKK6-83</b>  | 2TKA00000935 | 10/100 |


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>High surface mounting boxes 80mm, IP20</b><br>Surface mounting boxes for high 1-gang devices, such as dimmers, insert height max. 40 mm. Suitable for both horizontal and vertical installation. Delivery includes box and cover frame. h=54mm |              |          |
|   | <b>1-gang</b>   |              |          |
| white   | <b>1721S80-84</b>   | 2TKA00000993 | 1/10     |
| anthracite  | <b>1721S80-81</b>   | 2TKA00000991 | 1/10     |
| aluminium   | <b>1721S80-83</b>   | 2TKA00000992 | 1/10     |
|   | <b>2-gang</b>   |              |          |
| white   | <b>1722S80-84</b>   | 2TKA00000996 | 1/5      |
| anthracite  | <b>1722S80-81</b>   | 2TKA00000994 | 1/5      |
| aluminium   | <b>1722S80-83</b>   | 2TKA00000995 | 1/5      |
|   | <b>3-gang</b>   |              |          |
| white   | <b>1723S80-84</b>   | 2TKA00000999 | 1/10     |
| anthracite  | <b>1723S80-81</b>   | 2TKA00000997 | 1/10     |
| aluminium   | <b>1723S80-83</b>   | 2TKA00000998 | 1/10     |


## Impressivo – surface mounting

### Switches and push switches IP21


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Surface mounting cover frames 85mm, IP21/IP44 1-gang</b><br>Surface mounting cover frames for 1-gang devices, such as switches and socket outlets. Suitable for both horizontal and vertical installation. To be used with surface mounting box 2456.26. Dimmers do not fit in the frame. Wires must be installed downwards for IP44 protection class. Final IP class of installation is defined by the used center plate (IP21/IP44).<br>h=40mm |              |          |
| white   | <b>1721S85-84</b>   | 2TKA000302G1 | 1/50     |
| anthracite  | <b>1721S85-81</b>   | 2TKA000298G1 | 1/50     |
| aluminium   | <b>1721S85-83</b>   | 2TKA000300G1 | 1/50     |


|   |   |              |      |
|---|---|--------------|------|
|  | <b>Surface mounting cover frames 85mm, IP21/IP44 2-gang</b> |              |      |
| white   | <b>1722S85-84</b>   | 2TKA000347G1 | 1/25 |
| anthracite  | <b>1722S85-81</b>   | 2TKA000344G1 | 1/25 |
| aluminium   | <b>1722S85-83</b>   | 2TKA000345G1 | 1/25 |


|   |   |              |      |
|---|---|--------------|------|
|  | <b>Surface mounting cover frames 85mm, IP21/IP44 3-gang</b> |              |      |
| white   | <b>1723S85-84</b>   | 2TKA000385G1 | 1/25 |
| anthracite  | <b>1723S85-81</b>   | 2TKA000383G1 | 1/25 |
| aluminium   | <b>1723S85-83</b>   | 2TKA000384G1 | 1/25 |


|   |   |              |      |
|---|---|--------------|------|
|  | <b>Surface mounting cover frames 85mm, IP21/IP44 4-gang</b> |              |      |
| white   | <b>1724S85-84</b>   | 2TKA000417G1 | 1/25 |
| anthracite  | <b>1724S85-81</b>   | 2TKA000415G1 | 1/25 |
| aluminium   | <b>1724S85-83</b>   | 2TKA000416G1 | 1/25 |

### Socket outlets IP21

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Surface mounting cover frames 100mm, IP21/IP44 1-gang</b><br>Surface mounting cover frames for 2-gang devices, such as double socket outlets. Also 1-gang devices can be installed using the adaptor 2519-xx. Suitable for both horizontal and vertical installation. To be used with surface mounting box 2456.26. Wires must be installed downwards for IP44 protection class. Final IP class of installation is defined by the used center plate (IP21/IP44).<br>h=40mm |              |          |
| white   | <b>1721S100-84</b>  | 2TKA000295G1 | 1/50     |
| anthracite  | <b>1721S100-81</b>  | 2TKA000291G1 | 1/50     |
| aluminium   | <b>1721S100-83</b>  | 2TKA000293G1 | 1/50     |


|   |  |              |      |
|---|--|--------------|------|
|  | <b>Surface mounting cover frames 100mm, IP21/IP44 2-gang</b> |              |      |
| white   | <b>1722S100-84</b>   | 2TKA000342G1 | 1/25 |
| anthracite  | <b>1722S100-81</b>   | 2TKA000340G1 | 1/25 |
| aluminium   | <b>1722S100-83</b>   | 2TKA000341G1 | 1/25 |


|   |  |              |      |
|---|--|--------------|------|
|  | <b>Surface mounting cover frames 100mm, IP21/IP44 3-gang</b> |              |      |
| white   | <b>1723S100-84</b>   | 2TKA000381G1 | 1/25 |
| anthracite  | <b>1723S100-81</b>   | 2TKA000379G1 | 1/25 |
| aluminium   | <b>1723S100-83</b>   | 2TKA000380G1 | 1/25 |


|   |  |              |      |
|---|--|--------------|------|
|  | <b>Surface mounting cover frames 100mm, IP21/IP44 4-gang</b> |              |      |
| white   | <b>1724S100-84</b>   | 2TKA000413G1 | 1/20 |
| anthracite  | <b>1724S100-81</b>   | 2TKA000411G1 | 1/20 |
| aluminium   | <b>1724S100-83</b>   | 2TKA000412G1 | 1/20 |


## Impressivo – surface mounting


### Boxes and accessories


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Bus Coupler</b><br>For connecting operating elements such as a push buttons (1-, 2-, 4-fold), motion detectors, room thermostats etc. to the ABB i-bus® KNX system. |              |          |
|   | <b>6120/12-101-500</b>   | 2TKA00000219 | 1/10     |


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Switch sensor, 1/2-gang</b><br>Flush mounted multifunction push button for ABB i-bus KNX 6120/12-101-500. With labelling field, transparent labelling sheet with standard symbols included in delivery. Support of KNX functions through innovative colour concept yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Cover plate not included. |              |          |
| white   | <b>6125/02-84-500</b>  | 2TKA00000271 | 1/10     |
| anthracite  | <b>6125/02-81-500</b>  | 2TKA00000266 | 1/10     |
| aluminium   | <b>6125/02-83-500</b>  | 2TKA00000269 | 1/10     |


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Switch sensor, 2/4-gang</b><br>Flush mounted multifunction push button for ABB i-bus KNX 6120/12-101-500. With labelling field, transparent labelling sheet with standard symbols included in delivery. Support of KNX functions through innovative colour concept yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Cover plate not included. |              |          |
| white   | <b>6126/02-84-500</b>  | 2TKA00000311 | 1/10     |
| anthracite  | <b>6126/02-81-500</b>  | 2TKA00000297 | 1/10     |
| aluminium   | <b>6126/02-83-500</b>  | 2TKA00000239 | 1/10     |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Switch sensor, 4/8-gang</b><br>Flush mounted multifunction push button for ABB i-bus KNX 6120/12-101-500. With labelling field, transparent labelling sheet with standard symbols included in delivery. Support of KNX functions through innovative colour concept yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Cover plate not included. |              |          |
| white   | <b>6127/02-84-500</b>  | 2TKA00000327 | 1/10     |
| anthracite  | <b>6127/02-81-500</b>  | 2TKA00000323 | 1/10     |
| aluminium   | <b>6127/02-83-500</b>  | 2TKA00000325 | 1/10     |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Switch sensor, 3/6-gang with IR-receiver</b><br>Flush mounted multifunction push button with IR-receiver for ABB i-bus KNX 6120/12-101-500. With labelling field, transparent labelling sheet with standard symbols included in delivery. Support of KNX functions through innovative colour concept yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Cover plate not included. Controlling with the IR remote control 6010-25. |              |          |
| white   | <b>6129/01-84-500</b>  | 2TKA00000246 | 1/10     |
| anthracite  | <b>6129/01-81-500</b>  | 2TKA00000242 | 1/10     |
| aluminium   | <b>6129/01-83-500</b>  | 2TKA00000244 | 1/10     |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>IR remote control</b><br>Infrared hand-held transmitter. Network-independent remote control for infrared receiver and KNX flushmounted infrared interface (10 consumers switchable in 2 groups, 1 – 5/6 – 10, programming and selection of 2 MEMO memories per address group). Supply: 4 alkaline manganese batteries, IEC LR03 (not included in scope of supply) Range: frontal, approx. 15 m. |              |          |
|   | <b>6010-25</b>   | 2TKA001017G1 | 1        |

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Control element, 2/4gang, with RTC multi-function/colour concept</b><br>For ABB i-bus® KNX bus coupler 6120/12-101-500, 6120/13-500. Support of KNX functions through innovative colour concept (yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green. Rocker switch left/right (switching/dimming/blind/ value sender/light scenes/fan function). Master/slave configuration. With base-load operation. The controller is a constant room temperature controller for ventilator convectors (fan coils) in 2-pipe and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in auto- matic mode. Transparent labelling sheet with standard symbols included in delivery. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts left/right, also for selecting setpoint and mode of operation. Display elements: LCD showing operation mode and temperature. Protection class (Device): IP20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm. |              |          |
| grey metallic   | <b>6128/28-803-500</b>  | 2TKA00003208 | 1/10     |
| white   | <b>6128/28-84-500</b>   | 2TKA00003206 | 1/10     |
| anthracite  | <b>6128/28-81-500</b>   | 2TKA00003204 | 1/10     |
| aluminium   | <b>6128/28-83-500</b>   | 2TKA00003205 | 1/10     |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Movement detector, with manual operation</b><br>Flush mounted sensor with Comfort II multi-lens. For ABB i-bus KNX 6120/12-101-500. Movement detector with up to 4 channels. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.) Cover plate not included. |              |          |
| white   | <b>6122/02-84-500</b>  | 2TKA00000233 | 1/10     |
| anthracite  | <b>6122/02-81-500</b>  | 2TKA00000229 | 1/10     |
| aluminium   | <b>6122/02-83-500</b>  | 2TKA00000231 | 1/10     |

## Impressivo – surface mounting

### Cover frames

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### 1-, 2- and 4-gang switch sensors with bus coupler

1-, 2- and 4-gang standard switch sensor that includes bus coupler. LED for displaying the output. 2 LEDs on each button. Cover plate not included.

#### 1-gang pushbuttons

|            |                       |              |      |
|------------|-----------------------|--------------|------|
| white      | <b>6125/01-84-500</b> | 2TKA00000262 | 1/10 |
| anthracite | <b>6125/01-81-500</b> | 2TKA00000257 | 1/10 |
| aluminium  | <b>6125/01-83-500</b> | 2TKA00000260 | 1/10 |

#### 2-gang pushbuttons

|            |                       |              |      |
|------------|-----------------------|--------------|------|
| white      | <b>6126/01-84-500</b> | 2TKA00000293 | 1/10 |
| anthracite | <b>6126/01-81-500</b> | 2TKA00000284 | 1/10 |
| aluminium  | <b>6126/01-83-500</b> | 2TKA00000288 | 1/10 |

#### 4-gang pushbuttons

|            |                       |              |      |
|------------|-----------------------|--------------|------|
| white      | <b>6127/01-84-500</b> | 2TKA00000319 | 1/10 |
| anthracite | <b>6127/01-81-500</b> | 2TKA00000315 | 1/10 |
| aluminium  | <b>6127/01-83-500</b> | 2TKA00000317 | 1/10 |



#### Busch-Watchdog® 180 Sensor Standard, Select with integrated bus coupler, FM

Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated KNX bus coupler.

|            |                       |              |      |
|------------|-----------------------|--------------|------|
| white      | <b>6122/10-84-500</b> | 2TKA00003199 | 1/10 |
| anthracite | <b>6122/10-81-500</b> | 2TKA00003197 | 1/10 |
| aluminium  | <b>6122/10-83-500</b> | 2TKA00003198 | 1/10 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Push-button coupling 2gang with integrated bus coupler

Support of KNX functions through innovative color concept yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green. With middle position. The bus can be connected via enclosed terminal block.

#### Push-button coupling 2gang

|                    |              |      |
|--------------------|--------------|------|
| <b>6108/06-500</b> | 2TKA00003193 | 1/10 |
|--------------------|--------------|------|

#### Rocker 1gang

|            |                |              |      |
|------------|----------------|--------------|------|
| white      | <b>SR-1-84</b> | 2TKA00002776 | 1/10 |
| anthracite | <b>SR-1-81</b> | 2TKA00002774 | 1/10 |
| aluminium  | <b>SR-1-83</b> | 2TKA00002775 | 1/10 |



#### Push-button coupling 4gang with integrated bus coupler

Support of KNX functions through innovative color concept yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green. With middle position. The bus can be connected via enclosed terminal block.

#### Push-button coupling 4gang



|                    |              |      |
|--------------------|--------------|------|
| <b>6108/07-500</b> | 2TKA00003194 | 1/10 |
|--------------------|--------------|------|



#### Rocker 2gang left/right

|            |                |              |      |
|------------|----------------|--------------|------|
| white      | <b>SR-2-84</b> | 2TKA00002779 | 1/10 |
| anthracite | <b>SR-2-81</b> | 2TKA00002777 | 1/10 |
| aluminium  | <b>SR-2-83</b> | 2TKA00002778 | 1/10 |

# Impressivo

## KNX


| Product  | Article-No.   | Order-No.    | Pack/Qty |
|--|---|--------------|----------|
|   | <b>Room thermostat, heating/cooling operation</b><br>Control element with room thermostat function for triggering the heating, ventilation and fancoil actuators. For controlling commercially available valve drives. With display of set-value temperature. Master/slave configuration. With base-load operation. The bus can be connected via enclosed terminal block.   |              |          |
|  | Room thermostat<br><b>6108/18-500</b>   | 2TKA00003196 | 1/10     |
| <b>Thermostat center plate</b>   |   |              |          |
| white  | <b>CP-RTC-84</b>  | 2TKA00002784 | 1/10     |
| anthracite   | <b>CP-RTC-81</b>  | 2TKA00002782 | 1/10     |
| aluminium  | <b>CP-RTC-83</b>  | 2TKA00002783 | 1/10     |
|  | <b>Room Temperature Controller, Commercial, FM</b><br>Room thermostat without „local operation“ incl. insert for centre plate for cooling element. For controlling commercially available valve drives. Can only be used with a cover plate 2114-xxx or 6541-xxx, with the exception of 6541-20, -21, -260 and -266. For control of up to 5-level ventilation actuators Master/slave configuration. With base-load operation. The bus can be connected via enclosed terminal block. |              |          |
|  | Flush-mounted room thermostat<br><b>6108/08-500</b>   | 2TKA00003007 | 1/10     |
| <b>Center plate with cooling element</b>   |   |              |          |
| white  | <b>6541-84</b>  | 2TKA001459G1 | 1/10     |
| anthracite   | <b>6541-81</b>  | 2TKA001457G1 | 1/10     |
| aluminium  | <b>6541-83</b>  | 2TKA001458G1 | 1/10     |



| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Busch-Watchdog® 180 Sensor Standard, Select with integrated bus coupler, FM</b><br>Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated KNX bus coupler.   |              |          |
| white   | <b>6122/10-84-500</b>   | 2TKA00003199 | 1/10     |
| anthracite  | <b>6122/10-81-500</b>   | 2TKA00003197 | 1/10     |
| aluminium   | <b>6122/10-83-500</b>   | 2TKA00003198 | 1/10     |
|  | <b>Push-button coupling 2gang with integrated bus coupler</b><br>Support of KNX functions through innovative color concept yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green. With middle position. The bus can be connected via enclosed terminal block. |              |          |
|   | Push-button coupling 2-gang<br><b>6108/06-500</b>   | 2TKA00003193 | 1/10     |
| <b>Rocker 1-gang</b>  |   |              |          |
| white   | <b>SR-1-84</b>  | 2TKA00002776 | 1/10     |
| anthracite  | <b>SR-1-81</b>  | 2TKA00002774 | 1/10     |
| aluminium   | <b>SR-1-83</b>  | 2TKA00002775 | 1/10     |
| <b>Rocker 1-gang "lighting" symbol</b>  |   |              |          |
| white   | <b>SRL-1-84</b>   |              | 1/10     |
| anthracite  | <b>SRL-1-81</b>   |              | 1/10     |
| aluminium   | <b>SRL-1-83</b>   |              | 1/10     |
| <b>Rocker 1-gang "scene" symbol</b>   |   |              |          |
| white   | <b>SRS-1-84</b>   |              | 1/10     |
| anthracite  | <b>SRS-1-81</b>   |              | 1/10     |
| aluminium   | <b>SRS-1-83</b>   |              | 1/10     |
| <b>Rocker 1-gang "dimming" symbol</b>   |   |              |          |
| white   | <b>SRD-1-84</b>   |              | 1/10     |
| anthracite  | <b>SRD-1-81</b>   |              | 1/10     |
| aluminium   | <b>SRD-1-83</b>   |              | 1/10     |
| <b>Rocker 1-gang "blinds" symbol</b>  |   |              |          |
| white   | <b>SRB-1-84</b>   |              | 1/10     |
| anthracite  | <b>SRB-1-81</b>   |              | 1/10     |
| aluminium   | <b>SRB-1-83</b>   |              | 1/10     |



# Impressivo



## KNX




| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Push-button coupling 4gang with integrated bus coupler</b><br>Support of KNX functions through innovative color concept yellow = lighting, blue = blind, orange = RTC, magenta = scene and white = neutral/no function assigned) or standard illumination red/green. With middle position. The bus can be connected via enclosed terminal block. |              |          |
|   | Push-button coupling 4-gang<br><b>6108/07-500</b>   | 2TKA00003194 | 1/10     |
| <b>Rocker 2-gang left/right</b>   |   |              |          |
| white   | <b>SR-2-84</b>  | 2TKA00002779 | 1/10     |
| anthracite  | <b>SR-2-81</b>  | 2TKA00002777 | 1/10     |
| aluminium   | <b>SR-2-83</b>  | 2TKA00002778 | 1/10     |
| <b>Rocker 2-gang "lighting" symbol left</b>                                       |   |              |          |
| white   | <b>SRL-2-L-84</b>   |              | 1/10     |
| anthracite  | <b>SRL-2-L-81</b>   |              | 1/10     |
| aluminium   | <b>SRL-2-L-83</b>   |              | 1/10     |
| <b>Rocker 2-gang "scene" symbol left</b>  |   |              |          |
| white   | <b>SRS-2-L-84</b>   |              | 1/10     |
| anthracite  | <b>SRS-2-L-81</b>   |              | 1/10     |
| aluminium   | <b>SRS-2-L-83</b>   |              | 1/10     |
| <b>Rocker 2-gang "dimming" symbol left</b>  |   |              |          |
| white   | <b>SRD-2-L-84</b>   |              | 1/10     |
| anthracite  | <b>SRD-2-L-81</b>   |              | 1/10     |
| aluminium   | <b>SRD-2-L-83</b>   |              | 1/10     |
| <b>Rocker 2-gang "lighting" symbol right</b>                                      |   |              |          |
| white   | <b>SRL-2-R-84</b>   |              | 1/10     |
| anthracite  | <b>SRL-2-R-81</b>   |              | 1/10     |
| aluminium   | <b>SRL-2-R-83</b>   |              | 1/10     |
| <b>Rocker 2-gang "scene" symbol right</b>   |   |              |          |
| white   | <b>SRS-2-R-84</b>   |              | 1/10     |
| anthracite  | <b>SRS-2-R-81</b>   |              | 1/10     |
| aluminium   | <b>SRS-2-R-83</b>   |              | 1/10     |
| <b>Rocker 2-gang "dimming" symbol right</b>                                       |   |              |          |
| white   | <b>SRD-2-R-84</b>   |              | 1/10     |
| anthracite  | <b>SRD-2-R-81</b>   |              | 1/10     |
| aluminium   | <b>SRD-2-R-83</b>   |              | 1/10     |
| <b>Rocker 2-gang "blinds" symbol</b>  |   |              |          |
| white   | <b>SRB-2-84</b>   |              | 1/10     |
| anthracite  | <b>SRB-2-81</b>   |              | 1/10     |
| aluminium   | <b>SRB-2-83</b>   |              | 1/10     |

| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Busch-Watchdog® 180 Sensor Standard, Select with integrated bus coupler, FM</b><br>Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated KNX bus coupler.   |              |          |
| white   | <b>6122/10-84-500</b>   | 2TKA00003199 | 1/10     |
| anthracite  | <b>6122/10-81-500</b>   | 2TKA00003197 | 1/10     |
| aluminium   | <b>6122/10-83-500</b>   | 2TKA00003198 | 1/10     |
|  | <b>Room thermostat, heating/cooling operation</b><br>Control element with room thermostat function for triggering the heating, ventilation and fancoil actuators. For controlling commercially available valve drives. With display of set-value temperature. Master/slave configuration. With base-load operation. The bus can be connected via enclosed terminal block. |              |          |
|   | Room thermostat<br><b>6108/18-500</b>   | 2TKA00003196 | 1/10     |
| <b>Thermostat center plate</b>  |   |              |          |
| white   | <b>CP-RTC-84</b>  | 2TKA00002784 | 1/10     |
| anthracite  | <b>CP-RTC-81</b>  | 2TKA00002782 | 1/10     |
| aluminium   | <b>CP-RTC-83</b>  | 2TKA00002783 | 1/10     |

# Impressivo


## KNX


| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|  | <b>Power supply</b><br>ABB-free@home power supply with integrated choke. Fast diagnosis due to LED display for operational readiness and errors. Module width 4 MW. Power supply 640mA 30/230V DIN. |              |          |
|   | <b>PS-M-64.1.1</b>  | 2TKA00002701 | 1/10     |
|  | <b>System Access Point</b><br>For commissioning and remote control of the ABB-free@home® system. Allows the execution of astro and time programs.   |              |          |
|   | Connector port System access point 230V WL<br><b>SAP-S-2</b>  |              | 1/10     |
|   | External antenna for SAP-S-2<br><b>SAP-1-WL</b>   |              | 1/10     |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|    | <b>1gang</b><br>Sensor unit and different rockers  |              |          |
|   | Sensor unit 1-gang<br><b>SU-F-1.0.1</b>  | 2TKA00002717 | 1/10     |
|   | Sensor unit 1-gang WL<br><b>SU-F-1.0.1-WL</b>  |              | 1/10     |
|   | <b>Rocker 1-gang</b>   |              |          |
| white   | <b>SR-1-84</b>   | 2TKA00002776 | 1/10     |
| anthracite  | <b>SR-1-81</b>   | 2TKA00002774 | 1/10     |
| aluminium   | <b>SR-1-83</b>   | 2TKA00002775 | 1/10     |
|   | <b>2-gang</b><br>Sensor unit and different rockers. Both sides of the rocker are ordered separately. |              |          |
|   | Sensor unit 2-gang<br><b>SU-F-2.0.1</b>  | 2TKA00002719 | 1/10     |
|   | Sensor unit 2-gang WL<br><b>SU-F-2.0.1-WL</b>  |              | 1/10     |
|   | <b>Rocker 2-gang left/right</b>  |              |          |
| white   | <b>SR-2-84</b>   | 2TKA00002779 | 1/10     |
| anthracite  | <b>SR-2-81</b>   | 2TKA00002777 | 1/10     |
| aluminium   | <b>SR-2-83</b>   | 2TKA00002778 | 1/10     |
|  | <b>Switch actuator sensor</b><br>Insert and different rockers  |              |          |
|   | Switch actuator sensor 1/1-gang<br><b>SSA-F-1.1.1</b>  | 2TKA00002796 | 1/10     |
|   | Switch actuator sensor 1/1-gang WL<br><b>SSA-F-1.1.1-WL</b>  |              | 1/10     |
|   | <b>Rocker 1-gang</b>   |              |          |
| white   | <b>SR-1-84</b>   | 2TKA00002776 | 1/10     |
| anthracite  | <b>SR-1-81</b>   | 2TKA00002774 | 1/10     |
| aluminium   | <b>SR-1-83</b>   | 2TKA00002775 | 1/10     |

# Impressivo

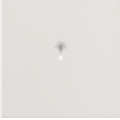
KNX


| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Switch actuator sensor</b><br>Insert 2/1-gang, 2/2-gang and different rockers. Both sides of the rocker are ordered separately. |              |          |
|   | Switch actuator sensor 2/1-gang<br><b>SSA-F-2.1.1</b>  | 2TKA00002797 | 1/10     |
|   | Switch actuator sensor 2/1-gang WL<br><b>SSA-F-2.1.1-WL</b>  |              | 1/10     |
|   | Switch actuator sensor 2/2-gang<br><b>SSA-F-2.2.1</b>  | 2TKA00002798 | 1/10     |
|   | Switch actuator sensor 2/2-gang WL<br><b>SSA-F-2.2.1-WL</b>  |              | 1/10     |
|   | <b>Rocker 2-gang left/right</b>  |              |          |
| white   | <b>SR-2-84</b>   | 2TKA00002779 | 1/10     |
| anthracite  | <b>SR-2-81</b>   | 2TKA00002777 | 1/10     |
| aluminium   | <b>SR-2-83</b>   | 2TKA00002778 | 1/10     |

| Product   | Article-No.  | Order-No.    | Pack/Qty |
|---|--|--------------|----------|
|  | <b>Labeling plate</b><br>Labeling plate cover plates.<br>Useable text area is (12 x 52)mm. |              |          |
|   | <b>2752</b>  | 2TKA00000053 | 10/100   |

## Impressivo



ABB-free@home



| Product   | Article-No.                     | Order-No. | Pack/Qty |
|---|---------------------------------|-----------|----------|
|  | <b>1-gang rockers with icon</b> |           |          |
| <b>Rocker 1-gang "lighting" symbol</b>  |                                 |           |          |
| white   | <b>SRL-1-84</b>                 |           | 1/10     |
| anthracite  | <b>SRL-1-81</b>                 |           | 1/10     |
| aluminium   | <b>SRL-1-83</b>                 |           | 1/10     |
| <b>Rocker 1-gang "blinds" symbol</b>  |                                 |           |          |
| white   | <b>SRB-1-84</b>                 |           | 1/10     |
| anthracite  | <b>SRB-1-81</b>                 |           | 1/10     |
| aluminium   | <b>SRB-1-83</b>                 |           | 1/10     |
| <b>Rocker 1-gang "scene" symbol</b>   |                                 |           |          |
| white   | <b>SRS-1-84</b>                 |           | 1/10     |
| anthracite  | <b>SRS-1-81</b>                 |           | 1/10     |
| aluminium   | <b>SRS-1-83</b>                 |           | 1/10     |
| <b>Rocker 1-gang "dimming" symbol</b>   |                                 |           |          |
| white   | <b>SRD-1-84</b>                 |           | 1/10     |
| anthracite  | <b>SRD-1-81</b>                 |           | 1/10     |
| aluminium   | <b>SRD-1-83</b>                 |           | 1/10     |

| Product   | Article-No.                     | Order-No. | Pack/Qty |
|---|---------------------------------|-----------|----------|
|  | <b>2-gang rockers with icon</b> |           |          |
| <b>Rocker 2-gang "lighting" symbol left</b>                                       |                                 |           |          |
| white   | <b>SRL-2-L-84</b>               |           | 1/10     |
| anthracite  | <b>SRL-2-L-81</b>               |           | 1/10     |
| aluminium   | <b>SRL-2-L-83</b>               |           | 1/10     |
| <b>Rocker 2-gang "scene" symbol left</b>  |                                 |           |          |
| white   | <b>SRS-2-L-84</b>               |           | 1/10     |
| anthracite  | <b>SRS-2-L-81</b>               |           | 1/10     |
| aluminium   | <b>SRS-2-L-83</b>               |           | 1/10     |
| <b>Rocker 2-gang "dimming" symbol left</b>  |                                 |           |          |
| white   | <b>SRD-2-L-84</b>               |           | 1/10     |
| anthracite  | <b>SRD-2-L-81</b>               |           | 1/10     |
| aluminium   | <b>SRD-2-L-83</b>               |           | 1/10     |
| <b>Rocker 2-gang "lighting" symbol right</b>                                      |                                 |           |          |
| white   | <b>SRL-2-R-84</b>               |           | 1/10     |
| anthracite  | <b>SRL-2-R-81</b>               |           | 1/10     |
| aluminium   | <b>SRL-2-R-83</b>               |           | 1/10     |
| <b>Rocker 2-gang "scene" symbol right</b>   |                                 |           |          |
| white   | <b>SRS-2-R-84</b>               |           | 1/10     |
| anthracite  | <b>SRS-2-R-81</b>               |           | 1/10     |
| aluminium   | <b>SRS-2-R-83</b>               |           | 1/10     |
| <b>Rocker 2-gang "dimming" symbol right</b>                                       |                                 |           |          |
| white   | <b>SRD-2-R-84</b>               |           | 1/10     |
| anthracite  | <b>SRD-2-R-81</b>               |           | 1/10     |
| aluminium   | <b>SRD-2-R-83</b>               |           | 1/10     |
| <b>Rocker 2-gang "blinds" symbol</b>  |                                 |           |          |
| white   | <b>SRB-2-84</b>                 |           | 1/10     |
| anthracite  | <b>SRB-2-81</b>                 |           | 1/10     |
| aluminium   | <b>SRB-2-83</b>                 |           | 1/10     |

## Impressivo



ABB-free@home

| Product  | Article-No.   | Order-No.      | Pack/Qty     |      |
|--|---|----------------|--------------|------|
|   | <b>Dimming actuator 4gang</b><br>Multi-channel universal dimming actuator for controlling LEDs, incandescent lamps, 230 V halogen lamps, low-voltage halogen lamps with conventional or electronic transformers, and dimmable energy-saving halogen lamps. For dimmable retrofit LED lamps (LEDi). Increasing the maximum load via channel bridging possible. The outputs can be switched parallel in any combination. Outputs automatically recognise the connected load. In addition, the operating mode can be selected manually. Status indication of the channels via LED. |                |              |      |
|  | Universal dimmer 4gang<br><b>DA-M-0.4.2</b> 2TKA00002715 1  |                |              |      |
|  | Compensator<br><b>6596</b> 2TKA00002992 1   |                |              |      |
|  | <b>Dim actuator sensor</b><br>For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available also without prior programming (pre-configured).  |                |              |      |
|  | Dimmer 1/1-gang<br><b>SDA-F-1.1.1</b> 2TKA00002800 1/10   |                |              |      |
|  | Dimmer 1/1-gang WL<br><b>SDA-F-1.1.1-WL</b> 1/10  |                |              |      |
|  | <b>Rocker 1-gang</b>  |                |              |      |
|  | white   | <b>SR-1-84</b> | 2TKA00002776 | 1/10 |
|  | anthracite  | <b>SR-1-81</b> | 2TKA00002774 | 1/10 |
|  | aluminium   | <b>SR-1-83</b> | 2TKA00002775 | 1/10 |
|  | Compensator<br><b>6596</b> 2TKA00002992 1   |                |              |      |
|  | Dimmer 2/1-gang<br><b>SDA-F-2.1.1</b> 2TKA00002801 1/10   |                |              |      |
|  | Dimmer 2/1-gang WL<br><b>SDA-F-2.1.1-WL</b> 1/10  |                |              |      |
| <b>Rocker 2-gang left/right</b>  |   |                |              |      |
| white  | <b>SR-2-84</b>  | 2TKA00002779   | 1/10         |      |
| anthracite   | <b>SR-2-81</b>  | 2TKA00002777   | 1/10         |      |
| aluminium  | <b>SR-2-83</b>  | 2TKA00002778   | 1/10         |      |

| Product   | Article-No.   | Order-No.             | Pack/Qty     |      |
|---|---|-----------------------|--------------|------|
|  | <b>Movement detector</b><br>For automatic switching of ABB-free@home® actuators dependent on movement and brightness.   |                       |              |      |
|   | white   | <b>MD-F-1.0.1-84</b>  | 2TKA00002773 | 1/10 |
|   | anthracite  | <b>MD-F-1.0.1-81</b>  | 2TKA00002771 | 1/10 |
| aluminium   | <b>MD-F-1.0.1-83</b>  | 2TKA00002772          | 1/10         |      |
|  | <b>Movement detector/switch actuator</b><br>For automatic switching of ABB-free@home® actuators dependent on movement and brightness. With integrated switch actuator. Switching function is available also without prior programming (pre-configured). |                       |              |      |
|   | white   | <b>MSA-F-1.1.1-84</b> | 2TKA00002805 | 1/10 |
|   | anthracite  | <b>MSA-F-1.1.1-81</b> | 2TKA00002803 | 1/10 |
|   | aluminium   | <b>MSA-F-1.1.1-83</b> | 2TKA00002804 | 1/10 |

## Impressivo

ABB-free@home

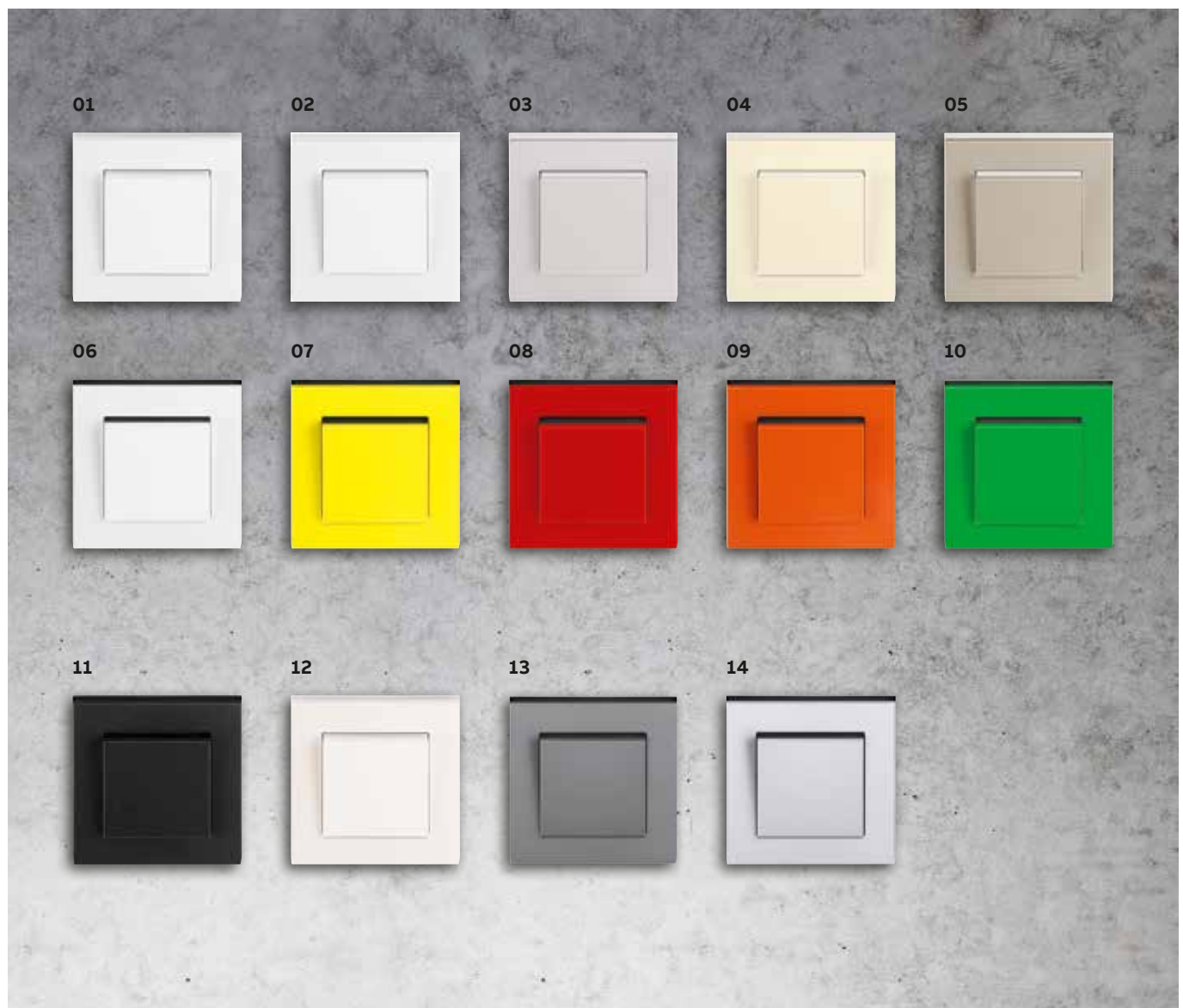
| Product   | Article-No.   | Order-No.    | Pack/Qty |
|---|---|--------------|----------|
|    | <b>Room temperature controller</b>  |              |          |
|   | Control element with room temperature control function for controlling commercially available actuating drives or analogue actuating drives (continuous controllers) in connection with HA-M-0.6.1, HA-M-0.12.1. With display of set-value temperature. Only to be used in combination with ABB-free@home® room temperature controller cover plates CP-RTC-xxx. |              |          |
|   | Room thermostat insert  |              |          |
|   | <b>RTC-F-1</b>  | 2TKA00002780 | 1/10     |
|   | Thermostat insert WL  |              |          |
|   | <b>RTC-F-1-WL</b>   |              | 1/10     |
|   | Thermostat insert 1-gang WL   |              |          |
|   | <b>RTC-F-2.1.1-WL</b>   |              | 1/10     |
|   | <b>DP4-T-1</b>  | 2TKA00003293 | 1/10     |
|   | <b>DP4-1-611</b>  | 2TKA00003291 | 1/10     |
|   | Flush-mounted installation box for 4,3" Touch panel ABB-free@home®  |              |          |
|   | <b>DP4-F</b>  | 2TKA00003295 | 1/10     |
|   | <b>Thermostat center plate</b>  |              |          |
| white   | <b>CP-RTC-84</b>  | 2TKA00002784 | 1/10     |
| anthracite  | <b>CP-RTC-81</b>  | 2TKA00002782 | 1/10     |
| aluminium   | <b>CP-RTC-83</b>  | 2TKA00002783 | 1/10     |
|   | <b>Thermostat cover plate fan coil controller</b>   |              |          |
| white   | <b>CP-FCC-84</b>  | 2TKA00003234 | 1/10     |
| anthracite  | <b>CP-FCC-81</b>  | 2TKA00003232 | 1/10     |
| aluminium   | <b>CP-FCC-83</b>  | 2TKA00003233 | 1/10     |
|   | 4,3" Touch Panel free@home Thermostat   |              |          |
| anthracite  | <b>DP4-1-625</b>  | 2TKA00003292 | 1/10     |
|  | <b>Blind actuator sensor</b>  |              |          |
|   | For controlling blind and awning motors. With integrated blind actuator. Blind function is available also without prior programming (pre-configured).   |              |          |
|   | Blind actuator sensor 1/1-gang  |              |          |
|   | <b>SBA-F-1.1.1</b>  | 2TKA00002806 | 1/10     |
|   | Blind actuator sensor 1/1-gang WL   |              |          |
|   | <b>SBA-F-1.1.1-WL</b>   |              | 1/10     |
|   | Blind actuator sensor 2/1-gang  |              |          |
|   | <b>SBA-F-2.1.1</b>  | 2TKA00003051 | 1/10     |
|   | Blind actuator sensor 2/1-gang WL   |              |          |
|   | <b>SBA-F-2.1.1-WL</b>   |              | 1/10     |
|   | <b>Rocker 1-gang</b>  |              |          |
| white   | <b>SR-1-84</b>  | 2TKA00002776 | 1/10     |
| anthracite  | <b>SR-1-81</b>  | 2TKA00002774 | 1/10     |
| aluminium   | <b>SR-1-83</b>  | 2TKA00002775 | 1/10     |
|   | <b>Rocker 1-gang "blinds" symbol</b>  |              |          |
| white   | <b>SRB-1-84</b>   |              | 1/10     |
| anthracite  | <b>SRB-1-81</b>   |              | 1/10     |
| aluminium   | <b>SRB-1-83</b>   |              | 1/10     |



# Levit®

## Go bright

The Levit® collection will perfectly fit into any modern home. Clear straight lines, the timeless shape of the square, the ideal proportions of the button and frame, and the striking contrast of the two-piece base. Levit®M extends the range with cool metallic shades, which reflect the current trends in world design.



01 White / Ice white  
 02 White / White  
 03 Grey / White  
 04 Ivory / White  
 05 Macchiato / White

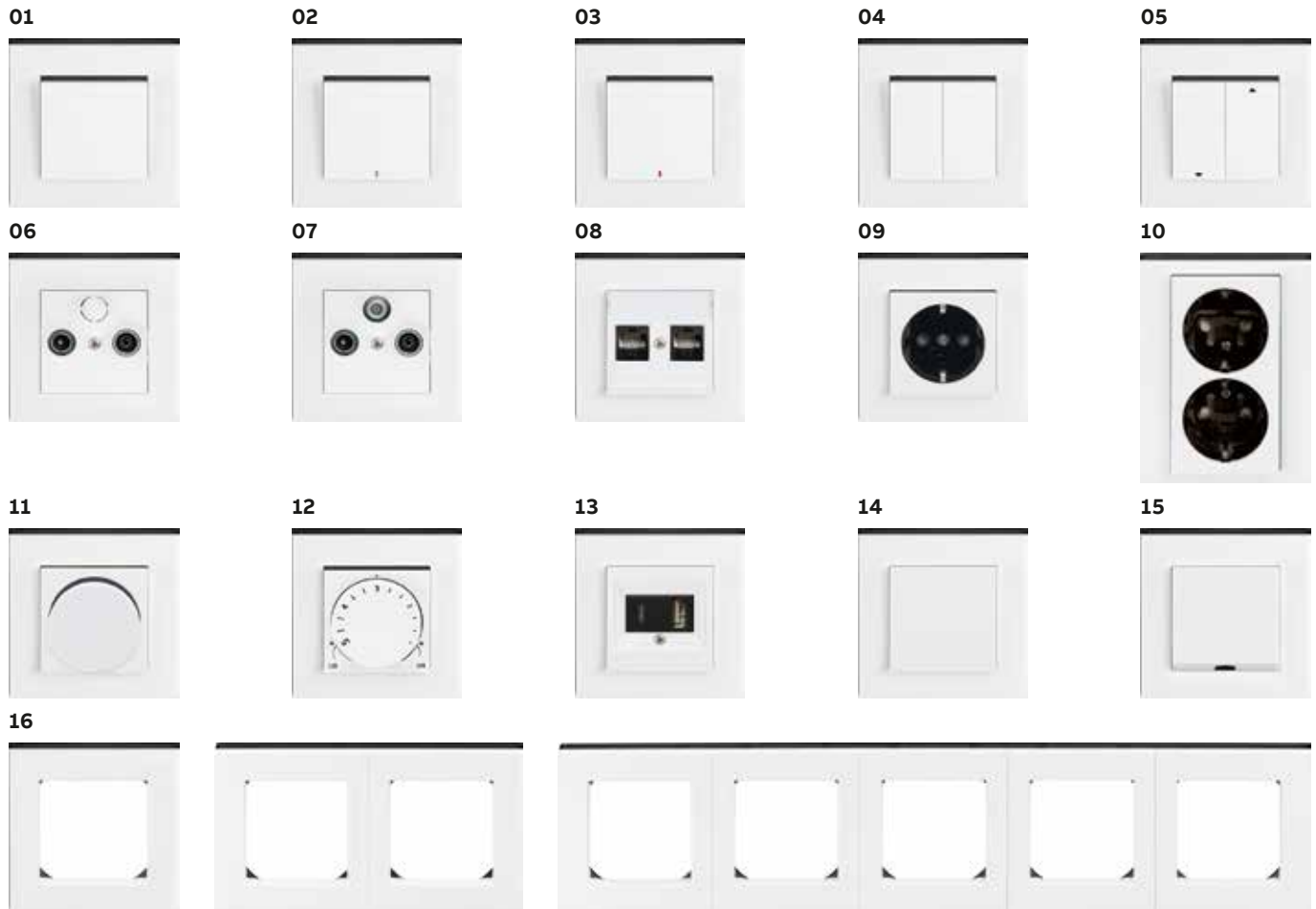
06 White / Smoke black  
 07 Yellow / Smoke black  
 08 Red / Smoke black  
 09 Orange / Smoke black  
 10 Green / Smoke black

11 Anthracite / Smoke Black  
 12 Pearl / Ice White  
 13 Steel / Smoke black  
 14 Silver / Smoke black



## Levit®

### Standard inserts



A basic product consists of a practical 2-piece (insert and cover plate, frame) and individual packaging.

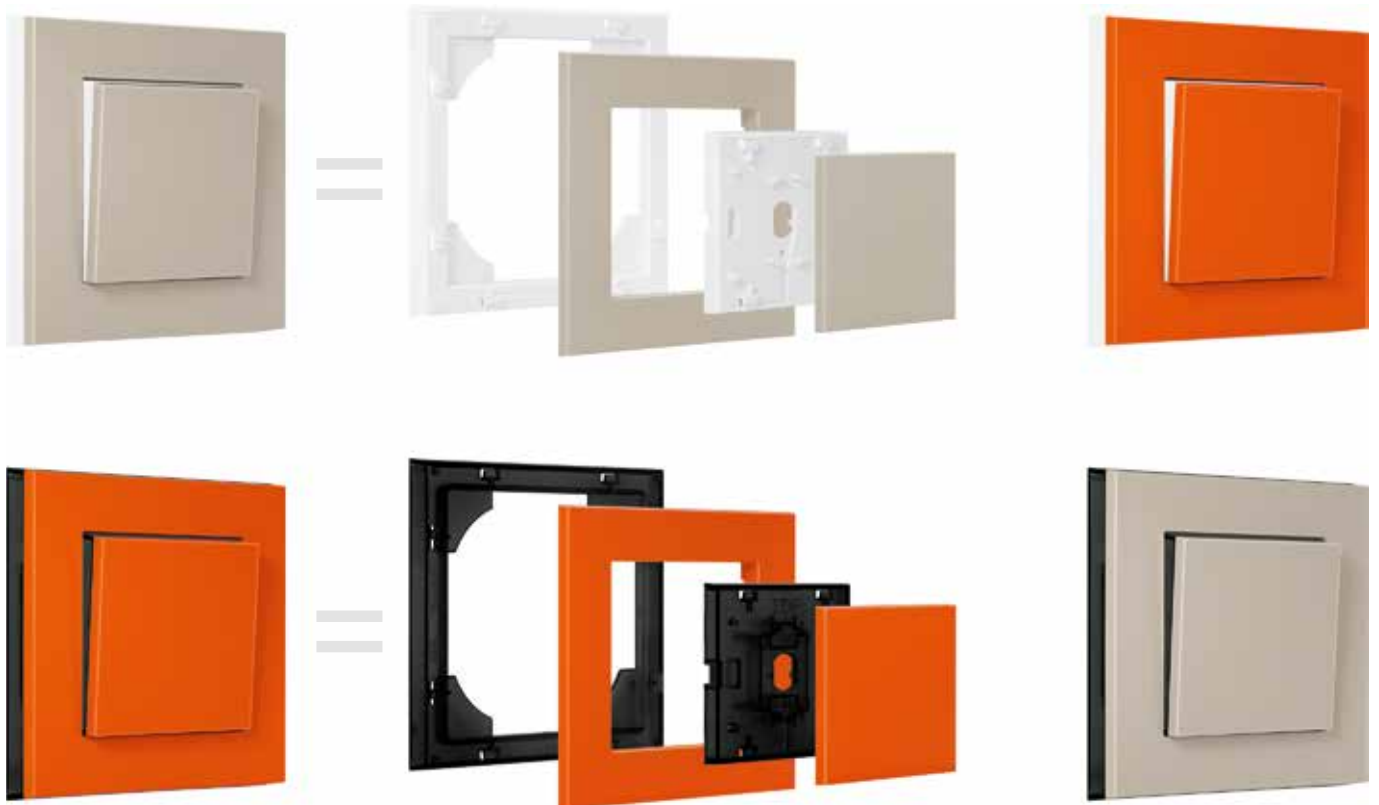
|  |   |
|--|---|
| Switches, one- or two-way, push-switches | 01 Switch (one- or two-way)<br>02 Switch (one- or two-way) with orientation light<br>03 Switch (two-way) with indicator light<br>04 Switch (one- or two-way), two circuits<br>05 Blind switch with / without locking keys   |
| Telecommunications                       | 06 Connection unit TV-R<br>07 Connection unit TV-R-SAT<br>08 Data socket outlet RJ45 (for one or two jacks)   |
| Connection units                         | 09 SCHUKO socket outlet, shuttered<br>10 Double SCHUKO socket outlet, shuttered   |
| Electronics<br>Blind covers, frames      | 11 Rotary dimmer, 60-600W<br>12 Thermostat with rotary temperature setting, 16A<br>13 USB charge<br><br>14 Blind cover<br>15 Cable outlet<br>16 Frames, one to five gang*<br>(universal for horizontal or vertical mounting)<br>* Compatible with standard Levit® inserts (50×50) |



## One collection – a million possibilities

The core idea behind the Levit® collection is flexibility and variation

The cover plates and cover frames for every insert consist of two pieces: a base and a removable upper covers. The product is therefore designed in such a way so that the upper covers can be changed as desired, meaning that new color combinations can be created beyond the standard solutions we provide.



The collection features removable cover frames in nine colors.  
The set includes a special tool to easily dismantle the upper cover.



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## The LEGO principle goes for the frames too

Multi-gang frames are also designed using the module concept: the frame base is solid, but the number of upper covers depends on the number of gangs in the frame, and everything comes together like LEGO. This means that any frame with more than one gang can be built of multiple colors. The limit is your imagination!



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## Unusual socket outlets

Another interesting detail: the interior of the socket outlet will always be the same color as its base. This means that in Levit® socket outlets with a translucent base, you can see the reliable German insert produced by Busch-Jaeger, a member of the ABB group.




# Levit®

## Switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-switch, 1gang one-way</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals |                 |          |
| White/Ice white   | <b>3559H-A01445 01W</b>   | 2CHH590145A6001 | 15       |
| White/White   | <b>3559H-A01445 03W</b>   | 2CHH590145A6003 | 15       |
| Grey/White  | <b>3559H-A01445 16W</b>   | 2CHH590145A6016 | 15       |
| Ivory/White   | <b>3559H-A01445 17W</b>   | 2CHH590145A6017 | 15       |
| Macchiato/White   | <b>3559H-A01445 18W</b>   | 2CHH590145A6018 | 15       |
| White/<br>Smoke black   | <b>3559H-A01445 62W</b>   | 2CHH590145A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3559H-A01445 63W</b>   | 2CHH590145A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3559H-A01445 64W</b>   | 2CHH590145A6064 | 15       |
| Red/<br>Smoke black   | <b>3559H-A01445 65W</b>   | 2CHH590145A6065 | 15       |
| Orange/<br>Smoke black  | <b>3559H-A01445 66W</b>   | 2CHH590145A6066 | 15       |
| Green/<br>Smoke black   | <b>3559H-A01445 67W</b>   | 2CHH590145A6067 | 15       |
| Pearl/<br>Ice White   | <b>3559H-A01445 68W</b>   | 2CHH590145A6068 | 15       |
| Steel/<br>Smoke black   | <b>3559H-A01445 69W</b>   | 2CHH590145A6069 | 15       |
| Silver/<br>Smoke black  | <b>3559H-A01445 70W</b>   | 2CHH590145A6070 | 15       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch (connection type 6)</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals |                 |    |
| White/Ice white   | <b>3559H-A06445 01W</b>   | 2CHH590645A6001 | 15 |
| White/White   | <b>3559H-A06445 03W</b>   | 2CHH590645A6003 | 15 |
| Grey/White  | <b>3559H-A06445 16W</b>   | 2CHH590645A6016 | 15 |
| Ivory/White   | <b>3559H-A06445 17W</b>   | 2CHH590645A6017 | 15 |
| Macchiato/White   | <b>3559H-A06445 18W</b>   | 2CHH590645A6018 | 15 |
| White/<br>Smoke black   | <b>3559H-A06445 62W</b>   | 2CHH590645A6062 | 15 |
| Anthracite/<br>Smoke Black  | <b>3559H-A06445 63W</b>   | 2CHH590645A6063 | 15 |
| Yellow/<br>Smoke black  | <b>3559H-A06445 64W</b>   | 2CHH590645A6064 | 15 |
| Red/<br>Smoke black   | <b>3559H-A06445 65W</b>   | 2CHH590645A6065 | 15 |
| Orange/<br>Smoke black  | <b>3559H-A06445 66W</b>   | 2CHH590645A6066 | 15 |
| Green/<br>Smoke black   | <b>3559H-A06445 67W</b>   | 2CHH590645A6067 | 15 |
| Pearl/<br>Ice White   | <b>3559H-A06445 68W</b>   | 2CHH590645A6068 | 15 |
| Steel/<br>Smoke black   | <b>3559H-A06445 69W</b>   | 2CHH590645A6069 | 15 |
| Silver/<br>Smoke black  | <b>3559H-A06445 70W</b>   | 2CHH590645A6070 | 15 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch one-way with light</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>White LED orientation light<br>Nominal current of orientation light: 0,5 mA<br>Screwless terminals |                 |          |
| White/Ice white   | <b>3559H-A01446 01W</b>   | 2CHH590146A6001 | 15       |
| White/White   | <b>3559H-A01446 03W</b>   | 2CHH590146A6003 | 15       |
| Grey/White  | <b>3559H-A01446 16W</b>   | 2CHH590146A6016 | 15       |
| Ivory/White   | <b>3559H-A01446 17W</b>   | 2CHH590146A6017 | 15       |
| Macchiato/White   | <b>3559H-A01446 18W</b>   | 2CHH590146A6018 | 15       |
| White/<br>Smoke black   | <b>3559H-A01446 62W</b>   | 2CHH590146A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3559H-A01446 63W</b>   | 2CHH590146A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3559H-A01446 64W</b>   | 2CHH590146A6064 | 15       |
| Red/<br>Smoke black   | <b>3559H-A01446 65W</b>   | 2CHH590146A6065 | 15       |
| Orange/<br>Smoke black  | <b>3559H-A01446 66W</b>   | 2CHH590146A6066 | 15       |
| Green/<br>Smoke black   | <b>3559H-A01446 67W</b>   | 2CHH590146A6067 | 15       |
| Pearl/<br>Ice White   | <b>3559H-A01446 68W</b>   | 2CHH590146A6068 | 15       |
| Steel/<br>Smoke black   | <b>3559H-A01446 69W</b>   | 2CHH590146A6069 | 15       |
| Silver/<br>Smoke black  | <b>3559H-A01446 70W</b>   | 2CHH590146A6070 | 15       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch, 1gang two-way with orientation light (connection type 6)</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>White LED orientation light<br>Nominal current of orientation light: 0,5 mA<br>Screwless terminals |                 |    |
| White/Ice white   | <b>3559H-A06446 01W</b>  | 2CHH590646A6001 | 15 |
| White/White   | <b>3559H-A06446 03W</b>  | 2CHH590646A6003 | 15 |
| Grey/White  | <b>3559H-A06446 16W</b>  | 2CHH590646A6016 | 15 |
| Ivory/White   | <b>3559H-A06446 17W</b>  | 2CHH590646A6017 | 15 |
| Macchiato/White   | <b>3559H-A06446 18W</b>  | 2CHH590646A6018 | 15 |
| White/<br>Smoke black   | <b>3559H-A06446 62W</b>  | 2CHH590646A6062 | 15 |
| Anthracite/<br>Smoke Black  | <b>3559H-A06446 63W</b>  | 2CHH590646A6063 | 15 |
| Yellow/<br>Smoke black  | <b>3559H-A06446 64W</b>  | 2CHH590646A6064 | 15 |
| Red/<br>Smoke black   | <b>3559H-A06446 65W</b>  | 2CHH590646A6065 | 15 |
| Orange/<br>Smoke black  | <b>3559H-A06446 66W</b>  | 2CHH590646A6066 | 15 |
| Green/<br>Smoke black   | <b>3559H-A06446 67W</b>  | 2CHH590646A6067 | 15 |
| Pearl/<br>Ice White   | <b>3559H-A06446 68W</b>  | 2CHH590646A6068 | 15 |
| Steel/<br>Smoke black   | <b>3559H-A06446 69W</b>  | 2CHH590646A6069 | 15 |
| Silver/<br>Smoke black  | <b>3559H-A06446 70W</b>  | 2CHH590646A6070 | 15 |


# Levit®

## Switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch, 1gang two-way with control light (connection type 6)</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Red LED control light<br>Nominal current of orientation light: 1 mA<br>Screwless terminals |                 |          |
| White/Ice white   | <b>3559H-A25445 01W</b>  | 2CHH592545A6001 | 15       |
| White/White   | <b>3559H-A25445 03W</b>  | 2CHH592545A6003 | 15       |
| Grey/White  | <b>3559H-A25445 16W</b>  | 2CHH592545A6016 | 15       |
| Ivory/White   | <b>3559H-A25445 17W</b>  | 2CHH592545A6017 | 15       |
| Macchiato/White   | <b>3559H-A25445 18W</b>  | 2CHH592545A6018 | 15       |
| White/Smoke black   | <b>3559H-A25445 62W</b>  | 2CHH592545A6062 | 15       |
| Anthracite/Smoke Black  | <b>3559H-A25445 63W</b>  | 2CHH592545A6063 | 15       |
| Yellow/Smoke black  | <b>3559H-A25445 64W</b>  | 2CHH592545A6064 | 15       |
| Red/Smoke black   | <b>3559H-A25445 65W</b>  | 2CHH592545A6065 | 15       |
| Orange/Smoke black  | <b>3559H-A25445 66W</b>  | 2CHH592545A6066 | 15       |
| Green/Smoke black   | <b>3559H-A25445 67W</b>  | 2CHH592545A6067 | 15       |
| Pearl/Ice White   | <b>3559H-A25445 68W</b>  | 2CHH592545A6068 | 15       |
| Steel/Smoke black   | <b>3559H-A25445 69W</b>  | 2CHH592545A6069 | 15       |
| Silver/Smoke black  | <b>3559H-A25445 70W</b>  | 2CHH592545A6070 | 15       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Push-button, 1gang one-way</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 A<br>NO contact<br>Screwless terminals |                 |    |
| White/Ice white   | <b>3559H-A91445 01W</b>  | 2CHH599145A6001 | 15 |
| White/White   | <b>3559H-A91445 03W</b>  | 2CHH599145A6003 | 15 |
| Grey/White  | <b>3559H-A91445 16W</b>  | 2CHH599145A6016 | 15 |
| Ivory/White   | <b>3559H-A91445 17W</b>  | 2CHH599145A6017 | 15 |
| Macchiato/White   | <b>3559H-A91445 18W</b>  | 2CHH599145A6018 | 15 |
| White/Smoke black   | <b>3559H-A91445 62W</b>  | 2CHH599145A6062 | 15 |
| Anthracite/Smoke Black  | <b>3559H-A91445 63W</b>  | 2CHH599145A6063 | 15 |
| Yellow/Smoke black  | <b>3559H-A91445 64W</b>  | 2CHH599145A6064 | 15 |
| Red/Smoke black   | <b>3559H-A91445 65W</b>  | 2CHH599145A6065 | 15 |
| Orange/Smoke black  | <b>3559H-A91445 66W</b>  | 2CHH599145A6066 | 15 |
| Green/Smoke black   | <b>3559H-A91445 67W</b>  | 2CHH599145A6067 | 15 |
| Pearl/Ice White   | <b>3559H-A91445 68W</b>  | 2CHH599145A6068 | 15 |
| Steel/Smoke black   | <b>3559H-A91445 69W</b>  | 2CHH599145A6069 | 15 |
| Silver/Smoke black  | <b>3559H-A91445 70W</b>  | 2CHH599145A6070 | 15 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch intermediate 1gang (connection type 7)</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals |                 |          |
| White/Ice white   | <b>3559H-A07445 01W</b>  | 2CHH590745A6001 | 15       |
| White/White   | <b>3559H-A07445 03W</b>  | 2CHH590745A6003 | 15       |
| Grey/White  | <b>3559H-A07445 16W</b>  | 2CHH590745A6016 | 15       |
| Ivory/White   | <b>3559H-A07445 17W</b>  | 2CHH590745A6017 | 15       |
| Macchiato/White   | <b>3559H-A07445 18W</b>  | 2CHH590745A6018 | 15       |
| White/Smoke black   | <b>3559H-A07445 62W</b>  | 2CHH590745A6062 | 15       |
| Anthracite/Smoke Black  | <b>3559H-A07445 63W</b>  | 2CHH590745A6063 | 15       |
| Yellow/Smoke black  | <b>3559H-A07445 64W</b>  | 2CHH590745A6064 | 15       |
| Red/Smoke black   | <b>3559H-A07445 65W</b>  | 2CHH590745A6065 | 15       |
| Orange/Smoke black  | <b>3559H-A07445 66W</b>  | 2CHH590745A6066 | 15       |
| Green/Smoke black   | <b>3559H-A07445 67W</b>  | 2CHH590745A6067 | 15       |
| Pearl/Ice White   | <b>3559H-A07445 68W</b>  | 2CHH590745A6068 | 15       |
| Steel/Smoke black   | <b>3559H-A07445 69W</b>  | 2CHH590745A6069 | 15       |
| Silver/Smoke black  | <b>3559H-A07445 70W</b>  | 2CHH590745A6070 | 15       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Push switch, 1gang one-way with LED lamp</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 A<br>NO contact<br>White LED orientation light<br>Nominal current of orientation light: 0,5 mA<br>Screwless terminals |                 |    |
| White/Ice white   | <b>3559H-A91447 01W</b>   | 2CHH599147A6001 | 15 |
| White/White   | <b>3559H-A91447 03W</b>   | 2CHH599147A6003 | 15 |
| Grey/White  | <b>3559H-A91447 16W</b>   | 2CHH599147A6016 | 15 |
| Ivory/White   | <b>3559H-A91447 17W</b>   | 2CHH599147A6017 | 15 |
| Macchiato/White   | <b>3559H-A91447 18W</b>   | 2CHH599147A6018 | 15 |
| White/Smoke black   | <b>3559H-A91447 62W</b>   | 2CHH599147A6062 | 15 |
| Anthracite/Smoke Black  | <b>3559H-A91447 63W</b>   | 2CHH599147A6063 | 15 |
| Yellow/Smoke black  | <b>3559H-A91447 64W</b>   | 2CHH599147A6064 | 15 |
| Red/Smoke black   | <b>3559H-A91447 65W</b>   | 2CHH599147A6065 | 15 |
| Orange/Smoke black  | <b>3559H-A91447 66W</b>   | 2CHH599147A6066 | 15 |
| Green/Smoke black   | <b>3559H-A91447 67W</b>   | 2CHH599147A6067 | 15 |
| Pearl/Ice White   | <b>3559H-A91447 68W</b>   | 2CHH599147A6068 | 15 |
| Steel/Smoke black   | <b>3559H-A91447 69W</b>   | 2CHH599147A6069 | 15 |
| Silver/Smoke black  | <b>3559H-A91447 70W</b>   | 2CHH599147A6070 | 15 |

# Levit®

## Switches

| Product                    | Article-No.  | Order-No.       | Pack/Qty |
|----------------------------|--|-----------------|----------|
|                            | <b>Switch 1gang (connection type 6)</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 A<br>NO contact<br>Screwless terminals |                 |          |
| White/Ice white            | <b>3559H-A86445 01W</b>  | 2CHH598645A6001 | 15       |
| White/White                | <b>3559H-A86445 03W</b>  | 2CHH598645A6003 | 15       |
| Grey/White                 | <b>3559H-A86445 16W</b>  | 2CHH598645A6016 | 15       |
| Ivory/White                | <b>3559H-A86445 17W</b>  | 2CHH598645A6017 | 15       |
| Macchiato/White            | <b>3559H-A86445 18W</b>  | 2CHH598645A6018 | 15       |
| White/<br>Smoke black      | <b>3559H-A86445 62W</b>  | 2CHH598645A6062 | 15       |
| Anthracite/<br>Smoke Black | <b>3559H-A86445 63W</b>  | 2CHH598645A6063 | 15       |
| Yellow/<br>Smoke black     | <b>3559H-A86445 64W</b>  | 2CHH598645A6064 | 15       |
| Red/<br>Smoke black        | <b>3559H-A86445 65W</b>  | 2CHH598645A6065 | 15       |
| Orange/<br>Smoke black     | <b>3559H-A86445 66W</b>  | 2CHH598645A6066 | 15       |
| Green/<br>Smoke black      | <b>3559H-A86445 67W</b>  | 2CHH598645A6067 | 15       |
| Pearl/<br>Ice White        | <b>3559H-A86445 68W</b>  | 2CHH598645A6068 | 15       |
| Steel/<br>Smoke black      | <b>3559H-A86445 69W</b>  | 2CHH598645A6069 | 15       |
| Silver/<br>Smoke black     | <b>3559H-A86445 70W</b>  | 2CHH598645A6070 | 15       |



|                            |  |                 |    |
|----------------------------|--|-----------------|----|
|                            | <b>Switch, 2gang one-way</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals |                 |    |
| White/Ice white            | <b>3559H-A05445 01W</b>  | 2CHH590545A6001 | 15 |
| White/White                | <b>3559H-A05445 03W</b>  | 2CHH590545A6003 | 15 |
| Grey/White                 | <b>3559H-A05445 16W</b>  | 2CHH590545A6016 | 15 |
| Ivory/White                | <b>3559H-A05445 17W</b>  | 2CHH590545A6017 | 15 |
| Macchiato/White            | <b>3559H-A05445 18W</b>  | 2CHH590545A6018 | 15 |
| White/<br>Smoke black      | <b>3559H-A05445 62W</b>  | 2CHH590545A6062 | 15 |
| Anthracite/<br>Smoke Black | <b>3559H-A05445 63W</b>  | 2CHH590545A6063 | 15 |
| Yellow/<br>Smoke black     | <b>3559H-A05445 64W</b>  | 2CHH590545A6064 | 15 |
| Red/<br>Smoke black        | <b>3559H-A05445 65W</b>  | 2CHH590545A6065 | 15 |
| Orange/<br>Smoke black     | <b>3559H-A05445 66W</b>  | 2CHH590545A6066 | 15 |
| Green/<br>Smoke black      | <b>3559H-A05445 67W</b>  | 2CHH590545A6067 | 15 |
| Pearl/<br>Ice White        | <b>3559H-A05445 68W</b>  | 2CHH590545A6068 | 15 |
| Steel/<br>Smoke black      | <b>3559H-A05445 69W</b>  | 2CHH590545A6069 | 15 |
| Silver/<br>Smoke black     | <b>3559H-A05445 70W</b>  | 2CHH590545A6070 | 15 |

| Product                    | Article-No.   | Order-No.       | Pack/Qty |
|----------------------------|---|-----------------|----------|
|                            | <b>Switch, two-pole, 1gang one-way</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 A<br>Screwless terminals |                 |          |
| White/Ice white            | <b>3559H-A02445 01W</b>   | 2CHH590245A6001 | 15       |
| White/White                | <b>3559H-A02445 03W</b>   | 2CHH590245A6003 | 15       |
| Grey/White                 | <b>3559H-A02445 16W</b>   | 2CHH590245A6016 | 15       |
| Ivory/White                | <b>3559H-A02445 17W</b>   | 2CHH590245A6017 | 15       |
| Macchiato/White            | <b>3559H-A02445 18W</b>   | 2CHH590245A6018 | 15       |
| White/<br>Smoke black      | <b>3559H-A02445 62W</b>   | 2CHH590245A6062 | 15       |
| Anthracite/<br>Smoke Black | <b>3559H-A02445 63W</b>   | 2CHH590245A6063 | 15       |
| Yellow/<br>Smoke black     | <b>3559H-A02445 64W</b>   | 2CHH590245A6064 | 15       |
| Red/<br>Smoke black        | <b>3559H-A02445 65W</b>   | 2CHH590245A6065 | 15       |
| Orange/<br>Smoke black     | <b>3559H-A02445 66W</b>   | 2CHH590245A6066 | 15       |
| Green/<br>Smoke black      | <b>3559H-A02445 67W</b>   | 2CHH590245A6067 | 15       |
| Pearl/<br>Ice White        | <b>3559H-A02445 68W</b>   | 2CHH590245A6068 | 15       |
| Steel/<br>Smoke black      | <b>3559H-A02445 69W</b>   | 2CHH590245A6069 | 15       |
| Silver/<br>Smoke black     | <b>3559H-A02445 70W</b>   | 2CHH590245A6070 | 15       |

|                            |  |                 |    |
|----------------------------|--|-----------------|----|
|                            | <b>Switch, 2gang one-way (connection type 6)</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals |                 |    |
| White/Ice white            | <b>3559H-A52445 01W</b>  | 2CHH595245A6001 | 15 |
| White/White                | <b>3559H-A52445 03W</b>  | 2CHH595245A6003 | 15 |
| Grey/White                 | <b>3559H-A52445 16W</b>  | 2CHH595245A6016 | 15 |
| Ivory/White                | <b>3559H-A52445 17W</b>  | 2CHH595245A6017 | 15 |
| Macchiato/White            | <b>3559H-A52445 18W</b>  | 2CHH595245A6018 | 15 |
| White/<br>Smoke black      | <b>3559H-A52445 62W</b>  | 2CHH595245A6062 | 15 |
| Anthracite/<br>Smoke Black | <b>3559H-A52445 63W</b>  | 2CHH595245A6063 | 15 |
| Yellow/<br>Smoke black     | <b>3559H-A52445 64W</b>  | 2CHH595245A6064 | 15 |
| Red/<br>Smoke black        | <b>3559H-A52445 65W</b>  | 2CHH595245A6065 | 15 |
| Orange/<br>Smoke black     | <b>3559H-A52445 66W</b>  | 2CHH595245A6066 | 15 |
| Green/<br>Smoke black      | <b>3559H-A52445 67W</b>  | 2CHH595245A6067 | 15 |
| Pearl/<br>Ice White        | <b>3559H-A52445 68W</b>  | 2CHH595245A6068 | 15 |
| Steel/<br>Smoke black      | <b>3559H-A52445 69W</b>  | 2CHH595245A6069 | 15 |
| Silver/<br>Smoke black     | <b>3559H-A52445 70W</b>  | 2CHH595245A6070 | 15 |

## Levit® Switches


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Switch, 2gang one-way</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 A<br>NO contact<br>Screwless terminals  |                 |          |
| White/Ice white   | <b>3559H-A87445 01W</b>  | 2CHH598745A6001 | 15       |
| White/White   | <b>3559H-A87445 03W</b>  | 2CHH598745A6003 | 15       |
| Grey/White  | <b>3559H-A87445 16W</b>  | 2CHH598745A6016 | 15       |
| Ivory/White   | <b>3559H-A87445 17W</b>  | 2CHH598745A6017 | 15       |
| Macchiato/White   | <b>3559H-A87445 18W</b>  | 2CHH598745A6018 | 15       |
| White/<br>Smoke black   | <b>3559H-A87445 62W</b>  | 2CHH598745A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3559H-A87445 63W</b>  | 2CHH598745A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3559H-A87445 64W</b>  | 2CHH598745A6064 | 15       |
| Red/<br>Smoke black   | <b>3559H-A87445 65W</b>  | 2CHH598745A6065 | 15       |
| Orange/<br>Smoke black  | <b>3559H-A87445 66W</b>  | 2CHH598745A6066 | 15       |
| Green/<br>Smoke black   | <b>3559H-A87445 67W</b>  | 2CHH598745A6067 | 15       |
| Pearl/<br>Ice White   | <b>3559H-A87445 68W</b>  | 2CHH598745A6068 | 15       |
| Steel/<br>Smoke black   | <b>3559H-A87445 69W</b>  | 2CHH598745A6069 | 15       |
| Silver/<br>Smoke black  | <b>3559H-A87445 70W</b>  | 2CHH598745A6070 | 15       |
|  | <b>Card switch insert</b><br>for panels Art. No. 3559H-A00700 ..<br>Mode of operation: mechanical<br>Suitable for 54 x 86 mm cards<br>Suitable for illumination<br>Orientation light effected<br>through LED light units<br>Art. No. 3916-05444 - white<br>Art. No. 3916-05445 - red<br>Art. No. 3916-05443 - blue<br>Nominal voltage: 250 V ~<br>Nominal current: 10 A<br>Screwless terminals |                 |          |
|   | <b>3559-A92445</b>   | 2CHX599245A4000 | 10       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Switch two-way and push-switch + two-way retractive</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 10 A<br>Two-way switch, connection type 6<br>+ NO contact push-switch<br>Screwless terminals |                 |          |
| White/Ice white   | <b>3559H-A53445 01W</b>  | 2CHH595345A6001 | 15       |
| White/White   | <b>3559H-A53445 03W</b>  | 2CHH595345A6003 | 15       |
| Grey/White  | <b>3559H-A53445 16W</b>  | 2CHH595345A6016 | 15       |
| Ivory/White   | <b>3559H-A53445 17W</b>  | 2CHH595345A6017 | 15       |
| Macchiato/White   | <b>3559H-A53445 18W</b>  | 2CHH595345A6018 | 15       |
| White/<br>Smoke black   | <b>3559H-A53445 62W</b>  | 2CHH595345A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3559H-A53445 63W</b>  | 2CHH595345A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3559H-A53445 64W</b>  | 2CHH595345A6064 | 15       |
| Red/<br>Smoke black   | <b>3559H-A53445 65W</b>  | 2CHH595345A6065 | 15       |
| Orange/<br>Smoke black  | <b>3559H-A53445 66W</b>  | 2CHH595345A6066 | 15       |
| Green/<br>Smoke black   | <b>3559H-A53445 67W</b>  | 2CHH595345A6067 | 15       |
| Pearl/<br>Ice White   | <b>3559H-A53445 68W</b>  | 2CHH595345A6068 | 15       |
| Steel/<br>Smoke black   | <b>3559H-A53445 69W</b>  | 2CHH595345A6069 | 15       |
| Silver/<br>Smoke black  | <b>3559H-A53445 70W</b>  | 2CHH595345A6070 | 15       |
|  | <b>Card switch cover plate</b><br>For card switch insert<br>(Art. No. 3559-A92445)   |                 |          |
| White/Ice white   | <b>3559H-A00700 01</b>   | 2CHH590700A4001 | 20       |
| White/White   | <b>3559H-A00700 03</b>   | 2CHH590700A4003 | 20       |
| Grey/White  | <b>3559H-A00700 16</b>   | 2CHH590700A4016 | 20       |
| Ivory/White   | <b>3559H-A00700 17</b>   | 2CHH590700A4017 | 20       |
| Macchiato/White   | <b>3559H-A00700 18</b>   | 2CHH590700A4018 | 20       |
| White/<br>Smoke black   | <b>3559H-A00700 62</b>   | 2CHH590700A4062 | 20       |
| Anthracite/<br>Smoke Black  | <b>3559H-A00700 63</b>   | 2CHH590700A4063 | 20       |
| Yellow/<br>Smoke black  | <b>3559H-A00700 64</b>   | 2CHH590700A4064 | 20       |
| Red/<br>Smoke black   | <b>3559H-A00700 65</b>   | 2CHH590700A4065 | 20       |
| Orange/<br>Smoke black  | <b>3559H-A00700 66</b>   | 2CHH590700A4066 | 20       |
| Green/<br>Smoke black   | <b>3559H-A00700 67</b>   | 2CHH590700A4067 | 20       |
| Pearl/<br>Ice White   | <b>3559H-A00700 68</b>   | 2CHH590700A4068 | 20       |
| Steel/<br>Smoke black   | <b>3559H-A00700 69</b>   | 2CHH590700A4069 | 20       |
| Silver/<br>Smoke black  | <b>3559H-A00700 70</b>   | 2CHH590700A4070 | 20       |






**Levit®**

## Switches one- / two-way IP44

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch, 1gang two-way IP44 (connection type 6)</b><br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals<br>Degree of moisture protection: IP44<br>Compatible with standard Levit frames<br>1gang to 3gang (Art. No. 3901H-A050..0 ..) |                 |          |
| White/White   | <b>3559H-A06940 03</b>   | 2CHH596940A4003 | 15       |
| Macchiato/White   | <b>3559H-A06940 18</b>   | 2CHH596940A4018 | 15       |
| White/<br>Smoke black   | <b>3559H-A06940 62</b>   | 2CHH596940A4062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3559H-A06940 63</b>   | 2CHH596940A4063 | 15       |
| Silver/<br>Smoke black  | <b>3559H-A06940 70</b>   | 2CHH596940A4070 | 15       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Push-switch<br/>1gang two-way IP44 (connection type 6)</b><br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals<br>Degree of moisture protection: IP44<br>Compatible with standard Levit frames<br>1gang to 3gang (Art. No. 3901H-A050..0 ..) |                 |    |
| White/White   | <b>3559H-A86940 03</b>   | 2CHH598940A4003 | 15 |
| Macchiato/White   | <b>3559H-A86940 18</b>   | 2CHH598940A4018 | 15 |
| White/<br>Smoke black   | <b>3559H-A86940 62</b>   | 2CHH598940A4062 | 15 |
| Anthracite/<br>Smoke Black  | <b>3559H-A86940 63</b>   | 2CHH598940A4063 | 15 |
| Silver/<br>Smoke black  | <b>3559H-A86940 70</b>   | 2CHH598940A4070 | 15 |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch intermediate<br/>1gang two-way IP44 (connection type 7)</b><br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals<br>Degree of moisture protection: IP44<br>Compatible with standard Levit frames<br>1gang to 3gang (Art. No. 3901H-A050..0 ..) |                 |          |
| White/White   | <b>3559H-A07940 03</b>   | 2CHH597940A4003 | 15       |
| Macchiato/White   | <b>3559H-A07940 18</b>   | 2CHH597940A4018 | 15       |
| White/<br>Smoke black   | <b>3559H-A07940 62</b>   | 2CHH597940A4062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3559H-A07940 63</b>   | 2CHH597940A4063 | 15       |
| Silver/<br>Smoke black  | <b>3559H-A07940 70</b>   | 2CHH597940A4070 | 15       |


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Switch, 2gang two-way IP44</b><br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals<br>Degree of moisture protection: IP44<br>Compatible with standard Levit frames<br>1gang to 3gang (Art. No. 3901H-A050..0 ..) |                 |    |
| White/White  | <b>3559H-A05940 03</b>   | 2CHH595940A4003 | 15 |
| Macchiato/White  | <b>3559H-A05940 18</b>   | 2CHH595940A4018 | 15 |
| White/<br>Smoke black  | <b>3559H-A05940 62</b>   | 2CHH595940A4062 | 15 |
| Anthracite/<br>Smoke Black   | <b>3559H-A05940 63</b>   | 2CHH595940A4063 | 15 |
| Silver/<br>Smoke black   | <b>3559H-A05940 70</b>   | 2CHH595940A4070 | 15 |


# Levit®

## Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO socket outlet, shuttered</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 16 A<br>Screwless terminals |                 |          |
| White/Ice white   | <b>5520H-A03457 01W</b>   | 2CHH203457A6001 | 14       |
| White/White   | <b>5520H-A03457 03W</b>   | 2CHH203457A6003 | 14       |
| Grey/White  | <b>5520H-A03457 16W</b>   | 2CHH203457A6016 | 14       |
| Ivory/White   | <b>5520H-A03457 17W</b>   | 2CHH203457A6017 | 14       |
| Macchiato/White   | <b>5520H-A03457 18W</b>   | 2CHH203457A6018 | 14       |
| White/<br>Smoke black   | <b>5520H-A03457 62W</b>   | 2CHH203457A6062 | 14       |
| Anthracite/<br>Smoke Black  | <b>5520H-A03457 63W</b>   | 2CHH203457A6063 | 14       |
| Yellow/<br>Smoke black  | <b>5520H-A03457 64W</b>   | 2CHH203457A6064 | 14       |
| Red/<br>Smoke black   | <b>5520H-A03457 65W</b>   | 2CHH203457A6065 | 14       |
| Orange/<br>Smoke black  | <b>5520H-A03457 66W</b>   | 2CHH203457A6066 | 14       |
| Green/<br>Smoke black   | <b>5520H-A03457 67W</b>   | 2CHH203457A6067 | 14       |
| Pearl/<br>Ice White   | <b>5520H-A03457 68W</b>   | 2CHH203457A6068 | 14       |
| Steel/<br>Smoke black   | <b>5520H-A03457 69W</b>   | 2CHH203457A6069 | 14       |
| Silver/<br>Smoke black  | <b>5520H-A03457 70W</b>   | 2CHH203457A6070 | 14       |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Double SCHUKO socket outlet, shuttered</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 16 A<br>With a frame for installation into one installation box<br>Screwless terminals |                 |          |
| White/Ice white   | <b>5522H-C03457 01W</b>   | 2CHH223457C6001 | 10       |
| White/White   | <b>5522H-C03457 03W</b>   | 2CHH223457C6003 | 10       |
| Grey/White  | <b>5522H-C03457 16W</b>   | 2CHH223457C6016 | 10       |
| Ivory/White   | <b>5522H-C03457 17W</b>   | 2CHH223457C6017 | 10       |
| Macchiato/White   | <b>5522H-C03457 18W</b>   | 2CHH223457C6018 | 10       |
| White/<br>Smoke black   | <b>5522H-C03457 62W</b>   | 2CHH223457C6062 | 10       |
| Anthracite/<br>Smoke Black  | <b>5522H-C03457 63W</b>   | 2CHH223457C6063 | 10       |
| Yellow/<br>Smoke black  | <b>5522H-C03457 64W</b>   | 2CHH223457C6064 | 10       |
| Red/<br>Smoke black   | <b>5522H-C03457 65W</b>   | 2CHH223457C6065 | 10       |
| Orange/<br>Smoke black  | <b>5522H-C03457 66W</b>   | 2CHH223457C6066 | 10       |
| Green/<br>Smoke black   | <b>5522H-C03457 67W</b>   | 2CHH223457C6067 | 10       |
| Pearl/<br>Ice White   | <b>5522H-C03457 68W</b>   | 2CHH223457C6068 | 10       |
| Steel/<br>Smoke black   | <b>5522H-C03457 69W</b>   | 2CHH223457C6069 | 10       |
| Silver/<br>Smoke black  | <b>5522H-C03457 70W</b>   | 2CHH223457C6070 | 10       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Socket outlet with earthing pin, shuttered</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 16 A<br>Screwless terminals |                 |          |
| White/Ice white   | <b>5519H-A02357 01W</b>  | 2CHH132357C6001 | 14       |
| White/White   | <b>5519H-A02357 03W</b>  | 2CHH192357A6003 | 14       |
| Grey/White  | <b>5519H-A02357 16W</b>  | 2CHH192357A6016 | 14       |
| Ivory/White   | <b>5519H-A02357 17W</b>  | 2CHH192357A6017 | 14       |
| Macchiato/White   | <b>5519H-A02357 18W</b>  | 2CHH192357A6018 | 14       |
| White/Smoke<br>black  | <b>5519H-A02357 62W</b>  | 2CHH192357A6062 | 14       |
| Anthracite/<br>Smoke Black  | <b>5519H-A02357 63W</b>  | 2CHH192357A6063 | 14       |
| Yellow/Smoke<br>black   | <b>5519H-A02357 64W</b>  | 2CHH192357A6064 | 14       |
| Red/Smoke black   | <b>5519H-A02357 65W</b>  | 2CHH192357A6065 | 14       |
| Orange/Smoke<br>black   | <b>5519H-A02357 66W</b>  | 2CHH192357A6066 | 14       |
| Green/Smoke<br>black  | <b>5519H-A02357 67W</b>  | 2CHH192357A6067 | 14       |
| Pearl/Ice White   | <b>5519H-A02357 68W</b>  | 2CHH192357A6068 | 14       |
| Steel/Smoke<br>black  | <b>5519H-A02357 69W</b>  | 2CHH192357A6069 | 14       |
| Silver/Smoke<br>black   | <b>5519H-A02357 70W</b>  | 2CHH192357A6070 | 14       |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Double socket outlet with earthing pins, shuttered</b><br>Individual packaging for retail<br>Nominal voltage: 250 V ~<br>Nominal current: 16 A<br>With turned upper cavity<br>With a frame for installation into one installation box<br>Screwless terminals |                 |          |
| White/Ice white   | <b>5513H-C02357 01W</b>   | 2CHH132357C6001 | 10       |
| White/White   | <b>5513H-C02357 03W</b>   | 2CHH132357C6003 | 10       |
| Grey/White  | <b>5513H-C02357 16W</b>   | 2CHH132357C6016 | 10       |
| Ivory/White   | <b>5513H-C02357 17W</b>   | 2CHH132357C6017 | 10       |
| Macchiato/White   | <b>5513H-C02357 18W</b>   | 2CHH132357C6018 | 10       |
| White/Smoke<br>black  | <b>5513H-C02357 62W</b>   | 2CHH132357C6062 | 10       |
| Anthracite/<br>Smoke Black  | <b>5513H-C02357 63W</b>   | 2CHH132357C6063 | 10       |
| Yellow/Smoke<br>black   | <b>5513H-C02357 64W</b>   | 2CHH132357C6064 | 10       |
| Red/Smoke black   | <b>5513H-C02357 65W</b>   | 2CHH132357C6065 | 10       |
| Orange/Smoke<br>black   | <b>5513H-C02357 66W</b>   | 2CHH132357C6066 | 10       |
| Green/Smoke<br>black  | <b>5513H-C02357 67W</b>   | 2CHH132357C6067 | 10       |
| Pearl/Ice White   | <b>5513H-C02357 68W</b>   | 2CHH132357C6068 | 10       |
| Steel/Smoke<br>black  | <b>5513H-C02357 69W</b>   | 2CHH132357C6069 | 10       |
| Silver/Smoke<br>black   | <b>5513H-C02357 70W</b>   | 2CHH132357C6070 | 10       |



## Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Socket outlet with earthing pin, shuttered with cover</b><br>Nominal voltage: 250 V ~<br>Nominal current: 16 A<br>Screwless terminals<br>Degree of moisture protection: IP44 |                 |          |
|   | Compatible with standard Levit frames<br>1gang to 3gang (Art. No. 3901H-A050..0 ..)   |                 |          |
| White/White   | <b>5519H-A02997 03</b>  | 2CHH192997A4003 | 10       |
| Macchiato/White   | <b>5519H-A02997 18</b>  | 2CHH192997A4018 | 10       |
| White/Smoke black   | <b>5519H-A02997 62</b>  | 2CHH192997A4062 | 10       |
| Anthracite/Smoke Black  | <b>5519H-A02997 63</b>  | 2CHH192997A4063 | 10       |
| Silver/Smoke black  | <b>5519H-A02997 70</b>  | 2CHH192997A4070 | 10       |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Socket outlet 55×55 with earthing pin, shuttered</b><br>Nominal voltage: 250 V ~<br>Nominal current: 16 A<br>Screwless terminals   |                 |          |
|   | If installing into a separate 1gang frame, please use the specialized frames with a 55×55 internal window (Art. No. 3901H-A05510 ..)<br>If installing into a multigang frame, use standard frames with the corresponding number of gangs (Art. No. 3901H-A050..) along with specialized cover plates with internal window 55×55 (Art. No. 3901H-A00..55.): external or internal depending on the position of the insert in the frame.<br>Also available: 2gang frames with a 55×55 internal window (Art. No. 3901H-A05520 ..) |                 |          |
| White   | <b>5519H-A02557 03</b>  | 2CHH192557A4003 | 10       |
| Grey  | <b>5519H-A02557 16</b>  | 2CHH192557A4016 | 10       |
| Macchiato   | <b>5519H-A02557 18</b>  | 2CHH192557A4018 | 10       |
| Anthracite  | <b>5519H-A02557 63</b>  | 2CHH192557A4063 | 10       |
| Steel   | <b>5519H-A02557 69</b>  | 2CHH192557A4069 | 10       |
| Silver  | <b>5519H-A02557 70</b>  | 2CHH192557A4070 | 10       |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Socket outlet with earthing pin, shuttered with surge protection</b><br>Nominal voltage: 250 V ~<br>Nominal current: 16 A<br>Screwless terminals<br>Optical fault signalling.<br>Degree of protection: IP40 |                 |   |
| White/Ice white   | <b>5599H-A02357 01</b>   | 2CHH962357C4001 | 1 |
| White/White   | <b>5599H-A02357 03</b>   | 2CHH962357C4003 | 1 |
| Grey/White  | <b>5599H-A02357 16</b>   | 2CHH962357C4016 | 1 |
| Ivory/White   | <b>5599H-A02357 17</b>   | 2CHH962357C4017 | 1 |
| Macchiato/White   | <b>5599H-A02357 18</b>   | 2CHH962357C4018 | 1 |
| White/Smoke black   | <b>5599H-A02357 62</b>   | 2CHH962357C4062 | 1 |
| Anthracite/Smoke Black  | <b>5599H-A02357 63</b>   | 2CHH962357C4063 | 1 |
| Yellow/Smoke black  | <b>5599H-A02357 64</b>   | 2CHH962357C4064 | 1 |
| Red/Smoke black   | <b>5599H-A02357 65</b>   | 2CHH962357C4065 | 1 |
| Orange/Smoke black  | <b>5599H-A02357 66</b>   | 2CHH962357C4066 | 1 |
| Green/Smoke black   | <b>5599H-A02357 67</b>   | 2CHH962357C4067 | 1 |
| Pearl/Ice White   | <b>5599H-A02357 68</b>   | 2CHH962357C4068 | 1 |
| Steel/Smoke black   | <b>5599H-A02357 69</b>   | 2CHH962357C4069 | 1 |
| Silver/Smoke black  | <b>5599H-A02357 70</b>   | 2CHH962357C4070 | 1 |

# Levit®

## Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Double socket outlet with earthing pins, shuttered with surge protection and turned upper cavity</b><br>Nominal voltage: 250 V ~<br>Nominal current: 16 A<br>With a frame for installation into one installation box<br>Optical fault signalling.<br>Screwless terminals |                 |          |
| White/Ice white   | <b>5593H-C02357 01</b>  | 2CHH922357C4001 | 1        |
| White/White   | <b>5593H-C02357 03</b>  | 2CHH922357C4003 | 1        |
| Grey/White  | <b>5593H-C02357 16</b>  | 2CHH922357C4016 | 1        |
| Ivory/White   | <b>5593H-C02357 17</b>  | 2CHH922357C4017 | 1        |
| Macchiato/White   | <b>5593H-C02357 18</b>  | 2CHH922357C4018 | 1        |
| White/Smoke black   | <b>5593H-C02357 62</b>  | 2CHH922357C4062 | 1        |
| Anthracite/Smoke Black  | <b>5593H-C02357 64</b>  | 2CHH922357C4063 | 1        |
| Yellow/Smoke black  | <b>5593H-C02357 65</b>  | 2CHH922357C4064 | 1        |
| Red/Smoke black   | <b>5593H-C02357 66</b>  | 2CHH922357C4065 | 1        |
| Orange/Smoke black  | <b>5593H-C02357 67</b>  | 2CHH922357C4066 | 1        |
| Green/Smoke black   | <b>5593H-C02357 63</b>  | 2CHH922357C4067 | 1        |
| Pearl/Ice White   | <b>5593H-C02357 68</b>  | 2CHH922357C4068 | 1        |
| Steel/Smoke black   | <b>5593H-C02357 69</b>  | 2CHH922357C4069 | 1        |
| Silver/Smoke black  | <b>5593H-C02357 70</b>  | 2CHH922357C4070 | 1        |




**Socket outlet with earthing pin, shuttered with overcurrent protection**  
Nominal voltage: 250 V ~  
Nominal current: 16 A  
Screwless terminals

Residual working current  $I_{\Delta n}$ : 30 mA  
Type A, AC and pulse current sensitivity  
Rated current  $I_n$ : 16 A  
Rated frequency: 45 - 60 Hz  
Charging time at  $5 \times I_{\Delta n}$ : max. 30 ms  
Rated short-circuit current: 3,000 A  
Impulse current resistance: 3,000 A, 8/20  $\mu$ s  
Ambient temperature: -25 °C to +40 °C  
Degree of protection: IP 20  
Climatic resistance: in accordance with EN 61008-1  
Connection cross-section: 1.5 to 2.5 mm<sup>2</sup>  
Mounting depth: 32 mm


If installing into a separate 1gang frame, please use the specialized frames with a 55×55 internal window (Art. No. 3901H-A05510 ..)  
If installing into a multigang frame, use standard frames with the corresponding number of gangs (Art. No. 3901H-A050..) along with specialized cover plates with internal window 55×55 (Art. No. 3901H-A00..55.): external or internal depending on the position of the insert in the frame.  
Also available: 2gang frames with a 55×55 internal window (Art. No. 3901H-A05520 ..)


|       |                        |                 |   |
|-------|------------------------|-----------------|---|
| White | <b>5526H-A02369 03</b> | 2CHH262369A4003 | 1 |
|-------|------------------------|-----------------|---|


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Socket outlet for centralized dust collector</b><br>Socket outlet with cover and base is designed for centralized dust collection systems to be used with 51 mm pipes (with 32 to 36 mm tapered end and 37.5 / 37.0 to 38.5 / 38 mm diameter)<br>For vacuums of pressure 10–45 kPa.<br>The frame is integral to the socket outlet<br>The socket outlet cannot be mounted in multi-gang frames<br>The horizontal axis of the socket outlet is the horizontal axis of the pipe opening |                 |          |
| White/Ice white   | <b>5530H-C67107 01</b>  | 2CHH506717C4001 | 8        |
| White/White   | <b>5530H-C67107 03</b>  | 2CHH506717C4003 | 8        |
| Grey/White  | <b>5530H-C67107 16</b>  | 2CHH506717C4016 | 8        |
| Ivory/White   | <b>5530H-C67107 17</b>  | 2CHH506717C4017 | 8        |
| Macchiato/White   | <b>5530H-C67107 18</b>  | 2CHH506717C4018 | 8        |
| White/Smoke black   | <b>5530H-C67107 62</b>  | 2CHH506717C4062 | 8        |
| Anthracite/Smoke Black  | <b>5530H-C67107 63</b>  | 2CHH506717C4063 | 8        |
| Yellow/Smoke black  | <b>5530H-C67107 64</b>  | 2CHH506717C4064 | 8        |
| Red/Smoke black   | <b>5530H-C67107 65</b>  | 2CHH506717C4065 | 8        |
| Orange/Smoke black  | <b>5530H-C67107 66</b>  | 2CHH506717C4066 | 8        |
| Green/Smoke black   | <b>5530H-C67107 67</b>  | 2CHH506717C4067 | 8        |
| Pearl/Ice White   | <b>5530H-C67107 68</b>  | 2CHH506717C4068 | 8        |
| Steel/Smoke black   | <b>5530H-C67107 69</b>  | 2CHH506717C4069 | 8        |
| Silver/Smoke black  | <b>5530H-C67107 70</b>  | 2CHH506717C4070 | 8        |



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| Product  | Article-No. | Order-No.               | Pack/Qty           |
|--|-------------|-------------------------|--------------------|
|  <p><b>Antenna socket outlet, TV-R, END</b><br/>Individual packaging for retail<br/>Resistance: 75 Ohm<br/>For 3.6 - 6.8 mm coaxial cable</p> | White       | <b>5011H-A03503 03W</b> | 2CHH083503A6003 16 |
|  | Grey        | <b>5011H-A03503 16W</b> | 2CHH083503A6016 16 |
|  | Ivory       | <b>5011H-A03503 17W</b> | 2CHH083503A6017 16 |
|  | Macchiato   | <b>5011H-A03503 18W</b> | 2CHH083503A6018 16 |
|  | Anthracite  | <b>5011H-A03503 63W</b> | 2CHH083503A6063 16 |
|  | Yellow      | <b>5011H-A03503 64W</b> | 2CHH083503A6064 16 |
|  | Red         | <b>5011H-A03503 65W</b> | 2CHH083503A6065 16 |
|  | Orange      | <b>5011H-A03503 66W</b> | 2CHH083503A6066 16 |
|  | Green       | <b>5011H-A03503 67W</b> | 2CHH083503A6067 16 |
|  | Pearl       | <b>5011H-A03503 68W</b> | 2CHH083503A6068 16 |
|  | Steel       | <b>5011H-A03503 69W</b> | 2CHH083503A6069 16 |
|  | Silver      | <b>5011H-A03503 70W</b> | 2CHH083503A6070 16 |

|  |            |                         |                    |
|--|------------|-------------------------|--------------------|
|  <p><b>Connection unit TV-R-SAT</b><br/>Individual packaging for retail<br/>Power supply to adapter for satellite receiver 500 mA DC, 22 kHz<br/>Resistance: 75 Ohm<br/>For 3.6 - 6.8 mm coaxial cable</p> | White      | <b>5011H-A03303 03W</b> | 2CHH083303A6003 16 |
|  | Grey       | <b>5011H-A03303 16W</b> | 2CHH083303A6016 16 |
|  | Ivory      | <b>5011H-A03303 17W</b> | 2CHH083303A6017 16 |
|  | Macchiato  | <b>5011H-A03303 18W</b> | 2CHH083303A6018 16 |
|  | Anthracite | <b>5011H-A03303 63W</b> | 2CHH083303A6063 16 |
|  | Yellow     | <b>5011H-A03303 64W</b> | 2CHH083303A6064 16 |
|  | Red        | <b>5011H-A03303 65W</b> | 2CHH083303A6065 16 |
|  | Orange     | <b>5011H-A03303 66W</b> | 2CHH083303A6066 16 |
|  | Green      | <b>5011H-A03303 67W</b> | 2CHH083303A6067 16 |
|  | Pearl      | <b>5011H-A03303 68W</b> | 2CHH083303A6068 16 |
|  | Steel      | <b>5011H-A03303 69W</b> | 2CHH083303A6069 16 |
|  | Silver     | <b>5011H-A03303 70W</b> | 2CHH083303A6070 16 |

|  |                   |                   |
|--|-------------------|-------------------|
|  <p><b>TV-R socket outlet insert, loop-through type</b><br/>for panels Art. No. 5011H-A00300 ..<br/>Tap loss: 10 dB<br/>Resistance: 75 Ohm<br/>For 3.6 - 6.8 mm coaxial cable</p> | <b>5011-A3610</b> | 2CHU083610A4000 1 |
|--|-------------------|-------------------|


|  |                   |                   |
|--|-------------------|-------------------|
|  <p><b>TV-R socket outlet insert, loop-through type</b><br/>for panels Art. No. 5011H-A00300 ..<br/>Tap loss: 14 dB<br/>Resistance: 75 Ohm<br/>For 3.6 - 6.8 mm coaxial cable</p> | <b>5011-A3614</b> | 2CHU083614A4000 1 |
|--|-------------------|-------------------|


| Product  | Article-No. | Order-No.               | Pack/Qty           |
|--|-------------|-------------------------|--------------------|
|  <p><b>TV-R socket outlet, loop-through type</b><br/>Individual packaging for retail<br/>Tap loss: 7 dB<br/>Resistance: 75 Ohm<br/>For 3.6 - 6.8 mm coaxial cable</p> | White       | <b>5011H-A03607 03W</b> | 2CHH083607A6003 16 |
|  | Grey        | <b>5011H-A03607 16W</b> | 2CHH083607A6016 16 |
|  | Ivory       | <b>5011H-A03607 17W</b> | 2CHH083607A6017 16 |
|  | Macchiato   | <b>5011H-A03607 18W</b> | 2CHH083607A6018 16 |
|  | Anthracite  | <b>5011H-A03607 63W</b> | 2CHH083607A6063 16 |
|  | Yellow      | <b>5011H-A03607 64W</b> | 2CHH083607A6064 16 |
|  | Red         | <b>5011H-A03607 65W</b> | 2CHH083607A6065 16 |
|  | Orange      | <b>5011H-A03607 66W</b> | 2CHH083607A6066 16 |
|  | Green       | <b>5011H-A03607 67W</b> | 2CHH083607A6067 16 |
|  | Pearl       | <b>5011H-A03607 68W</b> | 2CHH083607A6068 16 |
|  | Steel       | <b>5011H-A03607 69W</b> | 2CHH083607A6069 16 |
|  | Silver      | <b>5011H-A03607 70W</b> | 2CHH083607A6070 16 |


|  |            |                        |                    |
|--|------------|------------------------|--------------------|
|  <p><b>TV-R / TV-R-SAT socket outlet cover plate</b><br/>For TV-R socket outlet inserts<br/>(Art. No. 5011-A3610 and 5011-A3614)</p> | White      | <b>5011H-A00300 03</b> | 2CHH080300A4003 10 |
|  | Grey       | <b>5011H-A00300 16</b> | 2CHH080300A4016 10 |
|  | Ivory      | <b>5011H-A00300 17</b> | 2CHH080300A4017 10 |
|  | Macchiato  | <b>5011H-A00300 18</b> | 2CHH080300A4018 10 |
|  | Anthracite | <b>5011H-A00300 63</b> | 2CHH080300A4063 10 |
|  | Yellow     | <b>5011H-A00300 64</b> | 2CHH080300A4064 10 |
|  | Red        | <b>5011H-A00300 65</b> | 2CHH080300A4065 10 |
|  | Orange     | <b>5011H-A00300 66</b> | 2CHH080300A4066 10 |
|  | Green      | <b>5011H-A00300 67</b> | 2CHH080300A4067 10 |
|  | Pearl      | <b>5011H-A00300 68</b> | 2CHH080300A4068 10 |
|  | Steel      | <b>5011H-A00300 69</b> | 2CHH080300A4069 10 |
|  | Silver     | <b>5011H-A00300 70</b> | 2CHH080300A4070 10 |





Telecommunications systems / multimedia


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Data socket outlet, RJ45 CAT5e + end strip</b><br><b>Includes:</b><br>Individual packaging for retail<br>RJ45 category 5e + end strip<br>With labelling field |                 |          |
| White   | <b>5014H-A51017 03W</b>  | 2CHH295117A6003 | 24       |
| Grey  | <b>5014H-A51017 16W</b>  | 2CHH295117A6016 | 24       |
| Ivory   | <b>5014H-A51017 17W</b>  | 2CHH295117A6017 | 24       |
| Macchiato   | <b>5014H-A51017 18W</b>  | 2CHH295117A6018 | 24       |
| Anthracite  | <b>5014H-A51017 63W</b>  | 2CHH295117A6063 | 24       |
| Yellow  | <b>5014H-A51017 64W</b>  | 2CHH295117A6064 | 24       |
| Red   | <b>5014H-A51017 65W</b>  | 2CHH295117A6065 | 24       |
| Orange  | <b>5014H-A51017 66W</b>  | 2CHH295117A6066 | 24       |
| Green   | <b>5014H-A51017 67W</b>  | 2CHH295117A6067 | 24       |
| Pearl   | <b>5014H-A51017 68W</b>  | 2CHH295117A6068 | 24       |
| Steel   | <b>5014H-A51017 69W</b>  | 2CHH295117A6069 | 24       |
| Silver  | <b>5014H-A51017 70W</b>  | 2CHH295117A6070 | 24       |

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Data socket outlet, RJ45+end strip, CAT6</b><br>Individual packaging for retail<br>Includes: RJ45 (category 6) + end strip<br>With labelling field |                 |    |
| White  | <b>5014H-A61017 03W</b>   | 2CHH296117A6003 | 24 |
| Grey   | <b>5014H-A61017 16W</b>   | 2CHH296117A6016 | 24 |
| Ivory  | <b>5014H-A61017 17W</b>   | 2CHH296117A6017 | 24 |
| Macchiato  | <b>5014H-A61017 18W</b>   | 2CHH296117A6018 | 24 |
| Anthracite   | <b>5014H-A61017 63W</b>   | 2CHH296117A6063 | 24 |
| Yellow   | <b>5014H-A61017 64W</b>   | 2CHH296117A6064 | 24 |
| Red  | <b>5014H-A61017 65W</b>   | 2CHH296117A6065 | 24 |
| Orange   | <b>5014H-A61017 66W</b>   | 2CHH296117A6066 | 24 |
| Green  | <b>5014H-A61017 67W</b>   | 2CHH296117A6067 | 24 |
| Pearl  | <b>5014H-A61017 68W</b>   | 2CHH296117A6068 | 24 |
| Steel  | <b>5014H-A61017 69W</b>   | 2CHH296117A6069 | 24 |
| Silver   | <b>5014H-A61017 70W</b>   | 2CHH296117A6070 | 24 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cover plate for communication inserts with mounting plate</b><br>Metallic mounting plate with cover plate<br>For mounting two Modular-Jack (keystone)<br>Dimensions of socket connector: 19.4X14.8 mm<br>Can be used with cover strips Art. No. 1116412-3<br>With labelling field |                 |    |
| White   | <b>5014H-A01018 03</b>   | 2CHH291018A4003 | 10 |
| Grey  | <b>5014H-A01018 16</b>   | 2CHH291018A4016 | 10 |
| Ivory   | <b>5014H-A01018 17</b>   | 2CHH291018A4017 | 10 |
| Macchiato   | <b>5014H-A01018 18</b>   | 2CHH291018A4018 | 10 |
| Anthracite  | <b>5014H-A01018 63</b>   | 2CHH291018A4063 | 10 |
| Yellow  | <b>5014H-A01018 64</b>   | 2CHH291018A4064 | 10 |
| Red   | <b>5014H-A01018 65</b>   | 2CHH291018A4065 | 10 |
| Orange  | <b>5014H-A01018 66</b>   | 2CHH291018A4066 | 10 |
| Green   | <b>5014H-A01018 67</b>   | 2CHH291018A4067 | 10 |
| Pearl   | <b>5014H-A01018 68</b>   | 2CHH291018A4068 | 10 |
| Steel   | <b>5014H-A01018 69</b>   | 2CHH291018A4069 | 10 |
| Silver  | <b>5014H-A01018 70</b>   | 2CHH291018A4070 | 10 |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Data socket outlet, 2xRJ45, CAT 5e</b><br>Individual packaging for retail<br>Includes: two RJ45 (category 5e)<br>With labelling field |                 |          |
| White   | <b>5014H-A51018 03W</b>  | 2CHH295118A6003 | 24       |
| Grey  | <b>5014H-A51018 16W</b>  | 2CHH295118A6016 | 24       |
| Ivory   | <b>5014H-A51018 17W</b>  | 2CHH295118A6017 | 24       |
| Macchiato   | <b>5014H-A51018 18W</b>  | 2CHH295118A6018 | 24       |
| Anthracite  | <b>5014H-A51018 63W</b>  | 2CHH295118A6063 | 24       |
| Yellow  | <b>5014H-A51018 64W</b>  | 2CHH295118A6064 | 24       |
| Red   | <b>5014H-A51018 65W</b>  | 2CHH295118A6065 | 24       |
| Orange  | <b>5014H-A51018 66W</b>  | 2CHH295118A6066 | 24       |
| Green   | <b>5014H-A51018 67W</b>  | 2CHH295118A6067 | 24       |
| Pearl   | <b>5014H-A51018 68W</b>  | 2CHH295118A6068 | 24       |
| Steel   | <b>5014H-A51018 69W</b>  | 2CHH295118A6069 | 24       |
| Silver  | <b>5014H-A51018 70W</b>  | 2CHH295118A6070 | 24       |


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Data socket outlet, 2xRJ45, CAT 6</b><br>Individual packaging for retail<br>Includes: two RJ 45 (CAT 6)<br>With labelling field |                 |    |
| White  | <b>5014H-A61018 03W</b>  | 2CHH296118A6003 | 24 |
| Grey   | <b>5014H-A61018 16W</b>  | 2CHH296118A6016 | 24 |
| Ivory  | <b>5014H-A61018 17W</b>  | 2CHH296118A6017 | 24 |
| Macchiato  | <b>5014H-A61018 18W</b>  | 2CHH296118A6018 | 24 |
| Anthracite   | <b>5014H-A61018 63W</b>  | 2CHH296118A6063 | 24 |
| Yellow   | <b>5014H-A61018 64W</b>  | 2CHH296118A6064 | 24 |
| Red  | <b>5014H-A61018 65W</b>  | 2CHH296118A6065 | 24 |
| Orange   | <b>5014H-A61018 66W</b>  | 2CHH296118A6066 | 24 |
| Green  | <b>5014H-A61018 67W</b>  | 2CHH296118A6067 | 24 |
| Pearl  | <b>5014H-A61018 68W</b>  | 2CHH296118A6068 | 24 |
| Steel  | <b>5014H-A61018 69W</b>  | 2CHH296118A6069 | 24 |
| Silver   | <b>5014H-A61018 70W</b>  | 2CHH296118A6070 | 24 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Cable outlet</b><br>Individual packaging for retail<br>With strain relief<br>Compatible with 3x1.5 mm <sup>2</sup> - 5x2.5 mm <sup>2</sup> supply cable<br>Cross-connecting terminal block is not included |                 |    |
| White   | <b>3938H-A00034 03W</b>   | 2CHH480034A6003 | 50 |
| Grey  | <b>3938H-A00034 16W</b>   | 2CHH480034A6016 | 50 |
| Ivory   | <b>3938H-A00034 17W</b>   | 2CHH480034A6017 | 50 |
| Macchiato   | <b>3938H-A00034 18W</b>   | 2CHH480034A6018 | 50 |
| Anthracite  | <b>3938H-A00034 63W</b>   | 2CHH480034A6063 | 50 |
| Yellow  | <b>3938H-A00034 64W</b>   | 2CHH480034A6064 | 50 |
| Red   | <b>3938H-A00034 65W</b>   | 2CHH480034A6065 | 50 |
| Orange  | <b>3938H-A00034 66W</b>   | 2CHH480034A6066 | 50 |
| Green   | <b>3938H-A00034 67W</b>   | 2CHH480034A6067 | 50 |
| Pearl   | <b>3938H-A00034 68W</b>   | 2CHH480034A6068 | 50 |
| Steel   | <b>3938H-A00034 69W</b>   | 2CHH480034A6069 | 50 |
| Silver  | <b>3938H-A00034 70W</b>   | 2CHH480034A6070 | 50 |



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Telecommunications systems / multimedia


| Product   | Article-No. | Order-No.          | Pack/Qty          |
|---|-------------|--------------------|-------------------|
|  <p><b>VGA connection unit</b><br/>Busch-Jaeger insert<br/>Compatible with Levit cover plates<br/>Art. No. 5014H-A00040 ..<br/>With screw-type terminals and strain relief.<br/>To link analogue video data between PCs / laptops and devices for visualization (monitors or digital projectors etc.)<br/>VGA-type: D-Sub, 15-pole.<br/>Fully HD ready (1920 × 1080 pixel).<br/>For 15-wire VGA cables.<br/>Without claws.<br/>Built-in depth: 34 mm</p> | White       | <b>0261/22-500</b> | 2CKA000230A0425 1 |
|   | Black       | <b>0261/23-500</b> | 2CKA000230A0426 1 |

|   |       |                    |                   |
|---|-------|--------------------|-------------------|
|  <p><b>USB connection unit</b><br/>Busch-Jaeger insert<br/>Compatible with Levit cover plates<br/>Art. No. 5014H-A00040 ..<br/>With screw-type terminals and strain relief.<br/>For mobile devices, such as printers, scanners, USB flash drives, and digital cameras.<br/>USB-type A, USB 2.0 compatible.<br/>For 5-wire USB cables.<br/>Without claws.<br/>Built-in depth: 34 mm</p> | White | <b>0261/12-500</b> | 2CKA000230A0419 1 |
|   | Black | <b>0261/13-500</b> | 2CKA000230A0420 1 |

|  |       |                    |                   |
|--|-------|--------------------|-------------------|
|  <p><b>HDMI connection unit</b><br/>Busch-Jaeger insert<br/>Compatible with Levit cover plates<br/>Art. No. 5014H-A00040 ..<br/>With screw-type terminals and strain relief.<br/>To link high-definition digital audio and video data from e.g. SAT-receiver, or DVD-/Blue-Ray-player to plasma-type, LCD or LED TVs / screens.<br/>HDMI-type A, 3D-compatible.<br/>Fully HD ready (1920 × 1080 pixel).<br/>For 20-wire HDMI cables.<br/>Without claws.<br/>Built-in depth: 34 mm</p> | White | <b>0261/32-500</b> | 2CKA000230A0431 1 |
|  | Black | <b>0261/33-500</b> | 2CKA000230A0432 1 |

|  |       |                        |                   |
|--|-------|------------------------|-------------------|
|  <p><b>Stereo loudspeaker connection box</b><br/>Busch-Jaeger insert<br/>Compatible with Levit cover plates<br/>Art. No. 5014H-A00040 ..<br/>With screwless terminals (with screw-type terminals on the back).<br/>4 connection terminals.<br/>Maximum cable diameter: 10 mm<sup>2</sup>.<br/>Polarity is indicated by color.<br/>With claws.</p> | White | <b>0248/04-101-500</b> | 2CKA000230A0464 1 |
|  | Black | <b>0248/05-101</b>     | 2CKA000230A0404 1 |


| Product   | Article-No. | Order-No.              | Pack/Qty           |
|---|-------------|------------------------|--------------------|
|  <p><b>Cover plate for USB / HDMI / VGA / stereo connection unit</b><br/>Compatible with Busch-Jaeger inserts for USB / HDMI / VGA / stereo connection units</p> | White       | <b>5014H-A00040 03</b> | 2CHH290040A4003 10 |
|   | Grey        | <b>5014H-A00040 16</b> | 2CHH290040A4016 10 |
|   | Ivory       | <b>5014H-A00040 17</b> | 2CHH290040A4017 10 |
|   | Macchiato   | <b>5014H-A00040 18</b> | 2CHH290040A4018 10 |
|   | Anthracite  | <b>5014H-A00040 63</b> | 2CHH290040A4063 10 |
|   | Yellow      | <b>5014H-A00040 64</b> | 2CHH290040A4064 10 |
|   | Red         | <b>5014H-A00040 65</b> | 2CHH290040A4065 10 |
|   | Orange      | <b>5014H-A00040 66</b> | 2CHH290040A4066 10 |
|   | Green       | <b>5014H-A00040 67</b> | 2CHH290040A4067 10 |
|   | Pearl       | <b>5014H-A00040 68</b> | 2CHH290040A4068 10 |
|   | Steel       | <b>5014H-A00040 69</b> | 2CHH290040A4069 10 |
|   | Silver      | <b>5014H-A00040 70</b> | 2CHH290040A4070 10 |


|  |                   |                   |
|--|-------------------|-------------------|
|  <p><b>USB power adapter insert, flush-mounted <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/><b>With USB-A &amp; USB-C interface</b><br/>For supply and support of mobile devices via USB-cable.<br/>With USB type A and USB type C female connector.<br/>To support two devices at the same time.<br/>Supports automatic negotiating of optimum charging parameters for the shortest charging times.<br/>Support of loading protocol on the USB-A connection:<br/>Apple MFI with 2.4 A and BC 1.2 with 1.5 A.<br/>Support of the additional quick-charge protocols: USB-PD and quick-charge 3.0 &amp; 4.0.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Rated voltage: 230 - 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 2x USB charging interface<br/>Suitable for: Only USB-A bus occupied:<br/>Rated current: 3000 mA<br/>Output voltage: 5 V-<br/>Suitable for: Only USB-C bus occupied:<br/>Rated power: 18 W<br/>Suitable for: USB-A and USB-C bus occupied. Total:<br/>Rated current: 3250 mA<br/>Output voltage: 5 V-<br/>Protection class (Device): IP 20, SELV<br/>Temperature range (Device): 0 °C to 35 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm<br/>Mounting depth: 32 mm</p> | <b>6475 U-500</b> | 2CKA006400A0399 1 |
|--|-------------------|-------------------|


<sup>1)</sup> No claw. Screw-fixing via keyholes.<sup>2)</sup> No data transfer.<sup>3)</sup> When cleaning the device, use dust cover 2098 for the USB-A connection.



**Levit®**

Telecommunications systems / multimedia

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch Btconnect Radio</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3299H-A40200 ..<br>RDS stereo radio with display,<br>for flush-mounted installation.<br>With Bluetooth interface to play from mobile devices.<br>Receive frequency: 87.50 - 108.00 MHz.<br>With external AUX input.<br>For mono/stereo operation, 8 radio stations storable.<br>With time and date display.<br>With alarm clock and snooze function.<br>With short-time timer.<br>With automatic switch-off function.<br>With extension input to remote-controlled ON/OFF switches.<br>With integrated antenna.<br>With additional connection for external antenna.<br>Permitted speaker impedance: 4 - 8 Ohm<br>Can be installed into standard installation box. Bluetooth specification: 2.1<br>Bluetooth profiles supported: A2DP<br>Number of stored Bluetooth connections: max. 8<br>Nominal voltage: 110 - 230 V~, +10%/-10%<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class: IP 20<br>Operating temperature: 5°C to 40°C<br>Dimensions (Height x Width x Depth):<br>71 mm x 71 mm x 47 mm<br>Built-in depth: 32 mm |                 |          |
|   | <b>8217 U-500</b>   | 2CKA008200A0194 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Busch iNet Radio</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3299H-A40200 ..<br>Wireless Internet radio alarm clock<br>for flush-mounted installation.<br>For the reception of national and international radio stations via Internet.<br>Radio station search possible by genre.<br>Integrated web-server for configuration and control.<br>Remote control with smartphone via browser interface.<br>UPnP replay function.<br>Control via smartphone.<br>For mono/stereo operation, 8 radio stations storable.<br>With time and date display.<br>With alarm function.<br>With short-time timer.<br>With automatic switch-off function.<br>With extension input to remote-controlled ON/OFF switches.<br>With integrated WLAN antenna.<br>WLAN Standards: IEEE 802.11b / IEEE 802.11g.<br>WLAN security: WPA / WPA2.<br>Permitted speaker impedance: 4 - 8 Ohm<br>To be installed in conjunction with standard mounting boxes.<br>Nominal voltage: 110 - 230 V~, +10%/-10%<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class: IP 20<br>Operating temperature: 5 °C to 40 °C<br>Dimensions (Height x Width x Depth):<br>71 mm x 71 mm x 49 mm<br>Built-in depth: 33 mm |                 |   |
|   | <b>8216 U-500</b>   | 2CKA008200A0153 | 1 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-DigitalRadio</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3299H-A40200 ..<br>RDS stereo radio with display<br>for flush-mounted installation<br>Receive frequency: 87.50 - 108.00 MHz.<br>for mono/stereo operation.<br>8 radio stations storable.<br>Clock.<br>With alarm function.<br>With automatic switch-off function.<br>With extension input to remote-controlled ON/OFF switches.<br>With integrated antenna.<br>With additional connection for external antenna.<br>Permitted speaker impedance: 4 - 8 Ohm<br>To be installed in conjunction with standard mounting boxes.<br>Nominal voltage: 230 V~, +10%/-10%<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class: IP 20<br>Operating temperature: 5°C to 40°C<br>Dimensions (Height x Width x Depth):<br>71 mm x 71 mm x 49 mm<br>Built-in depth: 34 mm |                 |          |
|   | <b>8215 U-500</b>   | 2CKA008200A0182 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover plate for FM radio / Busch-Radio iNet / BT radio inserts</b><br>For Busch-Jaeger inserts:<br>- Busch Btconnect Radio<br>2CKA008200A0194<br>- Busch-DigitalRadio<br>2CKA008200A0182<br>- Busch iNet Radio<br>2CKA008200A0153  |                 |   |
|   | If installing into a separate 1gang frame, please use the specialized frames with a 55 x 55 internal window (Art. No. 3901H-A05510 ..)  |                 |   |
|   | If installing into a multigang frame, use standard frames with the corresponding number of gangs (Art. No. 3901H-A050..) along with specialized cover plates with a 55 x 55 internal window (Art. No. 3901H-A00..55..), external or internal depending on the position of the insert in the frame. Also available: 2gang frames with a 55 x 55 internal window (Art. No. 3901H-A05520 ..) |                 |   |
| White   | <b>3299H-A40200 03</b>  | 2CHH704020A4003 | 5 |
| Grey  | <b>3299H-A40200 16</b>  | 2CHH704020A4016 | 5 |
| Ivory   | <b>3299H-A40200 17</b>  | 2CHH704020A4017 | 5 |
| Macchiato   | <b>3299H-A40200 18</b>  | 2CHH704020A4018 | 5 |
| Anthracite  | <b>3299H-A40200 63</b>  | 2CHH704020A4063 | 5 |
| Yellow  | <b>3299H-A40200 64</b>  | 2CHH704020A4064 | 5 |
| Red   | <b>3299H-A40200 65</b>  | 2CHH704020A4065 | 5 |
| Orange  | <b>3299H-A40200 66</b>  | 2CHH704020A4066 | 5 |
| Green   | <b>3299H-A40200 67</b>  | 2CHH704020A4067 | 5 |
| Pearl   | <b>3299H-A40200 68</b>  | 2CHH704020A4068 | 5 |
| Steel   | <b>3299H-A40200 69</b>  | 2CHH704020A4069 | 5 |
| Silver  | <b>3299H-A40200 70</b>  | 2CHH704020A4070 | 5 |




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Telecommunications systems / multimedia

| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Loudspeaker insert, 5 cm</b><br/>           Busch-Jaeger insert<br/>           Compatible with Levit cover plates<br/>           Art. No. 5016H-A00075 ..<br/>           For digital radio 8215 U-500<br/>           For Busch-Radio iNet 8216 U-500<br/>           For Busch-Radio BTconnect 8217 U-500<br/>           With broadband characteristics.<br/>           With flat plug connector.<br/>           Incl. speaker connection cable.<br/>           Nominal power: 2 W (RMS)<br/>           Frequency range: 200 - 20000 Hz<br/>           Impedance: 4 Ohm<br/>           Protection class: IP 20, SELV<br/>           Mounting depth: 32 mm</p> | <b>8223 U-500</b> | 2CKA008200A0183 | 1        |

| Product  | Article-No.            | Order-No.       | Pack/Qty |
|--|------------------------|-----------------|----------|
|  <p><b>Cover plate for loudspeaker</b><br/>           For Busch-Jaeger loudspeaker insert:<br/>           2CKA008200A0183<br/>           If installing into a separate 1gang frame, please use the specialized frames with a 55×55 internal window (Art. No. 3901H-A05510 ..)<br/>           If installing into a multigang frame, use standard frames with the corresponding number of gangs (Art. No. 3901H-A050..) along with specialized cover plates with a 55×55 internal window (Art. No. 3901H-A00..55.):<br/>           external or internal depending on the position of the insert in the frame.<br/>           Also available: 2gang frames with a 55×55 internal window (Art. No. 3901H-A05520 ..)</p> |                        |                 |          |
| White  | <b>5016H-A00075 03</b> | 2CHH660075A4003 | 5        |
| Grey   | <b>5016H-A00075 16</b> | 2CHH660075A4016 | 5        |
| Ivory  | <b>5016H-A00075 17</b> | 2CHH660075A4017 | 5        |
| Macchiato  | <b>5016H-A00075 18</b> | 2CHH660075A4018 | 5        |
| Anthracite   | <b>5016H-A00075 64</b> | 2CHH660075A4064 | 5        |
| Yellow   | <b>5016H-A00075 65</b> | 2CHH660075A4065 | 5        |
| Red  | <b>5016H-A00075 66</b> | 2CHH660075A4066 | 5        |
| Orange   | <b>5016H-A00075 67</b> | 2CHH660075A4067 | 5        |
| Green  | <b>5016H-A00075 63</b> | 2CHH660075A4063 | 5        |
| Pearl  | <b>5016H-A00075 68</b> | 2CHH660075A4068 | 5        |
| Steel  | <b>5016H-A00075 69</b> | 2CHH660075A4069 | 5        |
| Silver   | <b>5016H-A00075 70</b> | 2CHH660075A4070 | 5        |




## Dimmers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rotary / push-button dimmer, 60-600W</b><br>Individual packaging for retail<br>Turn/push button switch.<br>For incandescent lamps and 230 V~ tungsten halogen lamps.<br>With adjustable minimum brightness.<br>Nominal voltage: 230 V ~, +10%/-10%. Rated frequency: 50 Hz.<br>Nominal power: 60-600 W. Can be used in circuits with several switches. Only in conjunction with mounting boxes according to DIN 49073 Part 1.<br>With terminal to connect components without mains voltage. |                 |          |
| White/Ice white   | <b>3294H-A02247 01W</b>  | 2CHH942247A6001 | 14       |
| White/White   | <b>3294H-A02247 03W</b>  | 2CHH942247A6003 | 14       |
| Grey/White  | <b>3294H-A02247 16W</b>  | 2CHH942247A6016 | 14       |
| Ivory/White   | <b>3294H-A02247 17W</b>  | 2CHH942247A6017 | 14       |
| Macchiato/White   | <b>3294H-A02247 18W</b>  | 2CHH942247A6018 | 14       |
| White/<br>Smoke black   | <b>3294H-A02247 62W</b>  | 2CHH942247A6062 | 14       |
| Anthracite/<br>Smoke Black  | <b>3294H-A02247 63W</b>  | 2CHH942247A6063 | 14       |
| Yellow/<br>Smoke black  | <b>3294H-A02247 64W</b>  | 2CHH942247A6064 | 14       |
| Red/<br>Smoke black   | <b>3294H-A02247 65W</b>  | 2CHH942247A6065 | 14       |
| Orange/<br>Smoke black  | <b>3294H-A02247 66W</b>  | 2CHH942247A6066 | 14       |
| Green/<br>Smoke black   | <b>3294H-A02247 67W</b>  | 2CHH942247A6067 | 14       |
| Pearl/<br>Ice White   | <b>3294H-A02247 68W</b>  | 2CHH942247A6068 | 14       |
| Steel/<br>Smoke black   | <b>3294H-A02247 69W</b>  | 2CHH942247A6069 | 14       |
| Silver/<br>Smoke black  | <b>3294H-A02247 70W</b>  | 2CHH942247A6070 | 14       |



**Rotary dimmer insert, RL, 200-700 W**  
Busch-Jaeger insert  
Compatible with Levit cover plates  
Art. No. 3294H-A00123 ..  
With rotary control, two-way switch.  
For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer.  
With short-circuit and overload protection.  
With adjustable minimum brightness.  
Without claws.  
Nominal voltage: 230 V~, +10%/-10%.  
Rated frequency: 50 Hz.  
Nominal power: 200 - 700 W/VA.  
Take in account ~20% transformer loss for conventional transformers. Can be used in circuits with several switches. Only in conjunction with mounting boxes according to DIN 49073 Part 1. Recommended for 1gang installation.

**6520 U-500**      2CKA006520A0227 1

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for rotary dimmer</b><br>Compatible with Busch-Jaeger rotary dimmer inserts:<br>2CKA006520A0227<br>2CKA006517A0018<br>2CKA006512A0345<br>2CKA006513A0588<br>2CKA006513A0590<br>2CKA006599A2987<br>2CKA006599A3025<br>2CKA006599A2988<br>2CKA006599A3026 |                 |          |
| White/Ice white   | <b>3294H-A00123 01</b>   | 2CHH940123A4001 | 5        |
| White/White   | <b>3294H-A00123 03</b>   | 2CHH940123A4003 | 5        |
| Grey/White  | <b>3294H-A00123 16</b>   | 2CHH940123A4016 | 5        |
| Ivory/White   | <b>3294H-A00123 17</b>   | 2CHH940123A4017 | 5        |
| Macchiato/White   | <b>3294H-A00123 18</b>   | 2CHH940123A4018 | 5        |
| White/<br>Smoke black   | <b>3294H-A00123 62</b>   | 2CHH940123A4062 | 5        |
| Anthracite/<br>Smoke Black  | <b>3294H-A00123 63</b>   | 2CHH940123A4063 | 5        |
| Yellow/<br>Smoke black  | <b>3294H-A00123 64</b>   | 2CHH940123A4064 | 5        |
| Red/<br>Smoke black   | <b>3294H-A00123 65</b>   | 2CHH940123A4065 | 5        |
| Orange/<br>Smoke black  | <b>3294H-A00123 66</b>   | 2CHH940123A4066 | 5        |
| Green/<br>Smoke black   | <b>3294H-A00123 67</b>   | 2CHH940123A4067 | 5        |
| Pearl/<br>Ice White   | <b>3294H-A00123 68</b>   | 2CHH940123A4068 | 5        |
| Steel/<br>Smoke black   | <b>3294H-A00123 69</b>   | 2CHH940123A4069 | 5        |
| Silver/<br>Smoke black  | <b>3294H-A00123 70</b>   | 2CHH940123A4070 | 5        |


# Levit®


## Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty | Product   | Article-No.  | Order-No.       | Pack/Qty |  |
|---|---|-----------------|----------|---|--|-----------------|----------|--|
|    | <b>Rotary dimmer insert, LED, 2-400 W</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3294H-A00123 ..<br>With rotary control, two-way switch and soft-catch.<br>2-wire connection.<br>For dimmable<br>Retrofit-LEDs (LEDi).<br>For dimmable<br>Retrofit-LEDs (LEDi) with conventional or<br>or electronic transformers.<br>For incandescent lamps, tungsten halogen lamps<br>230V and low-voltage halogen lamps with<br>conventional or electronic transformers and<br>dimmable energy-saving halogen lamps.<br>Mixed operation of LEDi with conventional loads<br>possible.<br>With manually adjustable operating mode:<br>trailing / leading edge control.<br>With adjustable minimum and maximum brightness.<br>Low-noise level by MOSFET transistors.<br>With short-circuit and overload protection<br>(electronic fuse).<br>Nominal voltage: 230 V~, +10%/-10%<br>Rated frequency: 50 Hz/60 Hz<br>Nominal power: 2 - 100 W/VA<br>(Leading edge control)<br>Nominal power: 2 - 400 W/VA<br>(Trailing edge control)<br>Protection class: IP 20<br>Operating temperature: 0 °C to 35 °C.<br>Take ~5% transformer loss into account<br>in case of electronic transformers. Take in account<br>~20% transformer loss for conventional<br>transformers. Only in conjunction with mounting<br>boxes according to Din 49073 Part 1.<br>Can be used in circuits with several switches. |                 |          |    | <b>Rotary dimmer DALI</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3294H-A00123 ..<br>For broadcast service (via central telegram).<br>For switching and dimming up to 37<br>DALI devices according to IEC 62386<br>(such as electronic ballasts and transformers<br>with DALI-interface).<br>With rotary knob and ON/OFF push operation.<br>Protection against incorrect polarity.<br>Brightness power-on level and background<br>brightness level adjustable, buffered.<br>With integrated LED illumination for orientation.<br>Up to 5 devices are connectable in parallel<br>in passive mode<br>Max. power consumption: 15 mA.<br>Not suitable for combining with other DALI sensors<br>or central units of other manufacturers.<br>For the generation of the DALI voltage a power<br>supply according to IEC 62386 is required;<br>e.g. from Tridonic, Philips,<br>Helvar or BJE, Art. No. 2117/11 U.<br>Max. DALI cable length:<br>300 m (diameter 1,5-2,5 mm <sup>2</sup> ).<br>Protection class: IP 20<br>Operating temperature: 0 °C to 35 °C   |                 |          |  |
|   | <b>6523 UR-103-500</b>  | 2CKA006512A0345 | 1        |   | <b>2117 U-500</b>  | 2CKA006599A2987 | 1        |  |
|  | <b>Rotary dimmer, DALI, TW</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3294H-A00123 ..<br>For broadcast service (via central telegram).<br>For switching and dimming up to 37 DALI devices<br>according to IEC 62386 (such as electronic ballasts<br>and transformers with DALI-interface).<br>With rotary knob and ON/OFF push operation.<br>Protection against incorrect polarity.<br>For changing the color temperature of lamps<br>"tunable white", which meet DALI Standard IEC<br>62386-209 (Device Type 8).<br>Color temperature can then be set between<br>2,700 K - 6,500 K.<br>Brightness power-on level and background<br>brightness level adjustable, buffered.<br>With integrated LED illumination for orientation.<br>Up to 5 devices are connectable<br>in parallel in passive mode.<br>Max. power consumption: 15 mA.<br>Not suitable for combining with other DALI sensors<br>or central units of other manufacturers.<br>For the generation of the DALI voltage a power<br>supply according to IEC 62386 is required; e.g. from<br>Tridonic, Philips, Helvar or BJE, Art. No. 2116/11 U.<br>Max. DALI cable length: 300 m<br>(diameter 1,5-2,5 mm <sup>2</sup> ).<br>Protection class: IP 20<br>Operating temperature: 0 °C to 35 °C   |                 |          |  | <b>Rotary dimmer, DALI, Power</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3294H-A00123 ..<br>For broadcast service (via central telegram).<br>With integrated DALI power adapter.<br>For switching and dimming up to 37<br>DALI devices according to IEC 62386<br>(such as electronic ballasts<br>and transformers with DALI-interface).<br>With rotary knob and ON/OFF push operation.<br>With short-circuit and overload protection<br>(electronic fuse).<br>Brightness power-on level and background<br>brightness level adjustable, buffered.<br>With integrated LED illumination for orientation.<br>Up to 5 devices are connectable in parallel<br>in passive mode<br>Connectable in parallel<br>up to 3 devices in active mode.<br>Not suitable for combining with other<br>DALI sensors or central units of other<br>manufacturers. Voltage DALI: 15.5 V =<br>Max. output current: 75 mA<br>Power consumption: < 2.5 W<br>Max. number of DALI-units:<br>- in the case of one active DALI potentiometer: 37<br>- in the case of 3 active DALI potentiometers<br>in parallel connection: 111<br>Active mode: the potentiometer supplies the power<br>to other DALI-devices and the control units.<br>Passive mode, without mains power:<br>a potentiometer in a DALI cable<br>is suitable as an additional control point.<br>Max. DALI cable length: 300 m<br>(diameter 1,5-2,5 mm <sup>2</sup> ).<br>Nominal voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class: IP 20<br>Operating temperature: 0 °C to 35 °C |                 |          |  |
|   | <b>2116 U</b>   | 2CKA006599A3025 | 1        |   | <b>2117/11 U-500</b>   | 2CKA006599A2988 | 1        |  |

# Levit®



## Dimmers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rotary dimmer DALI, Power, TW</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3294H-A00123 ..<br>For broadcast service (via central telegram).<br>With integrated DALI power adapter.<br>For switching and dimming up to 37 DALI devices according to IEC 62386 (such as electronic ballasts and transformers with DALI-interface).<br>With rotary knob and ON/OFF push operation.<br>For changing the color temperature of lamps "tunable white", which meet DALI Standard IEC 62386-209 (Device Type 8).<br>Color temperature can then be set between 2,700 K - 6,500 K.<br>With short-circuit and overload protection (electronic fuse).<br>Brightness power-on level and background brightness level adjustable, buffered.<br>With integrated LED illumination for orientation.<br>Up to 5 devices are connectable in parallel in passive mode.<br>Connectable in parallel up to 3 devices in active mode.<br>Not suitable for combining with other DALI sensors or central units of other manufacturers.<br>Voltage DALI: 15.5 V =<br>Max. output current: 75 mA<br>Power consumption: < 2.5 W<br>Max. number of DALI-units:<br>in the case of one active DALI potentiometer: 37<br>in the case of 3 active DALI potentiometers in parallel connection:<br>111 Active mode: the potentiometer supplies the necessary power to other DALI-devices and the control units.<br>Passive mode, without mains power:<br>a potentiometer in a DALI cable is suitable as an additional control point.<br>Max. DALI cable length: 300 m (diameter 1,5–2,5 mm <sup>2</sup> ).<br>Nominal voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Protection class: IP 20<br>Operating temperature: 0 °C to 35 °C |                 |          |
|   | <b>2116/11 U</b>   | 2CKA006599A3026 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Control element for touch dimmers</b><br>Busch-Jaeger dimmer inserts<br>for touch dimmers:<br>2CKA006590A0171<br>2CKA006512A0323<br>2CKA006550A0042 |                 |          |
| White/Ice white   | <b>3299H-A00100 01</b>   | 2CHH700100A4001 | 5        |
| White/White   | <b>3299H-A00100 03</b>   | 2CHH700100A4003 | 5        |
| Grey/White  | <b>3299H-A00100 16</b>   | 2CHH700100A4016 | 5        |
| Ivory/White   | <b>3299H-A00100 17</b>   | 2CHH700100A4017 | 5        |
| Macchiato/White   | <b>3299H-A00100 18</b>   | 2CHH700100A4018 | 5        |
| White/<br>Smoke black   | <b>3299H-A00100 62</b>   | 2CHH700100A4062 | 5        |
| Anthracite/<br>Smoke Black  | <b>3299H-A00100 63</b>   | 2CHH700100A4063 | 5        |
| Yellow/<br>Smoke black  | <b>3299H-A00100 64</b>   | 2CHH700100A4064 | 5        |
| Red/<br>Smoke black   | <b>3299H-A00100 65</b>   | 2CHH700100A4065 | 5        |
| Orange/<br>Smoke black  | <b>3299H-A00100 66</b>   | 2CHH700100A4066 | 5        |
| Green/<br>Smoke black   | <b>3299H-A00100 67</b>   | 2CHH700100A4067 | 5        |
| Pearl/<br>Ice White   | <b>3299H-A00100 68</b>   | 2CHH700100A4068 | 5        |
| Steel/<br>Smoke black   | <b>3299H-A00100 69</b>   | 2CHH700100A4069 | 5        |
| Silver/<br>Smoke black  | <b>3299H-A00100 70</b>   | 2CHH700100A4070 | 5        |





## Dimmers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Universal thermostat with rotary knob, 16A</b><br>Individual packaging for retail<br>Can be used for heating systems and for underfloor heating (gas, water, electricity)<br>Linear temperature setting (1 to 5 scale)<br>Indication of output status by two-color LED.<br>Two push buttons on the panel (with light indication):<br>- power On/Off<br>- manual temperature reduction<br>As room temperature controller:<br>- temperature range: +13 °C to +27 °C<br>- adjustable manual temperature reduction from 2 °C to 8 °C<br>- hysteresis: +/- 0,25 °C<br>As floor thermostat:<br>- external temperature sensor required (heated floor sensor), Art. No. 3292U-A90100<br>- temperature range +15 °C to +48 °C<br>- adjustable manual temperature reduction from 4 °C to 16 °C<br>- hysteresis: +/- 0,5 °C<br>Nominal current: 16 A<br>Nominal voltage: 230 V ~ |                 |          |
| White/Ice white   | <b>3292H-A00003 01W</b>  | 2CHH920003A6001 | 12       |
| White/White   | <b>3292H-A00003 03W</b>  | 2CHH920003A6003 | 12       |
| Grey/White  | <b>3292H-A00003 16W</b>  | 2CHH920003A6016 | 12       |
| Ivory/White   | <b>3292H-A00003 17W</b>  | 2CHH920003A6017 | 12       |
| Macchiato/White   | <b>3292H-A00003 18W</b>  | 2CHH920003A6018 | 12       |
| White/<br>Smoke black   | <b>3292H-A00003 62W</b>  | 2CHH920003A6062 | 12       |
| Anthracite/<br>Smoke Black  | <b>3292H-A00003 63W</b>  | 2CHH920003A6063 | 12       |
| Yellow/<br>Smoke black  | <b>3292H-A00003 64W</b>  | 2CHH920003A6064 | 12       |
| Red/<br>Smoke black   | <b>3292H-A00003 65W</b>  | 2CHH920003A6065 | 12       |
| Orange/<br>Smoke black  | <b>3292H-A00003 66W</b>  | 2CHH920003A6066 | 12       |
| Green/<br>Smoke black   | <b>3292H-A00003 67W</b>  | 2CHH920003A6067 | 12       |
| Pearl/<br>Ice White   | <b>3292H-A00003 68W</b>  | 2CHH920003A6068 | 12       |
| Steel/<br>Smoke black   | <b>3292H-A00003 69W</b>  | 2CHH920003A6069 | 12       |
| Silver/<br>Smoke black  | <b>3292H-A00003 70W</b>  | 2CHH920003A6070 | 12       |
|  | <b>Mech. switching unit insert for thermostats or timers</b><br>For Programmable universal thermostat (Art. No. 3292H-A10301 ..)<br>Optional connection of external temperature sensor Art. No. 3292U-A90100 for floor heating.<br>In the event of power failure the control unit display goes off.<br>Operating temperature: 0 °C to + 50 °C<br>Output: potential free NO relay contact with safety galvanic isolation<br>Nominal current: 16 A (cos φ = 1)<br>3-wire connection<br>Nominal voltage: 230 V ~  |                 |          |
|   | <b>3292U-A00003</b>  | 2CHU910003A4000 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Universal thermostat, control unit</b><br>For use only in conjunction with switching unit insert for thermostats or timers (Art. No. 3292U-A00003)<br>Option to choose regulation of room temperature or heated floor temperature, as well as combined<br>Regulated temperature: 0 °C to +50 °C<br>Operation mode: manual, automatic, holiday, 3 time programs (each 70 marks each – min. interval 5 min; days of week 1, 2..., 7, 1-5, 6-7, 1-7)<br>Prediction function<br>Software switch-off<br>Choice of heating or cooling mode<br>Min. and max. floor temperature<br>Limits for adjustable temperature<br>Temperature offset<br>Optional response to control by external contact<br>Anti-freeze protection<br>Valves protection<br>Inversion of output function<br>Operating hours counter<br>Automatic summer/winter time change<br>Push-buttons lock<br>Adaptive control<br>Display brightness and contrast adjustment<br>Temperature selection sensor<br>Language selection: Russian, English, Czech<br>Power reserve: approx. 90 days (rechargeable Li cell)<br>The display is lit only when supplied with 230 V ~<br>Operating temperature: 0 °C to +50 °C<br>Floor temperature sensor (Art. No. 3292U-A90100) must be ordered separately |                 |          |
| White/Ice white   | <b>3292H-A10301 01</b>  | 2CHH911031A4001 | 1        |
| White/White   | <b>3292H-A10301 03</b>  | 2CHH911031A4003 | 1        |
| Grey/White  | <b>3292H-A10301 16</b>  | 2CHH911031A4016 | 1        |
| Ivory/White   | <b>3292H-A10301 17</b>  | 2CHH911031A4017 | 1        |
| Macchiato/White   | <b>3292H-A10301 18</b>  | 2CHH911031A4018 | 1        |
| White/<br>Smoke black   | <b>3292H-A10301 62</b>  | 2CHH911031A4062 | 1        |
| Anthracite/<br>Smoke Black  | <b>3292H-A10301 63</b>  | 2CHH911031A4063 | 1        |
| Yellow/<br>Smoke black  | <b>3292H-A10301 64</b>  | 2CHH911031A4064 | 1        |
| Red/<br>Smoke black   | <b>3292H-A10301 65</b>  | 2CHH911031A4065 | 1        |
| Orange/<br>Smoke black  | <b>3292H-A10301 66</b>  | 2CHH911031A4066 | 1        |
| Green/<br>Smoke black   | <b>3292H-A10301 67</b>  | 2CHH911031A4067 | 1        |
| Pearl/<br>Ice White   | <b>3292H-A10301 68</b>  | 2CHH911031A4068 | 1        |
| Steel/<br>Smoke black   | <b>3292H-A10301 69</b>  | 2CHH911031A4069 | 1        |
| Silver/<br>Smoke black  | <b>3292H-A10301 70</b>  | 2CHH911031A4070 | 1        |


**Levit®**


## Thermostats

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <p><b>Floor heating temperature sensor</b><br/>           For universal thermostat with rotary knob and programmable thermostat<br/>           Sensor element: PTC thermistor,<br/>           Resistance: 2 kOhm at 25 °C<br/>           Cable: PVC, 4 m<br/>           Conductors: 2 × 0,352<br/>           Cable head: metal, Ø 6 × 18 mm<br/>           IP54</p>  |                 |          |
|   | <b>3292U-A90100</b>  | 2CHU919010A4000 | 1        |
|  | <p><b>Cover plate for thermostat</b><br/>           For insert: 2TKA00004033<br/>           If installing into a separate 1gang frame, please use the specialized frames with a 55 × 55 internal window (Art. No. 3901H-A05510 ..)<br/>           If installing into a multigang frame, use standard frames with the corresponding number of gangs (Art. No. 3901H-A050..) along with specialized cover plates with a 55 × 55 internal window (Art. No. 3901H-A00..55..): external or internal depending on the position of the insert in the frame.<br/>           Also available: 2gang frames with a 55 × 55 internal window (Art. No. 3901H-A05520 ..)</p> |                 |          |
| White   | <b>3299H-A40100 03</b>   | 2CHH704010A4003 | 5        |
| Grey  | <b>3299H-A40100 16</b>   | 2CHH704010A4016 | 5        |
| Ivory   | <b>3299H-A40100 17</b>   | 2CHH704010A4017 | 5        |
| Macchiato   | <b>3299H-A40100 18</b>   | 2CHH704010A4018 | 5        |
| Anthracite  | <b>3299H-A40100 64</b>   | 2CHH704010A4064 | 5        |
| Yellow  | <b>3299H-A40100 65</b>   | 2CHH704010A4065 | 5        |
| Red   | <b>3299H-A40100 66</b>   | 2CHH704010A4066 | 5        |
| Orange  | <b>3299H-A40100 67</b>   | 2CHH704010A4067 | 5        |
| Green   | <b>3299H-A40100 63</b>   | 2CHH704010A4063 | 5        |
| Pearl   | <b>3299H-A40100 68</b>   | 2CHH704010A4068 | 5        |
| Steel   | <b>3299H-A40100 69</b>   | 2CHH704010A4069 | 5        |
| Silver  | <b>3299H-A40100 70</b>   | 2CHH704010A4070 | 5        |


# Levit®

## Timers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Relay switch for timers</b><br>For programmable time switch (Art. No. 3292H-A20301 ..)<br>Option to connect voltage free contact for remote control.<br>In the event of power failure the control unit display goes off.<br>Operating temperature: 0 °C to + 50 °C<br>Output: with galvanic isolation dry relay contact<br>2,300 W for resistive load (AC-1),<br>750 W for incandescent lamps<br>350 V for ballast units with control 1-10 V (for example, incandescent lamps or LEDs)<br>3-wire connection<br>Nominal voltage: 230 V ~ |                 |          |
|   | <b>3292U-A00013</b>  | 2CHU910013A4000 | 1        |

|  |  |  |  |
|--|--|--|--|
|  | <b>Programmable timer</b><br>For use only in conjunction with relay switch (Art. No. 3292U-A00013)<br>Operation mode: manual, automatic, automatic Astro, timer, holiday, 3 time programs (70 time marks each – min. interval 5 min; days of week 1, 2..., 7, 1-5, 6-7, 1-7)<br>Software switch-off<br>Astro function (geographic coordinates, time zone, sunrise and sunset adjustment)<br>Optional response to control by external contact<br>Inversion of output function<br>Operating hours counter<br>Automatic winter/summer time change<br>Room temperature indication<br>Push-buttons lock<br>Display brightness and contrast adjustment<br>Language selection: Russian, English, Czech<br>Power reserve: approx. 90 days (rechargeable Li cell)<br>The display is lit only when supplied with 230 V ~<br>Operating temperature: 0 °C to + 50 °C |  |  |
|--|--|--|--|

|                        |                        |                 |   |
|------------------------|------------------------|-----------------|---|
| White/Ice white        | <b>3292H-A20301 01</b> | 2CHH912031A4001 | 1 |
| White/White            | <b>3292H-A20301 03</b> | 2CHH912031A4003 | 1 |
| Grey/White             | <b>3292H-A20301 16</b> | 2CHH912031A4016 | 1 |
| Ivory/White            | <b>3292H-A20301 17</b> | 2CHH912031A4017 | 1 |
| Macchiato/White        | <b>3292H-A20301 18</b> | 2CHH912031A4018 | 1 |
| White/Smoke black      | <b>3292H-A20301 62</b> | 2CHH912031A4062 | 1 |
| Anthracite/Smoke Black | <b>3292H-A20301 64</b> | 2CHH912031A4064 | 1 |
| Yellow/Smoke black     | <b>3292H-A20301 65</b> | 2CHH912031A4065 | 1 |
| Red/Smoke black        | <b>3292H-A20301 66</b> | 2CHH912031A4066 | 1 |
| Orange/Smoke black     | <b>3292H-A20301 67</b> | 2CHH912031A4067 | 1 |
| Green/Smoke black      | <b>3292H-A20301 63</b> | 2CHH912031A4063 | 1 |
| Pearl/Ice White        | <b>3292H-A20301 68</b> | 2CHH912031A4068 | 1 |
| Steel/Smoke black      | <b>3292H-A20301 69</b> | 2CHH912031A4069 | 1 |
| Silver/Smoke black     | <b>3292H-A20301 70</b> | 2CHH912031A4070 | 1 |




| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Short-time timer insert</b><br>Busch-Jaeger insert<br>Countdown timer<br>For use with Levit cover plate Art. No. 3299H-A40100 ..<br>For time-programmed switching off of electrical consumers.<br>With push-buttons.<br>Min. switch-off delay: 1 second<br>Max. switch-off delay: 9:59:59 hours<br>Nominal voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Outputs: 1 Normally open contact<br>Nominal current: 10 A / cos φ 1<br>Nominal power: 2300 VA<br>Operating temperature: 0 °C to 35 °C |                 |          |
|   | <b>6465 U-101-500</b>   | 2CKA006410A0393 | 1        |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>CO<sub>2</sub> Busch Raumluftsensor® room sensor</b><br>Busch-Jaeger insert<br>For controlling the incoming fresh air in rooms by means of opening or switching of windows/fans.<br>For use with Levit cover plate Art. No. 3299H-A40100 ..<br>With display for carbon dioxide, humidity, temperature and air pressure.<br>Setting values: carbon dioxide 800 ppm ... 1500 ppm, humidity 40% – 95%.<br>With two zero-potential relay contacts.<br>Nominal voltage: 230 V~<br>Nominal current 6 A cos φ = 1<br>Without claw fixation |                 |   |
|  | <b>1091 U-500</b>  | 2CKA001032A0518 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Cover plate for Short-time timer / CO<sub>2</sub> sensor</b><br>For Busch-Jaeger inserts:<br>- Comfort timer control element<br>2CKA006410A0399<br>- Short-time timer insert<br>2CKA006410A0393<br>- CO <sub>2</sub> Busch Raumluftsensor® room sensor<br>2CKA001032A0518<br>If installing into a separate 1gang frame, please use the specialized frames with a 55×55 internal window (Art. No. 3901H-A05510 ..)<br>If installing into a multigang frame, use standard frames with the corresponding number of gangs (Art. No. 3901H-A050..) along with specialized cover plates with internal window 55×55 (Art. No. 3901H-A00..55..): external or internal depending on the position of the insert in the frame.<br>Also available: 2gang frames with a 55×55 internal window (Art. No. 3901H-A05520 ..) |                 |   |
| White   | <b>3299H-A40100 03</b>   | 2CHH704010A4003 | 5 |
| Grey  | <b>3299H-A40100 16</b>   | 2CHH704010A4016 | 5 |
| Ivory   | <b>3299H-A40100 17</b>   | 2CHH704010A4017 | 5 |
| Macchiato   | <b>3299H-A40100 18</b>   | 2CHH704010A4018 | 5 |
| Anthracite  | <b>3299H-A40100 63</b>   | 2CHH704010A4063 | 5 |
| Yellow  | <b>3299H-A40100 64</b>   | 2CHH704010A4064 | 5 |
| Red   | <b>3299H-A40100 65</b>   | 2CHH704010A4065 | 5 |
| Orange  | <b>3299H-A40100 66</b>   | 2CHH704010A4066 | 5 |
| Green   | <b>3299H-A40100 67</b>   | 2CHH704010A4067 | 5 |
| Pearl   | <b>3299H-A40100 68</b>   | 2CHH704010A4068 | 5 |
| Steel   | <b>3299H-A40100 69</b>   | 2CHH704010A4069 | 5 |
| Silver  | <b>3299H-A40100 70</b>   | 2CHH704010A4070 | 5 |



## Movement detectors

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Relay switch for movement detector insert</b><br>For motion detectors Art. No. 3299H-A02182 ..<br>Operating temperature: -10 °C to +55 °C<br>2,300 V for incandescent lamps, 1,750 V for low-voltage halogen lamps with conventional or electronic transformers.<br>500 VA / 64 mFd for fluorescent lamps<br>3-wire connection<br>Nominal voltage: 230 V ~   |                 |          |
|   | <b>3299U-A00006</b>   | 2CHU700006A4000 | 1        |
|    | <b>2-channel relay switch for movement detector</b><br>For motion detectors Art. No. 3299H-A02182 ..<br>Contact 2 is closed approx.<br>3 min after contact<br>1 is closed when movement is detected<br>Contact 2 opens approx.<br>5 min after contact 1 is opened<br>Operating temperature: -10 °C to +55 °C<br>Nominal current: 3 A (cos φ > 0.8)<br>For compact fluorescent lamps (energy saving lamps) and LED lights<br>4-wire connection<br>Nominal voltage: 230 V ~ |                 |          |
|   | <b>3299U-A00007</b>   | 2CHU700007A4000 | 1        |
|  | <b>TRIAC movement detector insert</b><br>For motion detectors Art. No. 3299H-A02182 ..<br>Brightness is dimmed 5 seconds before switch-off<br>(only when switch-off delay is set to > 30 seconds)<br>Operating temperature: -10 °C to +55 °C<br>40 – 300 W for incandescent lamps<br>No parallel connection possible<br>2-wire connection<br>Nominal voltage: 230 V ~   |                 |          |
|   | <b>3299U-A00001</b>   | 2CHU700001A4000 | 1        |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Movement detector</b><br>For the following inserts:<br>- relay switch for motion detector<br>2CHU700006A4000<br>- 2-channel relay switch for motion detector<br>2CHU700007A4000<br>- TRIAC for motion detector<br>2CHU700001A4000<br><br>Detection range: 180°<br>Adjustable setting on the back of the cover panel: illuminance (1-1000 Lx), sensitivity, switch-off delay (5 seconds - 10 minutes, or 15/30/45/60 minutes after pressing in-built button) |                 |          |
| White/Ice white   | <b>3299H-A02182 01</b>   | 2CHH702182A4001 | 1        |
| White/White   | <b>3299H-A02182 03</b>   | 2CHH702182A4003 | 1        |
| Grey/White  | <b>3299H-A02182 16</b>   | 2CHH702182A4016 | 1        |
| Ivory/White   | <b>3299H-A02182 17</b>   | 2CHH702182A4017 | 1        |
| Macchiato/White   | <b>3299H-A02182 18</b>   | 2CHH702182A4018 | 1        |
| White/Smoke black   | <b>3299H-A02182 62</b>   | 2CHH702182A4062 | 1        |
| Anthracite/Smoke Black  | <b>3299H-A02182 63</b>   | 2CHH702182A4063 | 1        |
| Yellow/Smoke black  | <b>3299H-A02182 64</b>   | 2CHH702182A4064 | 1        |
| Red/Smoke black   | <b>3299H-A02182 65</b>   | 2CHH702182A4065 | 1        |
| Orange/Smoke black  | <b>3299H-A02182 66</b>   | 2CHH702182A4066 | 1        |
| Green/Smoke black   | <b>3299H-A02182 67</b>   | 2CHH702182A4067 | 1        |
| Pearl/Ice White   | <b>3299H-A02182 68</b>   | 2CHH702182A4068 | 1        |
| Steel/Smoke black   | <b>3299H-A02182 69</b>   | 2CHH702182A4069 | 1        |
| Silver/Smoke black  | <b>3299H-A02182 70</b>   | 2CHH702182A4070 | 1        |






## Blind control elements

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blind switch with locking keys</b><br>Individual packaging for retail<br>With mechanical button interlock<br>Nominal voltage: 250 V ~<br>Nominal current: 10 AX<br>Screwless terminals |                 |          |
| White/Ice white   | <b>3559H-A89445 01W</b>   | 2CHH598945A6001 | 15       |
| White/White   | <b>3559H-A89445 03W</b>   | 2CHH598945A6003 | 15       |
| Grey/White  | <b>3559H-A89445 16W</b>   | 2CHH598945A6016 | 15       |
| Ivory/White   | <b>3559H-A89445 17W</b>   | 2CHH598945A6017 | 15       |
| Macchiato/White   | <b>3559H-A89445 18W</b>   | 2CHH598945A6018 | 15       |
| White/<br>Smoke black   | <b>3559H-A89445 62W</b>   | 2CHH598945A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3559H-A89445 63W</b>   | 2CHH598945A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3559H-A89445 64W</b>   | 2CHH598945A6064 | 15       |
| Red/<br>Smoke black   | <b>3559H-A89445 65W</b>   | 2CHH598945A6065 | 15       |
| Orange/<br>Smoke black  | <b>3559H-A89445 66W</b>   | 2CHH598945A6066 | 15       |
| Green/<br>Smoke black   | <b>3559H-A89445 67W</b>   | 2CHH598945A6067 | 15       |
| Pearl/<br>Ice White   | <b>3559H-A89445 68W</b>   | 2CHH598945A6068 | 15       |
| Steel/<br>Smoke black   | <b>3559H-A89445 69W</b>   | 2CHH598945A6069 | 15       |
| Silver/<br>Smoke black  | <b>3559H-A89445 70W</b>   | 2CHH598945A6070 | 15       |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Busch-Jalousiecontrol® II insert</b><br>Busch-Jaeger insert<br>Compatible with Levit cover plates<br>Art. No. 3299H-A00110 ..<br>Suitable for actuators of blinds, roller shutters<br>and awning with mechanical or electronic<br>limit switch. Two additional 230V extension inputs<br>for group/central control using the operation mode<br>switch:<br>Normal operation, Louvre positioning,<br>Central control, Blind position<br>programming Party function (disables the control<br>unit in conjunction with the Busch-Jalousiecontrol®<br>II blind control element<br>Switch-off delay: 3 minutes<br>Nominal voltage: 250 V ~, +10% / -10%<br>Rated frequency: 50 Hz<br>Outputs: 2 NO contacts<br>Nominal current: 3 A / cos φ 0.5<br>Nominal power: 690 VA<br>Control and signal outputs: 2<br>Operating temperature: 0 °C to 35 °C |                 |   |
|   | <b>6411 U-500-101</b>   | 2CKA006410A0378 | 1 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blind switch without locking keys</b><br>Individual packaging for retail<br>With mechanical button interlock<br>Nominal voltage: 250 V ~<br>Nominal current: 10 A<br>Screwless terminals |                 |          |
| White/Ice white   | <b>3559H-A88445 01W</b>   | 2CHH598845A6001 | 15       |
| White/White   | <b>3559H-A88445 03W</b>   | 2CHH598845A6003 | 15       |
| Grey/White  | <b>3559H-A88445 16W</b>   | 2CHH598845A6016 | 15       |
| Ivory/White   | <b>3559H-A88445 17W</b>   | 2CHH598845A6017 | 15       |
| Macchiato/White   | <b>3559H-A88445 18W</b>   | 2CHH598845A6018 | 15       |
| White/<br>Smoke black   | <b>3559H-A88445 62W</b>   | 2CHH598845A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3559H-A88445 63W</b>   | 2CHH598845A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3559H-A88445 64W</b>   | 2CHH598845A6064 | 15       |
| Red/<br>Smoke black   | <b>3559H-A88445 65W</b>   | 2CHH598845A6065 | 15       |
| Orange/<br>Smoke black  | <b>3559H-A88445 66W</b>   | 2CHH598845A6066 | 15       |
| Green/<br>Smoke black   | <b>3559H-A88445 67W</b>   | 2CHH598845A6067 | 15       |
| Pearl/<br>Ice White   | <b>3559H-A88445 68W</b>   | 2CHH598845A6068 | 15       |
| Steel/<br>Smoke black   | <b>3559H-A88445 69W</b>   | 2CHH598845A6069 | 15       |
| Silver/<br>Smoke black  | <b>3559H-A88445 70W</b>   | 2CHH598845A6070 | 15       |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Busch-Jalousiecontrol® II control element</b><br>For Busch-Jalousiecontrol® II insert<br>2CKA006410A0378 |                 |   |
| White/Ice white   | <b>3299H-A00110 01</b>  | 2CHH700110A4001 | 1 |
| White/White   | <b>3299H-A00110 03</b>  | 2CHH700110A4003 | 1 |
| Grey/White  | <b>3299H-A00110 16</b>  | 2CHH700110A4016 | 1 |
| Ivory/White   | <b>3299H-A00110 17</b>  | 2CHH700110A4017 | 1 |
| Macchiato/White   | <b>3299H-A00110 18</b>  | 2CHH700110A4018 | 1 |
| White/<br>Smoke black   | <b>3299H-A00110 62</b>  | 2CHH700110A4062 | 1 |
| Anthracite/<br>Smoke Black  | <b>3299H-A00110 63</b>  | 2CHH700110A4063 | 1 |
| Yellow/<br>Smoke black  | <b>3299H-A00110 64</b>  | 2CHH700110A4064 | 1 |
| Red/<br>Smoke black   | <b>3299H-A00110 65</b>  | 2CHH700110A4065 | 1 |
| Orange/<br>Smoke black  | <b>3299H-A00110 66</b>  | 2CHH700110A4066 | 1 |
| Green/<br>Smoke black   | <b>3299H-A00110 67</b>  | 2CHH700110A4067 | 1 |
| Pearl/<br>Ice White   | <b>3299H-A00110 68</b>  | 2CHH700110A4068 | 1 |
| Steel/<br>Smoke black   | <b>3299H-A00110 69</b>  | 2CHH700110A4069 | 1 |
| Silver/<br>Smoke black  | <b>3299H-A00110 70</b>  | 2CHH700110A4070 | 1 |

**Levit®**


## Blind control elements


| Product   | Article-No.         | Order-No.       | Pack/Qty |
|---|---------------------|-----------------|----------|
|  <p><b>Comfort timer control element</b><br/>           Busch-Jaeger insert<br/>           Compatible with Levit cover plates<br/>           Art. No. 3299H-A40100 ..<br/>           For Busch-Jalousiecontrol® II blind control inserts<br/>           For manual and programmable control of blinds, roller blinds, awnings, lights, and electrical loads with Astro program.<br/>           Individual setting of astronomical time and astronomical time of switch-off. At any moment: manual control of dimming / brightness possible. Simple settings on a highresolution display with light. Switching time / date / time are pre-set. Factory settings of switch-on time, can be individually adjusted. Automatic summer / winter time change. Time and date stored: &gt; 10 years. Simple mode selection: manual / automatic / holiday.<br/>           In combination with a Busch-Jalousiecontrol® II blind control insert, sun protection and twilight functions are available. User-adjustable sun protection function depending on temperature and brightness. User-adjustable twilight function. User-adjustable shading and air ventilation time. Up to 6 adjustable switching times can be used for each day of the week. Can be combined: astronomical and standard times for switch-on. Operating temperature: 0 °C to 35 °C</p> | <b>6455-101-500</b> | 2CKA006410A0399 | 1        |


| Product  | Article-No.            | Order-No.       | Pack/Qty |
|--|------------------------|-----------------|----------|
|  <p><b>Cover plate for comfort timer control element, count-down timer and CO<sub>2</sub> sensor.</b><br/>           For Busch-Jaeger inserts:<br/>           - Comfort timer control element<br/>           2CKA006410A0399<br/>           - Countdown timer<br/>           2CKA006410A0393<br/>           - CO<sub>2</sub> room sensor<br/>           2CKA001032A0518</p> <p>If installing into a separate 1gang frame, please use the specialized frames with a 55 × 55 internal window (Art. No. 3901H-A05510 ..)<br/>           If installing into a multigang frame, use standard frames with the corresponding number of gangs (Art. No. 3901H-A050..) along with specialized cover plates with internal window 55 × 55 (Art. No. 3901H-A00..55.): external or internal depending on the position of the insert in the frame. Also available: 2gang frames with a 55 × 55 internal window (Art. No. 3901H-A05520 ..)</p> |                        |                 |          |
| White  | <b>3299H-A40100 03</b> | 2CHH704010A4003 | 1        |
| Grey   | <b>3299H-A40100 16</b> | 2CHH704010A4016 | 1        |
| Ivory  | <b>3299H-A40100 17</b> | 2CHH704010A4017 | 1        |
| Macchiato  | <b>3299H-A40100 18</b> | 2CHH704010A4018 | 1        |
| Anthracite   | <b>3299H-A40100 63</b> | 2CHH704010A4063 | 1        |
| Yellow   | <b>3299H-A40100 64</b> | 2CHH704010A4064 | 1        |
| Red  | <b>3299H-A40100 65</b> | 2CHH704010A4065 | 1        |
| Orange   | <b>3299H-A40100 66</b> | 2CHH704010A4066 | 1        |
| Green  | <b>3299H-A40100 67</b> | 2CHH704010A4067 | 1        |
| Pearl  | <b>3299H-A40100 68</b> | 2CHH704010A4068 | 1        |
| Steel  | <b>3299H-A40100 69</b> | 2CHH704010A4069 | 1        |
| Silver   | <b>3299H-A40100 70</b> | 2CHH704010A4070 | 1        |



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## Illumination

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>LED illumination insert</b><br>Built-in depth: 25 mm<br>Screw-type terminals.<br>Nominal current: 10 mA<br>Nominal voltage: 230 V ~ |                 |          |
| White   | <b>3917U-A00050</b>  | 2CHU640050A4000 | 1        |
| Blue  | <b>3917U-A00051</b>  | 2CHU640051A4000 | 1        |
| Green   | <b>3917U-A00052</b>  | 2CHU640052A4000 | 1        |
| Red   | <b>3917U-A00053</b>  | 2CHU640053A4000 | 1        |

| Product   | Article-No.                         | Order-No.       | Pack/Qty |
|---|-------------------------------------|-----------------|----------|
|  | <b>LED illumination cover plate</b> |                 |          |
| White   | <b>5016H-A00070 03</b>              | 2CHH660070A4003 | 5        |
| Grey  | <b>5016H-A00070 16</b>              | 2CHH660070A4016 | 5        |
| Ivory   | <b>5016H-A00070 17</b>              | 2CHH660070A4017 | 5        |
| Macchiato   | <b>5016H-A00070 18</b>              | 2CHH660070A4018 | 5        |
| Anthracite  | <b>5016H-A00070 63</b>              | 2CHH660070A4063 | 5        |
| Yellow  | <b>5016H-A00070 64</b>              | 2CHH660070A4064 | 5        |
| Red   | <b>5016H-A00070 65</b>              | 2CHH660070A4065 | 5        |
| Orange  | <b>5016H-A00070 66</b>              | 2CHH660070A4066 | 5        |
| Green   | <b>5016H-A00070 67</b>              | 2CHH660070A4067 | 5        |
| Pearl   | <b>5016H-A00070 68</b>              | 2CHH660070A4068 | 5        |
| Steel   | <b>5016H-A00070 69</b>              | 2CHH660070A4069 | 5        |
| Silver  | <b>5016H-A00070 70</b>              | 2CHH660070A4070 | 5        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Lighting insert LED, 0.5 mA</b><br>To provide orientation light for button switches and push-switches in the Levit range<br>The LED collar is red<br>Nominal current: 0.5 mA<br>Nominal voltage: 230 V ~ |                 |          |
| White   | <b>3916-05444</b>   | 2CHU165444C4000 | 10       |
| Blue  | <b>3916-05445</b>   | 2CHU165445C4000 | 10       |
| Red   | <b>3916-05443</b>   | 2CHU165443A4000 | 10       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Lighting insert LED, 1 mA</b><br>To provide control light for button switches and push-switches in the Levit range<br>The LED collar is yellow<br>Nominal current: 0.5 mA<br>Nominal voltage: 230 V ~ |                 |          |
| White   | <b>3916-10444</b>  | 2CHU161444C4000 | 10       |


| Product  | Article-No.   | Order-No. | Pack/Qty |
|--|---|-----------|----------|
|  | <b>Blind cover</b><br>For communication insert mounting plates (Art. No. 5014H-A01018 ..) |           |          |
| Grey   | <b>1116412-3</b>  | 1116412-3 | 25       |


# Levit®

## Frames and blind covers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blind cover</b><br>Individual packaging for retail |                 |          |
| White   | <b>3902H-A00001 03W</b>                               | 2CHH050001A6003 | 50       |
| Grey  | <b>3902H-A00001 16W</b>                               | 2CHH050001A6016 | 50       |
| Ivory   | <b>3902H-A00001 17W</b>                               | 2CHH050001A6017 | 50       |
| Macchiato   | <b>3902H-A00001 18W</b>                               | 2CHH050001A6018 | 50       |
| Anthracite  | <b>3902H-A00001 63W</b>                               | 2CHH050001A6063 | 50       |
| Yellow  | <b>3902H-A00001 64W</b>                               | 2CHH050001A6064 | 50       |
| Red   | <b>3902H-A00001 65W</b>                               | 2CHH050001A6065 | 50       |
| Orange  | <b>3902H-A00001 66W</b>                               | 2CHH050001A6066 | 50       |
| Green   | <b>3902H-A00001 67W</b>                               | 2CHH050001A6067 | 50       |
| Pearl   | <b>3902H-A00001 68W</b>                               | 2CHH050001A6068 | 50       |
| Steel   | <b>3902H-A00001 69W</b>                               | 2CHH050001A6069 | 50       |
| Silver  | <b>3902H-A00001 70W</b>                               | 2CHH050001A6070 | 50       |

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>2gang frame</b><br>Individual packaging for retail<br>For horizontal or vertical mounting |                 |          |
| White/Ice white  | <b>3901H-A05020 01W</b>  | 2CHH015020A6001 | 30       |
| White/White  | <b>3901H-A05020 03W</b>  | 2CHH015020A6003 | 30       |
| Grey/White   | <b>3901H-A05020 16W</b>  | 2CHH015020A6016 | 30       |
| Ivory/White  | <b>3901H-A05020 17W</b>  | 2CHH015020A6017 | 30       |
| Macchiato/White  | <b>3901H-A05020 18W</b>  | 2CHH015020A6018 | 30       |
| White/<br>Smoke black  | <b>3901H-A05020 62W</b>  | 2CHH015020A6062 | 30       |
| Anthracite/<br>Smoke Black   | <b>3901H-A05020 63W</b>  | 2CHH015020A6063 | 30       |
| Yellow/<br>Smoke black   | <b>3901H-A05020 64W</b>  | 2CHH015020A6064 | 30       |
| Red/<br>Smoke black  | <b>3901H-A05020 65W</b>  | 2CHH015020A6065 | 30       |
| Orange/<br>Smoke black   | <b>3901H-A05020 66W</b>  | 2CHH015020A6066 | 30       |
| Green/<br>Smoke black  | <b>3901H-A05020 67W</b>  | 2CHH015020A6067 | 30       |
| Pearl/<br>Ice White  | <b>3901H-A05020 68W</b>  | 2CHH015020A6068 | 30       |
| Steel/<br>Smoke black  | <b>3901H-A05020 69W</b>  | 2CHH015020A6069 | 30       |
| Silver/<br>Smoke black   | <b>3901H-A05020 70W</b>  | 2CHH015020A6070 | 30       |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>1gang frame</b><br>Individual packaging for retail |                 |          |
| White/Ice white   | <b>3901H-A05010 01W</b>                               | 2CHH015010A6001 | 30       |
| White/White   | <b>3901H-A05010 03W</b>                               | 2CHH015010A6003 | 30       |
| Grey/White  | <b>3901H-A05010 16W</b>                               | 2CHH015010A6016 | 30       |
| Ivory/White   | <b>3901H-A05010 17W</b>                               | 2CHH015010A6017 | 30       |
| Macchiato/White   | <b>3901H-A05010 18W</b>                               | 2CHH015010A6018 | 30       |
| White/<br>Smoke black   | <b>3901H-A05010 62W</b>                               | 2CHH015010A6062 | 30       |
| Anthracite/<br>Smoke Black  | <b>3901H-A05010 63W</b>                               | 2CHH015010A6063 | 30       |
| Yellow/<br>Smoke black  | <b>3901H-A05010 64W</b>                               | 2CHH015010A6064 | 30       |
| Red/<br>Smoke black   | <b>3901H-A05010 65W</b>                               | 2CHH015010A6065 | 30       |
| Orange/<br>Smoke black  | <b>3901H-A05010 66W</b>                               | 2CHH015010A6066 | 30       |
| Green/<br>Smoke black   | <b>3901H-A05010 67W</b>                               | 2CHH015010A6067 | 30       |
| Pearl/<br>Ice White   | <b>3901H-A05010 68W</b>                               | 2CHH015010A6068 | 30       |
| Steel/<br>Smoke black   | <b>3901H-A05010 69W</b>                               | 2CHH015010A6069 | 30       |
| Silver/<br>Smoke black  | <b>3901H-A05010 70W</b>                               | 2CHH015010A6070 | 30       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>3gang frame</b><br>Individual packaging for retail<br>For horizontal or vertical mounting |                 |          |
| White/Ice white   | <b>3901H-A05030 01W</b>  | 2CHH015030A6001 | 15       |
| White/White   | <b>3901H-A05030 03W</b>  | 2CHH015030A6003 | 15       |
| Grey/White  | <b>3901H-A05030 16W</b>  | 2CHH015030A6016 | 15       |
| Ivory/White   | <b>3901H-A05030 17W</b>  | 2CHH015030A6017 | 15       |
| Macchiato/White   | <b>3901H-A05030 18W</b>  | 2CHH015030A6018 | 15       |
| White/<br>Smoke black   | <b>3901H-A05030 62W</b>  | 2CHH015030A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3901H-A05030 63W</b>  | 2CHH015030A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3901H-A05030 64W</b>  | 2CHH015030A6064 | 15       |
| Red/<br>Smoke black   | <b>3901H-A05030 65W</b>  | 2CHH015030A6065 | 15       |
| Orange/<br>Smoke black  | <b>3901H-A05030 66W</b>  | 2CHH015030A6066 | 15       |
| Green/<br>Smoke black   | <b>3901H-A05030 67W</b>  | 2CHH015030A6067 | 15       |
| Pearl/<br>Ice White   | <b>3901H-A05030 68W</b>  | 2CHH015030A6068 | 15       |
| Steel/<br>Smoke black   | <b>3901H-A05030 69W</b>  | 2CHH015030A6069 | 15       |
| Silver/<br>Smoke black  | <b>3901H-A05030 70W</b>  | 2CHH015030A6070 | 15       |


# Levit®

## Frames and blind covers

| Product   | Article-No.             | Order-No.       | Pack/Qty |
|---|-------------------------|-----------------|----------|
|  <p><b>4gang frame</b><br/>Individual packaging for retail<br/>For horizontal or vertical mounting</p> |                         |                 |          |
| White/Ice white   | <b>3901H-A05040 01W</b> | 2CHH015040A6001 | 15       |
| White/White   | <b>3901H-A05040 03W</b> | 2CHH015040A6003 | 15       |
| Grey/White  | <b>3901H-A05040 16W</b> | 2CHH015040A6016 | 15       |
| Ivory/White   | <b>3901H-A05040 17W</b> | 2CHH015040A6017 | 15       |
| Macchiato/White   | <b>3901H-A05040 18W</b> | 2CHH015040A6018 | 15       |
| White/<br>Smoke black   | <b>3901H-A05040 62W</b> | 2CHH015040A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3901H-A05040 63W</b> | 2CHH015040A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3901H-A05040 64W</b> | 2CHH015040A6064 | 15       |
| Red/<br>Smoke black   | <b>3901H-A05040 65W</b> | 2CHH015040A6065 | 15       |
| Orange/<br>Smoke black  | <b>3901H-A05040 66W</b> | 2CHH015040A6066 | 15       |
| Green/<br>Smoke black   | <b>3901H-A05040 67W</b> | 2CHH015040A6067 | 15       |
| Pearl/<br>Ice White   | <b>3901H-A05040 68W</b> | 2CHH015040A6068 | 15       |
| Steel/<br>Smoke black   | <b>3901H-A05040 69W</b> | 2CHH015040A6069 | 15       |
| Silver/<br>Smoke black  | <b>3901H-A05040 70W</b> | 2CHH015040A6070 | 15       |


|  |                        |                 |    |
|--|------------------------|-----------------|----|
|  <p><b>1gang frame, 55x55</b><br/>Only for the following<br/>Busch-Jaeger inserts:<br/>- Short-time timer or comfort timer control element<br/>- CO<sub>2</sub> room sensor<br/>- Busch Btconnect Radio<br/>- Busch-DigitalRadio<br/>- Busch iNet Radio<br/>- Loudspeaker<br/>Standard Levit frames with internal window 50x50<br/>are not compatible with the inserts listed above</p> |                        |                 |    |
| White/Ice white  | <b>3901H-A05510 01</b> | 2CHH015510A4001 | 20 |
| White/White  | <b>3901H-A05510 03</b> | 2CHH015510A4003 | 20 |
| Grey/White   | <b>3901H-A05510 16</b> | 2CHH015510A4016 | 20 |
| Ivory/White  | <b>3901H-A05510 17</b> | 2CHH015510A4017 | 20 |
| Macchiato/White  | <b>3901H-A05510 18</b> | 2CHH015510A4018 | 20 |
| White/<br>Smoke black  | <b>3901H-A05510 62</b> | 2CHH015510A4062 | 20 |
| Anthracite/<br>Smoke Black   | <b>3901H-A05510 63</b> | 2CHH015510A4063 | 20 |
| Yellow/<br>Smoke black   | <b>3901H-A05510 64</b> | 2CHH015510A4064 | 20 |
| Red/<br>Smoke black  | <b>3901H-A05510 65</b> | 2CHH015510A4065 | 20 |
| Orange/<br>Smoke black   | <b>3901H-A05510 66</b> | 2CHH015510A4066 | 20 |
| Green/<br>Smoke black  | <b>3901H-A05510 67</b> | 2CHH015510A4067 | 20 |
| Pearl/<br>Ice White  | <b>3901H-A05510 68</b> | 2CHH015510A4068 | 20 |
| Steel/<br>Smoke black  | <b>3901H-A05510 69</b> | 2CHH015510A4069 | 20 |
| Silver/<br>Smoke black   | <b>3901H-A05510 70</b> | 2CHH015510A4070 | 20 |


| Product   | Article-No.             | Order-No.       | Pack/Qty |
|---|-------------------------|-----------------|----------|
|  <p><b>5gang frame</b><br/>Individual packaging for retail<br/>For horizontal or vertical mounting</p> |                         |                 |          |
| White/Ice white   | <b>3901H-A05050 01W</b> | 2CHH015050A6001 | 15       |
| White/White   | <b>3901H-A05050 03W</b> | 2CHH015050A6003 | 15       |
| Grey/White  | <b>3901H-A05050 16W</b> | 2CHH015050A6016 | 15       |
| Ivory/White   | <b>3901H-A05050 17W</b> | 2CHH015050A6017 | 15       |
| Macchiato/White   | <b>3901H-A05050 18W</b> | 2CHH015050A6018 | 15       |
| White/<br>Smoke black   | <b>3901H-A05050 62W</b> | 2CHH015050A6062 | 15       |
| Anthracite/<br>Smoke Black  | <b>3901H-A05050 63W</b> | 2CHH015050A6063 | 15       |
| Yellow/<br>Smoke black  | <b>3901H-A05050 64W</b> | 2CHH015050A6064 | 15       |
| Red/<br>Smoke black   | <b>3901H-A05050 65W</b> | 2CHH015050A6065 | 15       |
| Orange/<br>Smoke black  | <b>3901H-A05050 66W</b> | 2CHH015050A6066 | 15       |
| Green/<br>Smoke black   | <b>3901H-A05050 67W</b> | 2CHH015050A6067 | 15       |
| Pearl/<br>Ice White   | <b>3901H-A05050 68W</b> | 2CHH015050A6068 | 15       |
| Steel/<br>Smoke black   | <b>3901H-A05050 69W</b> | 2CHH015050A6069 | 15       |
| Silver/<br>Smoke black  | <b>3901H-A05050 70W</b> | 2CHH015050A6070 | 15       |

|   |                        |                 |    |
|---|------------------------|-----------------|----|
|  <p><b>2gang frame, 55x55</b><br/>For use when<br/>two Busch-Jaeger inserts (any of the following)<br/>need to be installed in a 2gang frame:<br/>- Short-time timer or comfort timer control element<br/>- CO<sub>2</sub> room sensor<br/>- Busch Btconnect Radio<br/>- Busch-DigitalRadio<br/>- Busch iNet Radio<br/>- Loudspeaker<br/>Standard Levit frames with internal window 50x50<br/>are not compatible with the inserts listed above</p> |                        |                 |    |
| White/Ice white   | <b>3901H-A05520 01</b> | 2CHH015520A4001 | 10 |
| White/White   | <b>3901H-A05520 03</b> | 2CHH015520A4003 | 10 |
| Grey/White  | <b>3901H-A05520 16</b> | 2CHH015520A4016 | 10 |
| Ivory/White   | <b>3901H-A05520 17</b> | 2CHH015520A4017 | 10 |
| Macchiato/White   | <b>3901H-A05520 18</b> | 2CHH015520A4018 | 10 |
| White/<br>Smoke black   | <b>3901H-A05520 62</b> | 2CHH015520A4062 | 10 |
| Anthracite/<br>Smoke Black  | <b>3901H-A05520 63</b> | 2CHH015520A4063 | 10 |
| Pearl/<br>Ice White   | <b>3901H-A05520 68</b> | 2CHH015520A4068 | 10 |
| Steel/<br>Smoke black   | <b>3901H-A05520 69</b> | 2CHH015520A4069 | 10 |
| Silver/<br>Smoke black  | <b>3901H-A05520 70</b> | 2CHH015520A4070 | 10 |

## Levit®

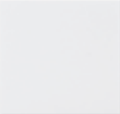
### Frames and blind covers

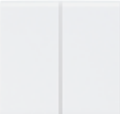
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for 55×55 frame, external</b><br>Used to expand the internal window of a standard multigang Levit frame to 55×55. When of the inserts in a multigang installation is a Busch-Jaeger insert:<br>- Short-time timer or comfort timer control element<br>- CO <sub>2</sub> room sensor<br>- Busch Btconnect Radio<br>- Busch-DigitalRadio<br>- Busch iNet Radio<br>- Loudspeaker<br>This product is for cases where the Busch-Jaeger insert is on the outside edge. |                 |          |
| White   | <b>3901H-A00255 03</b>  | 2CHH010255A4003 | 20       |
| Grey  | <b>3901H-A00255 16</b>  | 2CHH010255A4016 | 20       |
| Ivory   | <b>3901H-A00255 17</b>  | 2CHH010255A4017 | 20       |
| Macchiato   | <b>3901H-A00255 18</b>  | 2CHH010255A4018 | 20       |
| Yellow  | <b>3901H-A00255 64</b>  | 2CHH010255A4064 | 20       |
| Red   | <b>3901H-A00255 65</b>  | 2CHH010255A4065 | 20       |
| Orange  | <b>3901H-A00255 66</b>  | 2CHH010255A4066 | 20       |
| Green   | <b>3901H-A00255 67</b>  | 2CHH010255A4067 | 20       |
| Anthracite  | <b>3901H-A00255 63</b>  | 2CHH010255A4063 | 20       |
| Pearl   | <b>3901H-A00255 68</b>  | 2CHH010255A4068 | 20       |
| Steel   | <b>3901H-A00255 69</b>  | 2CHH010255A4069 | 20       |
| Silver  | <b>3901H-A00255 70</b>  | 2CHH010255A4070 | 20       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Cover plate for 55×55 frame, intermediate</b><br>Used to expand the internal window of a standard multigang Levit frame to 55×55. When of the inserts in a multigang installation is a Busch-Jaeger insert:<br>- Short-time timer or comfort timer control element<br>- CO <sub>2</sub> room sensor<br>- Busch Btconnect Radio<br>- Busch-DigitalRadio<br>- Busch iNet Radio<br>- Loudspeaker<br>This product is for cases where the Busch-Jaeger insert is intermediate (middle) |                 |          |
| White   | <b>3901H-A00355 03</b>   | 2CHH010355A4003 | 20       |
| Grey  | <b>3901H-A00355 16</b>   | 2CHH010355A4016 | 20       |
| Ivory   | <b>3901H-A00355 17</b>   | 2CHH010355A4017 | 20       |
| Macchiato   | <b>3901H-A00355 18</b>   | 2CHH010355A4018 | 20       |
| Yellow  | <b>3901H-A00355 64</b>   | 2CHH010355A4064 | 20       |
| Red   | <b>3901H-A00355 65</b>   | 2CHH010355A4065 | 20       |
| Orange  | <b>3901H-A00355 66</b>   | 2CHH010355A4066 | 20       |
| Green   | <b>3901H-A00355 67</b>   | 2CHH010355A4067 | 20       |
| Anthracite  | <b>3901H-A00355 63</b>   | 2CHH010355A4063 | 20       |
| Pearl   | <b>3901H-A00355 68</b>   | 2CHH010355A4068 | 20       |
| Steel   | <b>3901H-A00355 69</b>   | 2CHH010355A4069 | 20       |
| Silver  | <b>3901H-A00355 70</b>   | 2CHH010355A4070 | 20       |





## Substitute panels (cover plates)


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Substitute panel for push-button</b><br>For 1gang switches /<br>push-switches / one or two way |                 |          |
| White   | <b>ND3559H-B431 03</b>  | 2CHH590431B8003 | 1        |
| Grey  | <b>ND3559H-B431 16</b>  | 2CHH590431B8016 | 1        |
| Ivory   | <b>ND3559H-B431 17</b>  | 2CHH590431B8017 | 1        |
| Macchiato   | <b>ND3559H-B431 18</b>  | 2CHH590431B8018 | 1        |
| Anthracite  | <b>ND3559H-B431 63</b>  | 2CHH590431B8063 | 1        |
| Yellow  | <b>ND3559H-B431 64</b>  | 2CHH590431B8064 | 1        |
| Red   | <b>ND3559H-B431 65</b>  | 2CHH590431B8065 | 1        |
| Orange  | <b>ND3559H-B431 66</b>  | 2CHH590431B8066 | 1        |
| Green   | <b>ND3559H-B431 67</b>  | 2CHH590431B8067 | 1        |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Substitute panel for 2 push-buttons</b><br>For 2gang switches / push-switches /<br>one or two way |                 |   |
| White  | <b>ND3559H-A447 03</b>   | 2CHH594470A8003 | 1 |
| Grey   | <b>ND3559H-A447 16</b>   | 2CHH594470A8016 | 1 |
| Ivory  | <b>ND3559H-A447 17</b>   | 2CHH594470A8017 | 1 |
| Macchiato  | <b>ND3559H-A447 18</b>   | 2CHH594470A8018 | 1 |
| Anthracite   | <b>ND3559H-A447 63</b>   | 2CHH594470A8063 | 1 |
| Yellow   | <b>ND3559H-A447 64</b>   | 2CHH594470A8064 | 1 |
| Red  | <b>ND3559H-A447 65</b>   | 2CHH594470A8065 | 1 |
| Orange   | <b>ND3559H-A447 66</b>   | 2CHH594470A8066 | 1 |
| Green  | <b>ND3559H-A447 67</b>   | 2CHH594470A8067 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Substitute panel for thermostat / timer</b><br>For programmable universal thermostats<br>and timers |                 |   |
| White   | <b>ND3292H-A11 03</b>  | 2CHH910011A8003 | 1 |
| Grey  | <b>ND3292H-A11 16</b>  | 2CHH910011A8016 | 1 |
| Ivory   | <b>ND3292H-A11 17</b>  | 2CHH910011A8017 | 1 |
| Macchiato   | <b>ND3292H-A11 18</b>  | 2CHH910011A8018 | 1 |
| Anthracite  | <b>ND3292H-A11 63</b>  | 2CHH910011A8063 | 1 |
| Yellow  | <b>ND3292H-A11 64</b>  | 2CHH910011A8064 | 1 |
| Red   | <b>ND3292H-A11 65</b>  | 2CHH910011A8065 | 1 |
| Orange  | <b>ND3292H-A11 66</b>  | 2CHH910011A8066 | 1 |
| Green   | <b>ND3292H-A11 67</b>  | 2CHH910011A8067 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Substitute panel for push-button with lens</b><br>For 1gang switches /<br>push-switches / one or two way |                 |          |
| White   | <b>ND3559H-B443 03</b>  | 2CHH590443B8003 | 1        |
| Grey  | <b>ND3559H-B443 16</b>  | 2CHH590443B8016 | 1        |
| Ivory   | <b>ND3559H-B443 17</b>  | 2CHH590443B8017 | 1        |
| Macchiato   | <b>ND3559H-B443 18</b>  | 2CHH590443B8018 | 1        |
| Anthracite  | <b>ND3559H-B443 63</b>  | 2CHH590443B8063 | 1        |
| Yellow  | <b>ND3559H-B443 64</b>  | 2CHH590443B8064 | 1        |
| Red   | <b>ND3559H-B443 65</b>  | 2CHH590443B8065 | 1        |
| Orange  | <b>ND3559H-B443 66</b>  | 2CHH590443B8066 | 1        |
| Green   | <b>ND3559H-B443 67</b>  | 2CHH590443B8067 | 1        |

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Substitute panel for blind switches</b><br>For blind switches (with or without locking keys) |                 |   |
| White  | <b>ND3559H-A447/1 03</b>  | 2CHH594471A8003 | 1 |
| Grey   | <b>ND3559H-A447/1 16</b>  | 2CHH594471A8016 | 1 |
| Ivory  | <b>ND3559H-A447/1 17</b>  | 2CHH594471A8017 | 1 |
| Macchiato  | <b>ND3559H-A447/1 18</b>  | 2CHH594471A8018 | 1 |
| Anthracite   | <b>ND3559H-A447/1 63</b>  | 2CHH594471A8063 | 1 |
| Yellow   | <b>ND3559H-A447/1 64</b>  | 2CHH594471A8064 | 1 |
| Red  | <b>ND3559H-A447/1 65</b>  | 2CHH594471A8065 | 1 |
| Orange   | <b>ND3559H-A447/1 66</b>  | 2CHH594471A8066 | 1 |
| Green  | <b>ND3559H-A447/1 67</b>  | 2CHH594471A8067 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Substitute panel for motion detectors</b><br>For motion detectors |                 |   |
| White   | <b>ND3299H-A31 03</b>  | 2CHH700031A8003 | 1 |
| Grey  | <b>ND3299H-A31 16</b>  | 2CHH700031A8016 | 1 |
| Ivory   | <b>ND3299H-A31 17</b>  | 2CHH700031A8017 | 1 |
| Macchiato   | <b>ND3299H-A31 18</b>  | 2CHH700031A8018 | 1 |
| Anthracite  | <b>ND3299H-A31 63</b>  | 2CHH700031A8063 | 1 |
| Yellow  | <b>ND3299H-A31 64</b>  | 2CHH700031A8064 | 1 |
| Red   | <b>ND3299H-A31 65</b>  | 2CHH700031A8065 | 1 |
| Orange  | <b>ND3299H-A31 66</b>  | 2CHH700031A8066 | 1 |
| Green   | <b>ND3299H-A31 67</b>  | 2CHH700031A8067 | 1 |

# Swing®L

## Understated beauty

A modest combination of colours and white. A modern square design. A compelling offer of light switches and socket outlets for your daring reconstruction plans. Easy fitting thanks to their flat installation depth. Find fun in the functional.



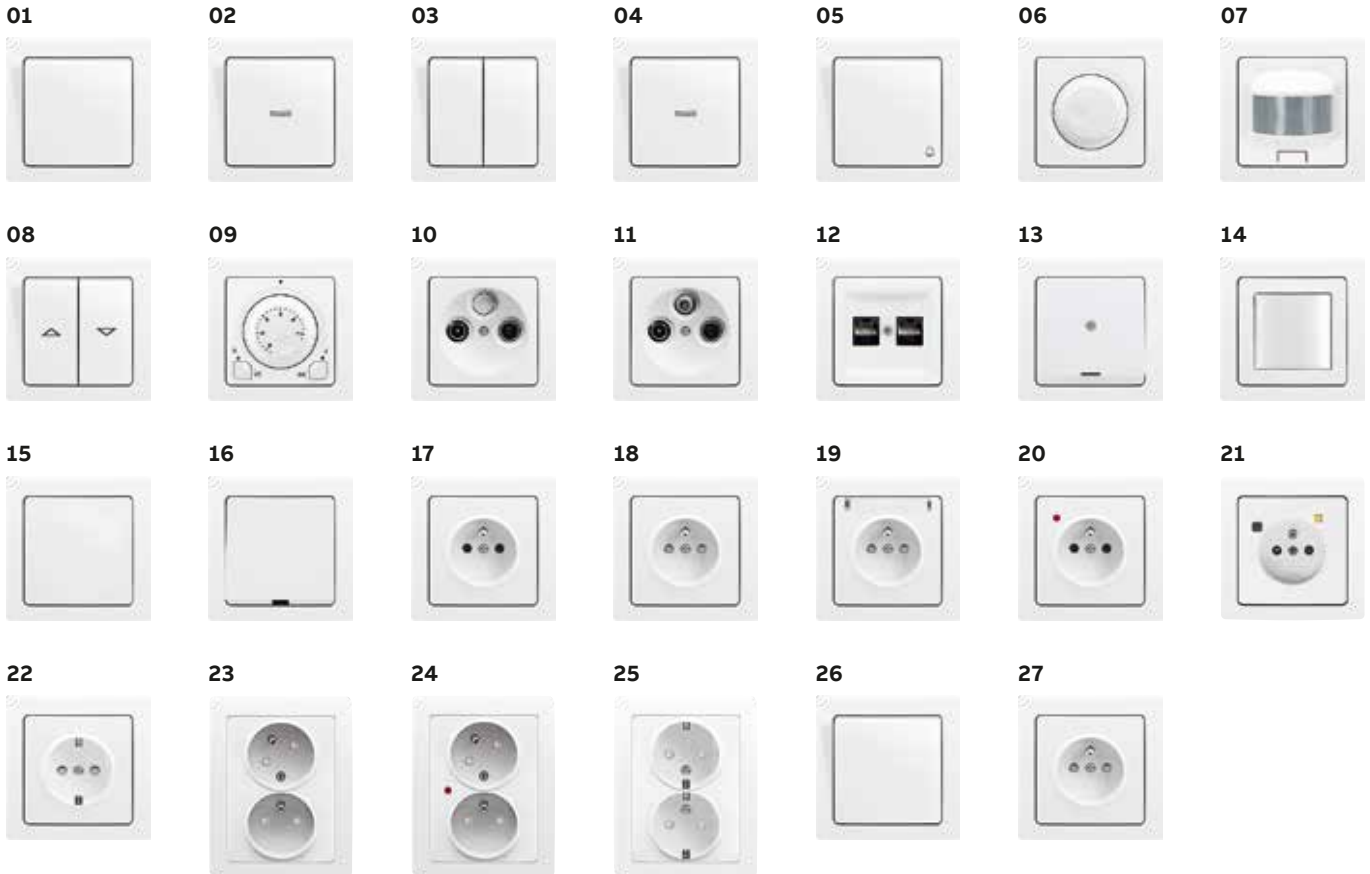
- 01 white / white
- 02 white / light grey
- 03 white / creamy
- 04 white / mocca
- 05 white / brick colour

Ideal for blocks of flats and refurbishment projects, due to the small installation depth

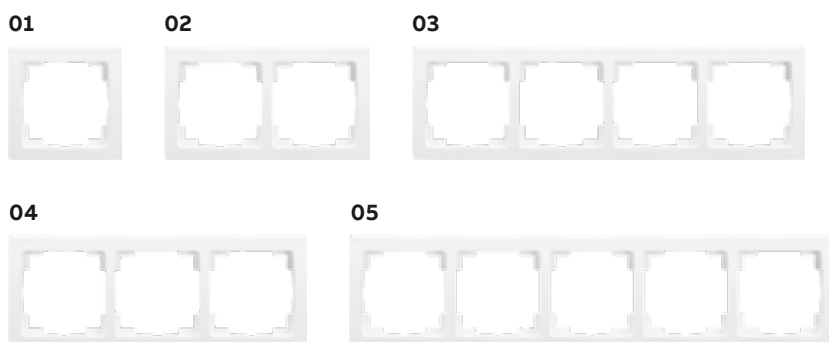


## Swing®L

Selected functions.



- |   |   |  |
|---|---|--|
| 01 Rocker switch 1-gang   | 10 Antenna socket for TV / radio                                    | 20 Socket outlet with earthing pin, with surge protection            |
| 02 Rocker switch 1-gang, with indication or orientation neon lamp | 11 Antenna socket for TV / radio / satellite                        | 21 Safety socket with earthing pin, with built-in RCD, with shutters |
| 03 Rocker switch 2-gang   | 12 Data communication outlet 2-gang                                 | 22 SCHUKO® socket outlet   |
| 04 Push switch 1-gang, with indication or orientation neon lamp   | 13 Telephone connection unit  | 23 Double socket outlet with earth. pins                             |
| 05 Push switch with bell symbol                                   | 14 Illumination LED unit  | 24 Double socket outlet with earthing pins, with surge protection    |
| 06 Dimmer with rotary control                                     | 15 Blank cover  | 25 Double SCHUKO® socket outlet                                      |
| 07 Flush-mounted movement detector                                | 16 Cable outlet   | 26 IP 44 rocker switch, 1-gang                                       |
| 08 Push switch / blind control switch                             | 17 Socket outlet with earthing pin                                  | 27 IP 44 socket outlet with earth. pins                              |
| 09 Thermostat with rotary temperature setting                     | 18 Socket outlet with earthing pin, shuttered                       |  |
|   | 19 Socket outlet with earthing pin, shuttered, with labelling field |  |



1- to 5-gang cover frame for horizontal and vertical installation


- 01 85 mm x 85 mm
- 02 85 mm x 156 mm
- 03 85 mm x 227 mm
- 04 85 mm x 298 mm
- 05 85 mm x 369 mm




For more information about light switch ranges visit ABB global web sites.

## Swing®L


### Rocker switches / push switches

| Product   | Article-No.  | Order-No.   | Pack/Qty |
|---|--|-------------|----------|
|  | <b>Rocker switch mechanism, 1-gang 1-way</b> <sup>1)</sup><br>With optional illumination.<br>Screw-type terminals.<br>Fixation via screws or claws.<br>10 AX, 250 V AC |             |          |
|   |  | 3557-A01440 | 20       |


<sup>1)</sup> The neon lamp and LED are not part of the switch – see page 11/384.

|   |  |             |    |
|---|--|-------------|----|
|  | <b>Rocker switch mechanism, 1-gang 2-way</b> <sup>1)</sup><br>With optional illumination.<br>Screw-type terminals.<br>Fixation via screws or claws.<br>10 AX, 250 V AC |             |    |
|   |  | 3557-A06440 | 20 |


<sup>1)</sup> The neon lamp and LED are not part of the switch – see page 11/384.

|  |  |             |    |
|--|--|-------------|----|
|  | <b>Rocker switch mechanism, intermediate</b> <sup>1)</sup><br>With optional illumination.<br>Screw-type terminals.<br>Fixation via screws or claws.<br>10 AX, 250 V AC |             |    |
|  |  | 3557-A07440 | 20 |


<sup>1)</sup> The neon lamp and LED are not part of the switch – see page 11/384.


|   |  |             |    |
|---|--|-------------|----|
|  | <b>Rocker switch mechanism, DP 1-gang 1-way</b> <sup>1)</sup><br>Screw-type terminals.<br>Fixation via screws or claws.<br>10 AX, 250 V AC |             |    |
|   |  | 3557-A02442 | 20 |

<sup>1)</sup> The neon lamp and LED are not part of the switch – see page 11/384.


|   |  |             |    |
|---|--|-------------|----|
|  | <b>Rocker switch mechanism, 2-gang 1-way</b> <sup>1)</sup><br>With optional illumination.<br>Screw-type terminals.<br>Fixation via screws or claws.<br>10 AX, 250 V AC |             |    |
|   |  | 3557-A05440 | 20 |

<sup>1)</sup> The neon lamp and LED are not part of the switch – see page 11/384.


|   |   |             |    |
|---|---|-------------|----|
|  | <b>Rocker switch mechanism, 2-gang 2-way</b><br>Screw-type terminals.<br>Fixation via screws or claws.<br>10 AX, 250 V AC |             |    |
|   |   | 3557-A52440 | 20 |


|   |  |             |    |
|---|--|-------------|----|
|  | <b>Rocker push-switch mechanism, 1-gang 1-way</b> <sup>1)</sup><br>With optional illumination.<br>Screw-type terminals.<br>Fixation via screws or claws.<br>10 A, 250 V AC |             |    |
|   |  | 3557-A80440 | 20 |


<sup>1)</sup> The neon lamp and LED are not part of the switch – see page 11/384.


| Product   | Article-No.   | Order-No.   | Pack/Qty |
|---|---|-------------|----------|
|  | <b>Rocker push-switch mechanism, 1-gang 1-way, with N terminal</b> <sup>1)</sup><br>With optional illumination.<br>Screw-type terminals.<br>Fixation via screws or claws.<br>10 A, 250 V AC |             |          |
|   |   | 3557-A91440 | 20       |


<sup>1)</sup> The neon lamp and LED are not part of the switch – see page 11/384.

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker</b><br>For switches 1g1w, 1g2w, intermediate.<br>For 1g1w push-switch. |                 |    |
| white   |  | 3557G-A00651 B1 | 20 |

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Rocker with doorbell symbol</b> 🔔<br>For 1g1w push-switch. |                 |    |
| white  |   | 3557G-A00680 B1 | 20 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker with light symbol</b> ☀️<br>For 1g1w push-switch. |                 |    |
| white   |   | 3557G-A00690 B1 | 20 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker divided</b><br>For switches 2g1w, 2g2w. |                 |    |
| white   |   | 3557G-A00652 B1 | 20 |
| ivory   |   | 3557G-A00652 C2 | 20 |



|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker with transparent lens</b><br>For switches 1g1w, 1g2w, intermediate, 1g1w DP with orientation or indication neon lamp.<br>For 1g1w push-switch with orientation or indication neon lamp. |                 |    |
| white   |   | 3557G-A00653 B1 | 20 |


## Swing®L

### Rocker switches / push switches

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|  | <b>Rocker divided, with transparent lens</b><br>For 2g1w switch with orientation neon lamp. |           |          |
| white   | 3557G-A00654 B1   | 20        |          |

### Dimmers



| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|     | <b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> <sup>7)</sup></b><br><b>Flush-mounted, LED, 2-100 W</b><br>With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads). Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1 |                 |          |
|  | <b>6523 U-102-500</b>   | 2CKA006512A0335 | 1/10     |

|  |  |                 |      |
|--|--|-----------------|------|
|   | <b>Busch-rotary dimmer <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup> <sup>7)</sup></b><br><b>UP, LED, 2-400 W</b><br>Very small installation depth: < 20 mm Without claws. With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum/maximum brightness. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control) Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1 |                 |      |
|  | <b>6523 UR-103-500</b>   | 2CKA006512A0345 | 1/10 |

- <sup>1)</sup> Illuminable with neon lamp. Neon lamp included in delivery with cover plate.  
<sup>2)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>3)</sup> In case of electronic transformers, 5 % transformer losses.  
<sup>4)</sup> Also applicable for 1gang 2way installations.  
<sup>5)</sup> Provided with terminal for net disconnection devices.  
<sup>6)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)  
<sup>7)</sup> Recommendation: Please use loads and types of one producer.

## Swing®L



### Dimmers

| Product   | Article-No.       | Order-No.   | Pack/Qty |
|---|-------------------|-------------|----------|
|  <p><b>Rotary control dimmer insert with ON/OFF soft-catch</b><br/> <sup>9) 13)</sup><br/>           Short-circuit and overload electronic protection.<br/>           Minimum brightness setting option.<br/>           For  <sup>13)</sup><br/>           Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible).<br/>           min. 200 W/V-A, max. 700 W/V-A, 230 V AC</p> | <b>6520 U-500</b> | 6520-0-0227 | 1        |

<sup>9)</sup> At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.




<sup>11)</sup> With conventional transformers, take ~20 % transformer losses into account.

<sup>13)</sup> A neon lamp can be used for orientation illumination (more detailed information is given in switch range chapters).

| Product  | Article-No.       | Order-No.   | Pack/Qty |
|--|-------------------|-------------|----------|
|  <p><b>Electronic potentiometer insert for 1 -10 V electronics ballasts, for rotary control and switch-on at minimal brightness level</b><br/>           For  or for LED control via electronic ballast with 1 - 10 V interface.<br/>           Max. control current: 50 mA DC<br/>           Potential-free contact for switching the ballast power supply. It is recommended to use a relay for more than 5 ballasts.<br/>           4 A (cos <math>\phi</math> = 0.9), 3 A (cos <math>\phi</math> = 0.5)<br/>           700 W/V-A, 230 V AC, 50/60 Hz</p> | <b>2112 U-101</b> | 6599-0-2035 | 1        |





## Swing®L

### Dimmers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>DALI Power-potentiometer insert, with rotary control and ON/OFF push operation</b><br>For central switching and dimming up to 64 DALI devices in accordance with EN 62386. Increased brightness sensitivity setting at slow rotation. Integrated orientation LED illumination (18 colour presets or OFF).<br>Short-circuit and overload electronic protection. DALI cable length: max. 300 m (cores' cross section 1.5 to 2.5 mm <sup>2</sup> ).<br>The brightness level when switched on by brief pressing: the same as it was when last used or pre-selectable. The brightness level when the power supply is restored after power failure: switched off status or pre-selectable (if supported by the DALI device).<br>In active mode the insert serves as a DALI power supply (15.5 V DC / 75 mA) for up to 37 DALI devices (or for up to 111 DALI devices with 3 power-potentiometers in parallel connection).<br>In passive mode the insert behaves as an additional control unit.<br>Parallel interconnection of power-potentiometers: up to 3 pcs in active mode or up to 5 pcs in passive mode. The insert is not suitable for combination with other DALI sensors.<br>Power consumption: max. 2.5 W<br>4-wire connection in active mode, 2-wire connection in passive mode 230 V AC, 50/60 Hz |                 |          |
|   | <b>2117/11 U-500</b>   | 6599-0-2988     | 1        |
|  | <b>DALI potentiometer insert, with rotary control and ON/OFF push operation</b><br>For central switching and dimming up to 64 DALI devices in accordance with EN 62386.<br>Increased brightness sensitivity setting at slow rotation. Integrated orientation LED illumination (18 colour presets or OFF). An additional DALI power supply is needed (e.g. by Tridonic, Philips, Helvar, or the DALI power-potentiometer 6599-0-2988).<br>Current consumption: 7 - 15 mA<br>The insert is polarity-reversal proof.<br>DALI cable length: max. 300 m (cores' cross section 1.5 to 2.5 mm <sup>2</sup> )<br>The brightness level when switched on by brief pressing: the same as it was when last used or pre-selectable.<br>The brightness level when the power supply is restored after power failure: switched off status or pre-selectable (if supported by the DALI device).<br>Up to five potentiometers may be connected in parallel. The insert is not suitable for combination with other DALI sensors.<br>2-wire connection   |                 |          |
|   | <b>2117 U-500</b>  | 6599-0-2987     | 1        |
|  | <b>Cover plate for rotary dimmer <sup>16)</sup></b><br>With fastening nut.<br>With two types of button<br>(for 6514-0-0111 and other devices).   |                 |          |
| white   |  | 3294G-A00125 B1 | 5        |




<sup>16)</sup> Cover illumination with neon lamp or LED is not possible.

## Movement detectors







| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Switch insert for movement detector</b><br>Switching element: relay<br>Operating temperature: -10 °C to +55 °C<br>2 300 W for ⚡, 1 750 V·A for ⚡⚡⚡⚡⚡⚡, 500 V·A / 64 µF pro ⚡⚡⚡ <sup>44)</sup><br>For easy connection, terminal N is doubled.<br>3-wire connection, 230 VAC  |                 |          |
|   |  | 3299U-A00006    | 1        |
|   | <sup>44)</sup> Also for example, for compact 230 V AC lamps (so-called CFL bulbs) or luminaires with LED.  |                 |          |
|    | <b>Switch insert for movement detector</b><br>Switching element: 2 relays (relay 2 switches on about 3 min after relay 1 switches on, independently of external lighting; relay 2 switches off about 5 min after relay 1)<br>Operating temperature: -10 °C to +55 °C<br>Max. 3 A (cos φ > 0,8) <sup>44)</sup><br>One spare fuse is inserted in the fuse box.<br>4-wire connection, 230 VAC |                 |          |
|   |  | 3299U-A00005    | 1        |
|   | <sup>44)</sup> Also for example, for compact 230 V AC lamps (so-called CFL bulbs) or luminaires with LED.  |                 |          |
|  | <b>Switch insert for movement detector</b><br>Switching element: triac<br>5 s before switching off the brightness is reduced<br>Operating temperature: -10 °C to +55 °C<br>40 - 300 W pro ⚡<br>One spare fuse is inserted in the fuse box.<br>2-wire connection, 230 V AC  |                 |          |
|   |  | 3299U-A00001    | 1        |
|   | <sup>36)</sup> Parallel connection of devices is not allowed. Can not be used for non-ohmic loads (control coils, fluorescent relays, LEDs, etc.).   |                 |          |
|  | <b>Movement detector</b><br>Detection angle: approx. 180°<br>Adjustable values (on the back of the cover):<br>lighting threshold (1 - 1000 lx); sensitivity;<br>switch-off delay (5 sec - 10 min, or 15 / 30 / 45 / 60 min by pressing integrated button)<br>Operating temperature: -10 °C to +55 °C<br>Need to be used together with a switch insert for movement detector.               |                 |          |
| white   |  | 3299G-A02180 B1 | 1        |

## Swing®L

### Blind control





| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>Blind rocker switch mechanism</b> <sup>3)</sup><br>1-gang 1-way switch<br>10 AX, 250 V AC<br>Screwless terminals.<br>Fixation via screws or claws.     |                 |          |
|  |   | 3557-A89440     | 20       |
| <sup>3)</sup> A neon lamp or LED cannot be used.                                   |   |                 |          |
|   | <b>Blind rocker switch mechanism</b> <sup>3)</sup><br>1-gang 1-way push-switch<br>10 A, 250 V AC<br>Screwless terminals.<br>Fixation via screws or claws. |                 |          |
|  |   | 3557-A88440     | 20       |
| <sup>3)</sup> A neon lamp or LED cannot be used.                                   |   |                 |          |
|  | <b>Blind switch rocker with markings</b><br>For 2g1w blind switch with interlock.<br>For 2g1w blind push-switch with interlock.                           |                 |          |
| white  |   | 3557G-A00662 B1 | 20       |



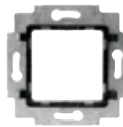

### Socket outlets

| Product   | Article-No.   | Order-No.         | Pack/Qty |
|---|---|-------------------|----------|
|    | <b>Socket outlet with earthing pin, shuttered</b><br>Screw-type terminals.<br>Fixation via screws or claws.<br>IP 40<br>16 A, 250 V AC                              |                   |          |
| white   |   | 5518G-A02459 B1   | 10       |
|    | <b>Socket outlet with earthing pin</b><br>Screw-type terminals.<br>Fixation via screws or claws.<br>16 A, 250 V AC  |                   |          |
| white   |   | 5518G-A02449 B1   | 10       |
|   | <b>Socket outlet with earthing pin, shuttered, with labelling field</b><br>Screw-type terminals.<br>Fixation via screws or claws.<br>IP 40<br>16 A, 250 V AC        |                   |          |
| white   |   | 5518G-A02452 B1   | 10       |
|  | <b>Double socket outlet with earthing pins, shuttered, semiflush-mounted</b><br>Screw-type terminals.<br>Fixation via screws only.<br>16 A, 250 V AC                |                   |          |
|   |   | 5512J-C02259 B1   | 10       |
|  | <b>Double socket outlet with earthing pins, shuttered, with turned upper cavity</b><br>Screwless terminals.<br>Fixation via screws only.<br>IP 40<br>16 A, 250 V AC |                   |          |
| white   |   | 5513J-C02357 B1   | 10       |
| white / creamy  |   | 5513J-C02357 B1C1 | 10/1     |
| white / ivory   |   | 5513J-C02357 B1C2 | 10/1     |
| white / mocca   |   | 5513J-C02357 B1C3 | 10/1     |
| white / light grey  |   | 5513J-C02357 B1S1 | 10/1     |
| white / brick colour  |   | 5513J-C02357 B1R3 | 10/1     |
|  | <b>Socket outlet with earthing pin, with surge protection</b><br>Optical fault signalling.<br>Screw-type terminals.<br>Fixation via screws only.<br>16 A, 230 V AC  |                   |          |
| white   |   | 5598G-A02349 B1   | 1        |

# Swing®L


## Socket outlets


| Product   | Article-No.   | Order-No.         | Pack/Qty |
|---|---|-------------------|----------|
|    | <b>Double socket outlet with earthing pins, shuttered, with turned upper cavity, with surge protection</b><br>Optical fault signalling.<br>Screwless terminals.<br>Fixation via screws only.<br>IP 40<br>16 A, 230 V AC   |                   |          |
| white   |   | 5593J-C02357 B1   | 1        |
| white / creamy  |   | 5593J-C02357 B1C1 | 1        |
| white / mocca   |   | 5593J-C02357 B1C3 | 1        |
| white / light grey  |   | 5593J-C02357 B1S1 | 1        |
| white / brick colour  |   | 5593J-C02357 B1R3 | 1        |
|   | <b>Safety socket with earthing pin, with built-in RCD, with shutters</b><br>Residual working current $I_{\Delta n}$ : 30 mA<br>Type A, AC and pulse current sensitivity<br>Rated current In: 16 A<br>Rated frequency: 45-60 Hz<br>Trip time at $5 \times I_{\Delta n}$ : max. 30 ms<br>Rated short-circuit current: 3000 A<br>Impulse current resistance: 3,000 A, 8/20 $\mu$ s<br>Ambient temperature: -25 °C to +40 °C<br>Degree of protection: IP 20<br>Climatic resistance: in accordance with ČSN EN 61008-1<br>Connection cross-section: 1.5 to 2.5 mm <sup>2</sup><br>Built-in depth: 32 mm<br>Additional sockets can be connected to terminals L', N' they will also be under the control of the current protector.<br>Screwless terminals.<br>16 A, 230 V AC |                   |          |
| white   |   | 5526G-A02369 B1   | 1        |
|  | <b>Socket outlet with earthing contacts, shuttered</b><br>Screw-type terminals.<br>Fixation via screws or claws.<br>16 A, 250 V AC<br>Screwless terminals.<br>Fixation via screws or claws.<br>16 A, 250 V AC   |                   |          |
| white   |   | 5520G-A03457 B1   | 10/1     |
|  | <b>Socket outlet with earthing contacts, shuttered</b><br>Screw-type terminals.<br>Fixation via screws or claws.<br>16 A, 250 V AC<br>Screw-type terminals.<br>Fixation via screws or claws.<br>16 A, 250 V AC  |                   |          |
| white   |   | 5518G-A03459 B1   | 10       |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Socket outlet with earthing contacts</b><br>Screw-type terminals.<br>Fixation via screws or claws.<br>16 A, 250 V AC   |                 |          |
| white   |   | 5518G-A03449 B1 | 10       |
|    | <b>Double socket outlet with earthing contacts, shuttered</b><br>Screw-type terminals.<br>Fixation via screws or claws.<br>16 A, 250 V AC   |                 |          |
| white   |   | 5512J-C03459 B1 | 10       |
|   | <b>Adapter for Profi I 45 inserts</b><br>For flush mounting of any Profi I 45 device (see pages 254 - 256) into switch ranges. For the assembly it is necessary to use cover plate 5016.-A00070 .. and the cover frame from the desired switch range. |                 |          |
|   |   | 5525U-A00100    | 5/1      |
|  | <b>Socket outlet 45x45 with earthing pin</b><br>Only for 2x 1.5 mm <sup>2</sup> or 2x 2.5 mm <sup>2</sup> conductors.<br>16 A, 250 V AC   |                 |          |
| white (RAL 9010)  |   | 5525N-C02347 B  | 20       |
| carmine (RAL 3003)  |   | 5525N-C02347 R1 | 20       |


## Swing®L


### Data connection


| Product  | Article-No.    | Order-No.  | Pack/Qty |
|--|----------------|------------|----------|
|  <p><b>Radio/TV socket outlet insert</b><br/>           – terminal type (article number <b>EU 3503</b>)<br/>           – loop-through type with 7 dB tap loss (article number <b>EU 3607</b>)<br/>           – loop-through type with 10 dB tap loss (article number <b>EU 3610</b>)<br/>           – loop-through type with 14 dB tap loss (article number <b>EU 3614</b>)<br/>           Nominal impedance of inputs and outputs: 75 Ω<br/>           For coaxial cables with a diameter of 3.6 to 6.8 mm.<br/>           Fixation via screws or claws.</p> | <b>EU 3503</b> | 5011-A3503 | 1        |
|  | <b>EU 3610</b> | 5011-A3610 | 1        |
|  | <b>EU 3614</b> | 5011-A3614 | 1        |

|   |                |            |   |
|---|----------------|------------|---|
|  <p><b>Radio/TV/SAT socket outlet insert</b><br/>           – terminal type (article number <b>EU 3303</b>)<br/>           Allows passage of a current of 500 mA DC and 22 kHz tone signal for LNB power supply and control.<br/>           Nominal impedance of inputs and outputs: 75 Ω<br/>           For coaxial cables with a diameter of 3.6 to 6.8 mm.<br/>           Fixation via screws or claws.</p> | <b>EU 3303</b> | 5011-A3303 | 1 |
|---|----------------|------------|---|

|  |       |                 |    |
|--|-------|-----------------|----|
|  <p><b>Cover plate for Radio/TV/SAT socket outlet</b></p> | white | 5011G-A00300 B1 | 10 |
|--|-------|-----------------|----|

|  |       |           |      |
|--|-------|-----------|------|
|  <p><b>Loudspeaker terminal</b><br/>           – black differentiation ring<br/>           Cross section of connecting wires: max. 4 mm<sup>2</sup></p> | white | 1479190-3 | 10/1 |
|--|-------|-----------|------|

|  |       |           |      |
|--|-------|-----------|------|
|  <p><b>Loudspeaker terminal</b><br/>           – red differentiation ring<br/>           Cross section of connecting wires: max. 4 mm<sup>2</sup></p> | white | 1479191-3 | 10/1 |
|--|-------|-----------|------|




| Product  | Article-No. | Order-No.       | Pack/Qty |
|--|-------------|-----------------|----------|
|  <p><b>Communication Modular-Jack insert (keystone)</b><br/>           – 8-pole RJ 45-8 Cat. 5e (unshielded)<br/>           For mounting in socket fixing plates and mounting plates (5014A-B101., 5014.-B0101., 1753-0-8055, 136811-1, 1711277-1, 5014G-A01018 ..., 5014A-A02018 ..., 5014H-A01018 ..., 5014K-C01018).</p> |             | 1208.10 RJ 45-8 | 10       |
|  | white       | 5014G-A02018 B1 | 10       |

|  |       |                 |    |
|--|-------|-----------------|----|
|  <p><b>Data communication outlet 2gang</b><br/>           Connector socket cover<br/>           With metal fastening bracket.<br/>           For mounting two communication sockets type Modular Jack (keystone), blind plugs or speaker terminals (max. recommended width 18.3 mm).<br/>           Hole dimensions: 19.4 x 14.8 mm</p> | white | 5014G-A02018 B1 | 10 |
|--|-------|-----------------|----|







## Swing®L

### Thermostats, timers





| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>Switching unit insert for thermostats or time switch</b><br>Optional connection of external temperature sensor 3292U-A90100 for floor heating. Optional connection of potential free remote control contact (only for programmable control units 3292.-A10301, 3292.-A20301).<br>Note: In the event of power failure the control unit display goes off.<br>Operating temperature: 0 °C to +50 °C<br>Output: potential free NO relay contact with safety galvanic isolation<br>16 A (cos φ = 1), 230 V AC, 3-wire connection  |           |          |
|   | 3292U-A00003  |           | 1        |
|    | <b>Universal thermostat with rotary temperature setting</b><br>Control unit (must be used with switching unit).<br>Selectable room or floor function of the thermostat.<br>Linear temperature setting. Indication of output status by two-colour LED. Push buttons for regulation ON/OFF and for manual temperature reduction (with LED indication).<br>Operating temperature: 0 °C to +55 °C<br>Room thermostat with thermal feedback:<br>Temperature range: approx. +13 °C to +27 °C<br>Adjustable manual temperature reduction:<br>approx. 2 K to 8 K<br>Hysteresis: approx. ±0.25 K<br>Floor thermostat:<br>Temperature setting range: approx. +15 °C to +48 °C<br>Manual temperature reduction: approx. 4 K to 16 K<br>Hysteresis: approx. ±0.5 K<br>The external temperature sensor 3292U-A90100 (not included) must be connected to terminals 1 and 2 of the switching unit. |           |          |
| white   | 3292G-A10101 B1   |           | 1        |
| ivory   | 3292G-A10101 C2   |           | 1        |
|  | <b>Floor heating temperature sensor</b><br>For thermostat with rotary temperature setting 3292.-A10101, for programmable thermostat 3292.-A10301.<br>Sensor element: PTC thermistor, 2 kΩ at 25 °C<br>Cable: PVC, 4 m length<br>Conductors: 2× 0.35 mm <sup>2</sup><br>Cable head: metal, Ø 6 × 18 mm<br>Degree of protection: IP 54  |           |          |
| grey  | 3292U-A90100  |           | 1        |







### LED light

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>Indication and orientation LED illumination insert</b><br>Installation depth: 25 mm<br>Screw-type terminals.<br>Fixation via screws only.<br>10 mA, 230 V AC  |           |          |
| white light   | 3917U-A00050   |           | 1        |
| blue light  | 3917U-A00051   |           | 1        |
| green light   | 3917U-A00052   |           | 1        |
| red light   | 3917U-A00053   |           | 1        |
|    | <b>Cover plate for straight LED illumination or for Profi I 45 adapter</b><br>For LED illumination insert.<br>For Profi I 45 insert adapter.   |           |          |
| white   | 5016G-A00070 B1  |           | 5/1      |
|   | <b>Cover plate for thermostat</b><br>For insert: 2CHG704010A4520.  |           |          |
| white   | 2CHG704010A4520  |           | 1        |
|  | <b>Combination thermostat</b><br>Thermostat with low insert (20 mm mounting depth) meeting the Ecodesign requirements. The thermostat is pre-programmed. Rated voltage 230 V AC ± 10% 50 Hz<br>Output 1 no and connectors 1.5 mm <sup>2</sup> to 4 mm <sup>2</sup><br>Switching current 250 V AC / 16 (2) A, protection class II and protection class IP21.<br>Operating temperature 0 °C to 35 °C and storage temperature -20 °C to 70 °C<br>Clock Accuracy (at 20 °C) <+/- 0.5 sec / min<br>Power consumption (standby) <0.05 W<br>Floor sensor NTC 10kΩ @ 25 °C and external control (EXT connector) 230V AC / 10µA (same phase). |           |          |
|   | 2TKA00004033   |           | 1        |

## Swing®L





### Accessories

| Product  | Article-No. | Order-No.   | Pack/Qty |
|--|-------------|-------------|----------|
|  <p><b>Compensator</b><br/>           1. Prevents the self-ignition/fl ickering of energy-saving lamps (CFL, LED) in OFF state when orientation illumination is used. This effect is caused by features of built-in ballasts, occurs if the illumination is connected between phase and the lamp. The compensator is applicable in the circuits with switches 1g1w, 1g2w, intermediate. (To be connected in parallel to the lamp).<br/>           2. Prevents after-glow of extra-low-voltage halogen or LED lamps in the deactivated state due to possible ripple voltage or activation via touch-dimmer without neutral conductor connection. (To be connected in parallel to the primary transformer side or to the lamp).<br/>           3. Removes noise generation on electronic transformers in the switched-off state during activation via touch dimmer without neutral conductor connection. (To be connected in parallel to the primary transformer side).<br/>           4. Removes ripple voltages on the control line in blind control/group controls with Busch-Jalousiecontrol® II devices. (To be connected between control wire "UP" and N conductor, and between "Down" and N conductor).<br/>           Dimensions:<br/>           ø 22 × 25 mm. Length of wires: approx. 235 mm<br/>           250 V AC, 50 Hz</p> | <b>6596</b> | 6599-0-2290 | 1        |
|  <p><b>Orientation universal neon lamp</b><br/>           For rocker switches and push-switches of 3557, 3558, 3559 series.<br/>           – orange light (neon lamp collar is blue)<br/>           – green light (neon lamp collar is grey)<br/>           – blue light (neon lamp collar is purple)</p>   |             |             |          |
| orange light   | 3916-12221  |             | 100/10   |
| green light  | 3916-12222  |             | 100/10   |
| blue light   | 3916-12223  |             | 100/10   |
|  <p><b>Indication neon lamp</b><br/>           For rocker switches and push-switches of 3557, 3558, 3559 series.<br/>           – orange light (neon lamp collar is green)</p>  |             |             |          |
|  | 3916-22221  |             | 100/10   |
|  <p><b>Universal lamp</b><br/>           For orientation and indication illumination in doorbell circuits with extra-low voltage (for mechanisms 3557-A80440, 3559-A91445, 3559-A86445).<br/>           40 mA, 12 V AC (Article number: <b>8345-1</b>)<br/>           22 mA, 24 V AC (Article number: <b>8337-1</b>)</p>  |             |             |          |
| <b>8345-1</b>  | 1784-0-0289 |             | 100/1    |
| <b>8337-1</b>  | 1784-0-0032 |             | 100/1    |

| Product   | Article-No. | Order-No.   | Pack/Qty |
|---|-------------|-------------|----------|
|  <p><b>Neon lamp, spare</b><br/>           For dimmer cover plates with rotary control.<br/>           0.8 mA, 230 V AC</p>  | <b>3855</b> | 6599-0-0518 | 10/1     |
|  <p><b>Fuse for electronic inserts (spare), slow cut-off characteristics</b><br/>           T1.6A/1500 (for 6514-0-0111)</p>   |             | GT520216    | 10       |
|  <p><b>Fuse for electronic inserts (spare), slow cut-off characteristics</b><br/>           T3.15A/1500 (for 6515-0-0704, 6512-0-0057, 6517-0-0018, 6560-0-1205, 3294U-A00130)</p> |             | GT520231    | 10       |
|  <p><b>Fuse for electronic inserts (spare), slow cut-off characteristics</b><br/>           T6.3A/1500 (for 6520-0-0227)</p>   |             | GT520263    | 10       |
|  <p><b>Fuse for electronic inserts (spare), fast cut-off characteristics</b><br/>           F2.5A/1500 (for 3299.-A121..)</p>  |             | GF520225    | 10       |
|  <p><b>Fuse for electronic inserts (spare), fast cut-off characteristics</b><br/>           F3.15A/1500 (for 3299.-A321..)</p>   |             | GF520231    | 10       |

## Swing®L

### Accessories

| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <p><b>Cable outlet</b><br/>With strain relief.<br/>As adapter from fixed installation to flexible<br/>3 × 1.5 mm<sup>2</sup> - 5 × 2.5 mm<sup>2</sup> cable.<br/>Terminal block is not included.</p>  |             |                 |          |
| white   |             | 3938G-A00034 B1 | 5/1      |
|  <p><b>Blank plate</b><br/>With plastic mounting plate.</p>  |             |                 |          |
| white   |             | 3902G-A00001 B1 | 10       |
|  <p><b>Surface mounting box</b><br/>For trunking distribution systems.<br/>For flush-mounted switches and semiflush-mounted<br/>double socket outlets 5512J-C02259.<br/>Internal depth: 26 mm<br/>External dimensions: 85 × 85 × 28 mm<br/>Screws for fixation of inserts included.</p> |             |                 |          |
| white   |             | 3900J-C00001 B  | 10       |
|  <p><b>Surface mounting box</b><br/>For trunking distribution systems.<br/>For double socket outlets 5513J-C02357 ..<br/>Internal depth: 26 mm<br/>External dimensions: 85 × 109 × 28 mm<br/>Screws for fixation of inserts included.</p>  |             |                 |          |
| white   |             | 3900J-C00002 B  | 10       |

# Swing®L

## Cover frames

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



### Cover frame 1-gang

|              |  |                 |    |
|--------------|--|-----------------|----|
| white        |  | 3901J-A00010 B1 | 20 |
| creamy       |  | 3901J-A00010 C1 | 20 |
| mocca        |  | 3901J-A00010 C3 | 20 |
| light grey   |  | 3901J-A00010 S1 | 20 |
| brick colour |  | 3901J-A00010 R3 | 20 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



### Cover frame 5-gang

For horizontal and vertical installation.

|              |  |                 |      |
|--------------|--|-----------------|------|
| white        |  | 3901J-A00050 B1 | 10/1 |
| creamy       |  | 3901J-A00050 C1 | 10/1 |
| mocca        |  | 3901J-A00050 C3 | 10/1 |
| light grey   |  | 3901J-A00050 S1 | 10/1 |
| brick colour |  | 3901J-A00050 R3 | 10/1 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



### Cover frame 2-gang

For horizontal and vertical installation.

|              |  |                 |    |
|--------------|--|-----------------|----|
| white        |  | 3901J-A00020 B1 | 10 |
| creamy       |  | 3901J-A00020 C1 | 10 |
| mocca        |  | 3901J-A00020 C3 | 10 |
| light grey   |  | 3901J-A00020 S1 | 10 |
| brick colour |  | 3901J-A00020 R3 | 10 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



### Cover frame 3-gang

For horizontal and vertical installation.

|              |  |                 |      |
|--------------|--|-----------------|------|
| white        |  | 3901J-A00030 B1 | 10   |
| creamy       |  | 3901J-A00030 C1 | 10/1 |
| mocca        |  | 3901J-A00030 C3 | 10/1 |
| light grey   |  | 3901J-A00030 S1 | 10/1 |
| brick colour |  | 3901J-A00030 R3 | 10/1 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|








### Cover frame 4-gang

For horizontal and vertical installation.

|              |  |                 |      |
|--------------|--|-----------------|------|
| white        |  | 3901J-A00040 B1 | 10   |
| creamy       |  | 3901J-A00040 C1 | 10/1 |
| mocca        |  | 3901J-A00040 C3 | 10/1 |
| light grey   |  | 3901J-A00040 S1 | 10/1 |
| brick colour |  | 3901J-A00040 R3 | 10/1 |

## Swing®L

### Flush mounted switches and socket outlets IP44

| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <p><b>Rocker switch mechanism, 1-gang 1-way, with rocker</b><br/>Screw-type terminals.<br/>Fixation via screws or claws.<br/>IP 44<br/>10 AX, 250 V AC</p>                              |             |                 |          |
| white   |             | 3557G-A01940 B1 | 10/1     |
|  <p><b>Rocker switch mechanism, 1-gang 2-way, with rocker</b><br/>Screw-type terminals.<br/>Fixation via screws or claws.<br/>IP 44<br/>10 AX, 250 V AC</p>                              |             |                 |          |
| white   |             | 3557G-A06940 B1 | 10/1     |
|  <p><b>Rocker switch mechanism, intermediate, with rocker</b><br/>Screw-type terminals.<br/>Fixation via screws or claws.<br/>IP 44<br/>10 AX, 250 V AC</p>                             |             |                 |          |
| white   |             | 3557G-A07940 B1 | 10/1     |
|  <p><b>Rocker push-switch mechanism, 1-gang 1-way, with rocker</b><br/>Screw-type terminals.<br/>Fixation via screws or claws.<br/>IP 44<br/>10 A, 250 V AC</p>                        |             |                 |          |
| white   |             | 3557G-A80940 B1 | 10/1     |
|  <p><b>Socket outlet with earthing pin, with hinged lid</b> <sup>26)</sup> <sup>38)</sup><br/>Screw-type terminals.<br/>Fixation via screws or claws.<br/>IP 44<br/>16 A, 250 V AC</p> |             |                 |          |
| white<br>with white<br>hinged lid)  |             | 5518G-A02989 B  | 10       |
| white<br>(with<br>translucent<br>hinged lid)  |             | 5518G-A02989 B1 | 10       |

<sup>26)</sup> The insert meets the specified degree of protection when mounted on a vertical, smooth and non-porous wall.

<sup>38)</sup> The indicated degree of protection is provided only when the lid is closed.

# Zenit

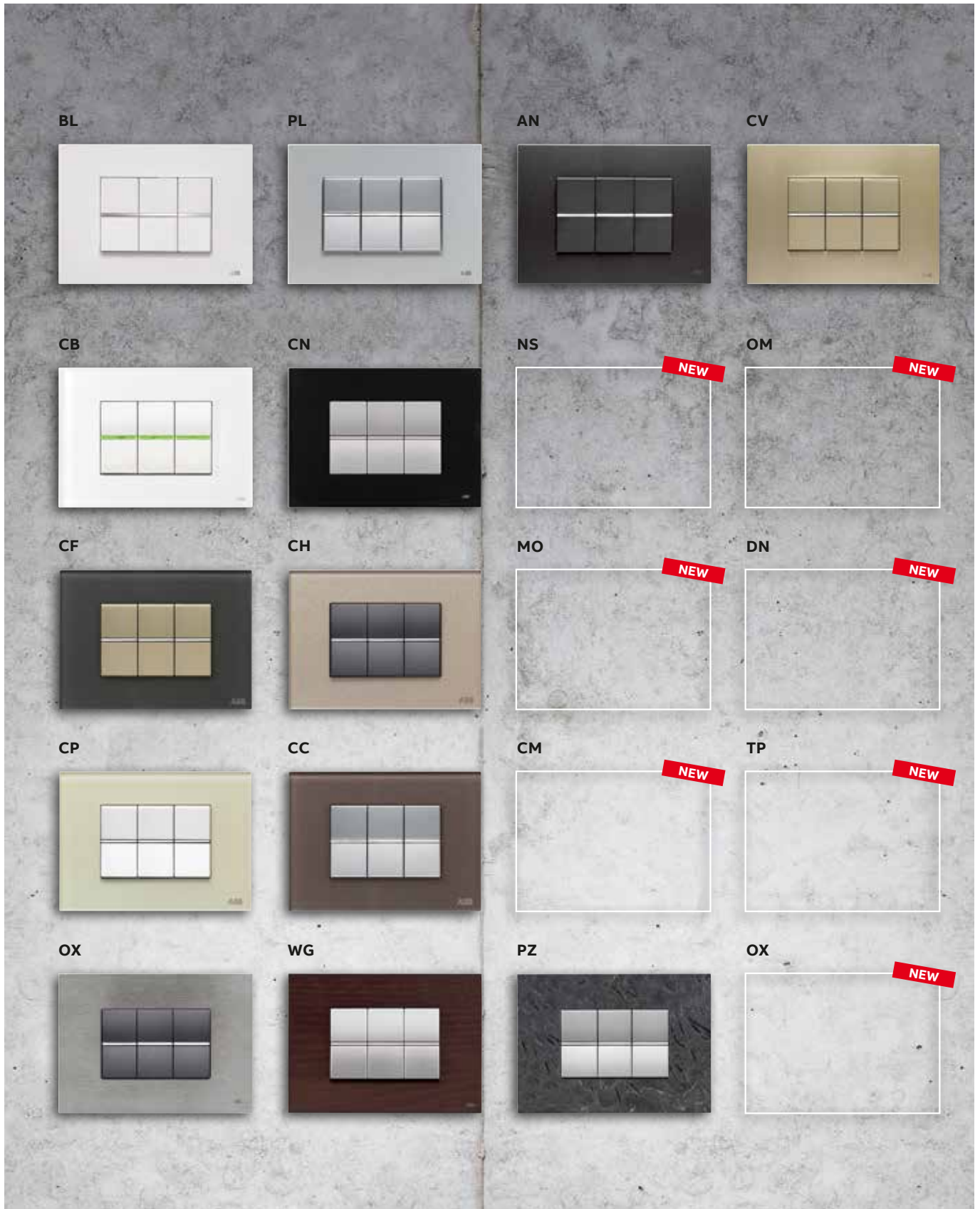
The highlight of modular series.

Zenit is the most comprehensive modular range for all kind of homes and commercial buildings. A number of appreciated designs and beautiful finishes that add value to the facility, with advanced features that provide greater comfort and performance level. With Zenit you can make any type of installation, can enjoy benefit of technical advantages that make it easier and faster. This range has the guarantee of a brand renowned for its quality such as ABB.



## Frame finishings

|                |                    |                    |                           |
|----------------|--------------------|--------------------|---------------------------|
| BL White       | CN Black Glass     | OX Stainless Steel | MO Mocha                  |
| PL Silver      | CF Graphite Glass  | WG Wenge           | DN Dune                   |
| AN Anthracite  | CH Champagne Glass | PZ Slate           | CM Comodore               |
| CV Champagne   | CP Pearl Glass     | NS Silk Black      | TP Taupe                  |
| CB White Glass | CC Coffee Glass    | OM Matt Gold       | OX Subtle Stainless Steel |



**Device finishings**



# The top in design and performance

## For its aesthetics and details

### Simple, elegant, the top in design.

Zenit is born with a high-rise design. With rectilinear lines, very trendy finishes and full of details that enhance its aesthetics. It reaches the highest levels in quality and infinite values.



**Zenit Float**  
7,5 mm height.  
Visually lightened  
through the 2 piece  
floating effect.



**Zenit Solid**  
7,5 mm height.  
Compact and firm  
profile. Solid effect  
with own  
personality.



**Zenit Soul**  
4,1 mm height.  
The essential frame  
with a ultra-light  
profile, being one of  
the slimmest frames  
in the market.



# Zenit

Wide range.



## Display and styling trim

Lighting in green and white. Styling trim in Chrome, Anthracite, White and Champagne

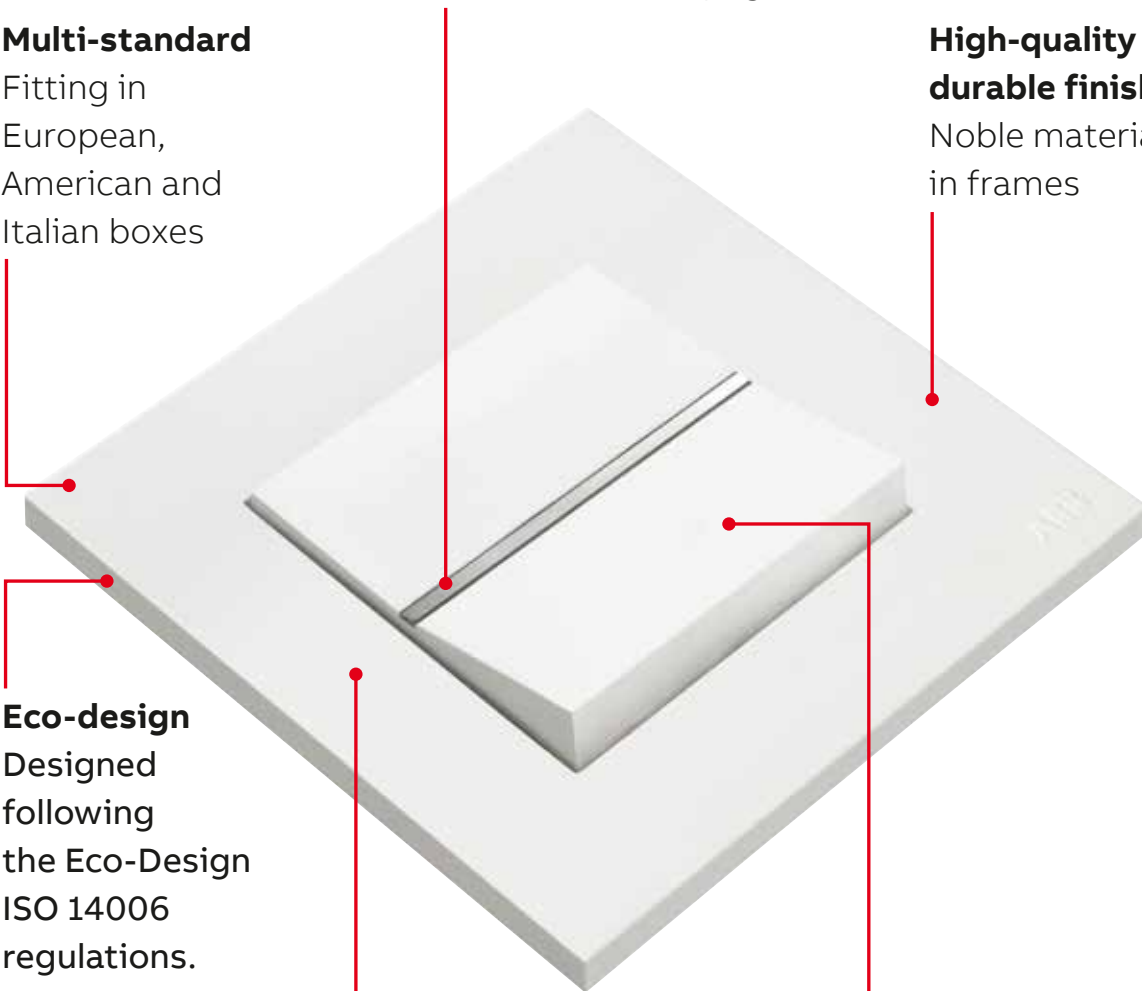


## Multi-standard

Fitting in European, American and Italian boxes

## High-quality and durable finishes.

Noble materials in frames



## Eco-design

Designed following the Eco-Design ISO 14006 regulations.

**Made in Spain with 100% renewable energy.**

**More than 100 functions in four finishes**

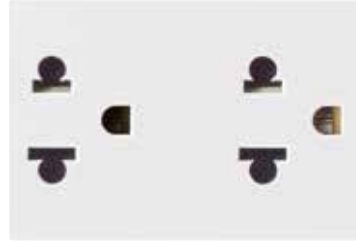
**BIM objects and App for Revit available**



## Zenit

Functions for all spaces .

Zenit can be installed everywhere, in spaces that require new solutions, with new applications and all installation facilities.

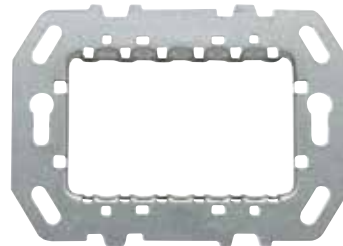


### ⚙️ Rapid cabling - Up to 40% savings

- Contacts with automatic connection terminals simplifying the cabling and saving up to a 40% in installation time. Large and smooth press clamps to make the automatic connection more comfortable and safer.
- 16AX switches for up to 200W (100W at 127Vac) LED loads, according to the latest IEC requirements.
- Robust and compact mechanisms. Insertion and extraction from the front.
- Designed to hold the switches firmly avoiding balancing problems.
- Only 21 mm depth, which allows more connection space for wires.
- Manufactured with high quality and recyclable material.

### More protection

Children are really curious and get excited with any dangerous device available at home, especially those that are at the height of socket outlets. All Zenit socket outlets are equipped with shutters for child protection, protecting the live parts from electric shock.



1. Strip the cable about 14 mm and introduce it into the terminal.



2. Press the push button and insert the cable.



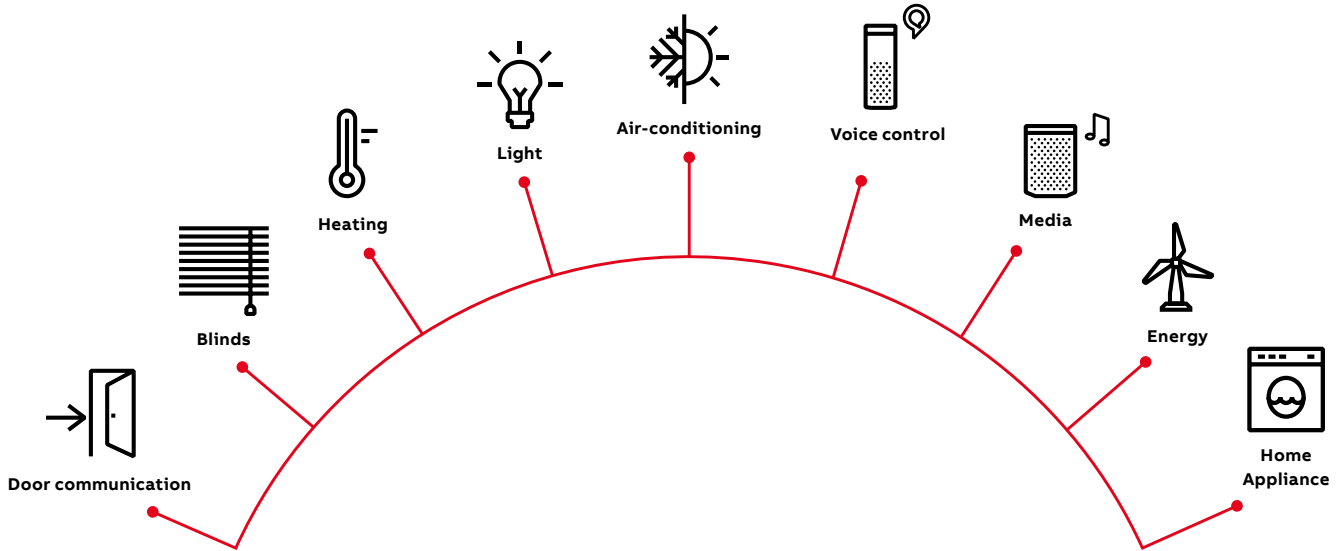
3. Release the push button and check fixation. To disconnect the cord, press again the push button on top and bottom.

### More benefits

- Galvanized steel mounting plates with unique anticorrosion treatment with top and bottom nerves for a rigid positioning of the mechanism.
- Locator and indicator lights can be easily be mounted or changed from the front side without dismantling the switch.
- Low consumption LED lamps.
- Low consumption in stand-by and high efficiency USB chargers.
- Schuko socket outlets with the three screws in the same side to to facilitate their wiring.

# Zenit

ABB-free@home - Home becomes smart



### The pleasure of simplicity

ABB-free@home® makes daily life easier. You can manage blinds, lights, heating, air-conditioning and door communication using just one system. The smartphone becomes the remote control in the house. It allows you to raise the blinds and switch on the radio

in the kitchen with the touch of a button while you are still in bed – or to deactivate all lights and devices via a switch when leaving the house. Very convenient. Extremely comfortable. Very energy efficient. The setting of these scenes is as easy as can be – to suit the mood or situation.

## ABB i-bus KNX - Details and solutions for intelligent building control



### Combinable concept with sensors and sensor/actuators

Creating a comprehensive range, is suitable for all needs. Optimizing comfort, safety and efficiency in homes and buildings. Providing comfort solutions to satisfy all types of needs and projects. Ensuring safety and protection of persons and goods. Saving energy by using only the amount of energy required.

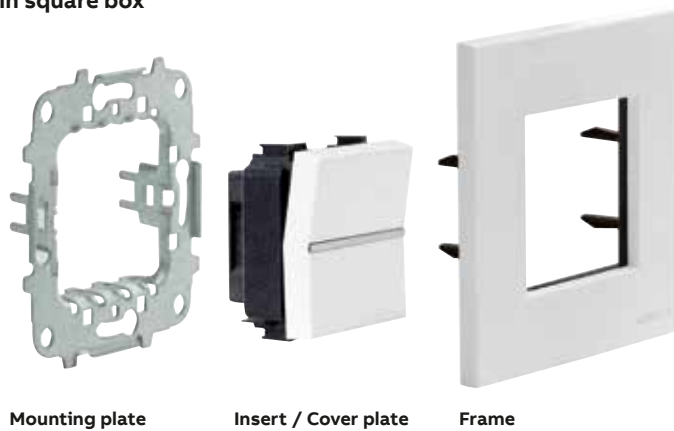
---

# Easy and intuitive installation system,

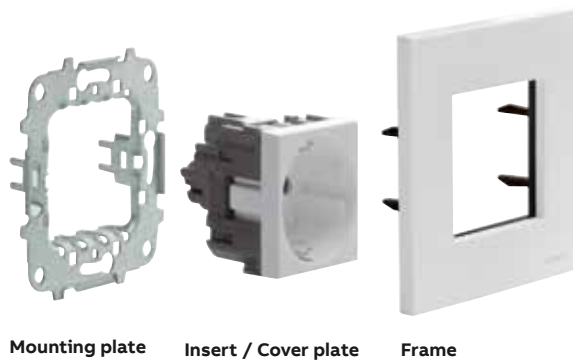
providing maximum values in performance, comfort and functionality in any market

## European installation

—  
Switch composition in square box



—  
Schuko socket outlet composition in square box



### Italian installation

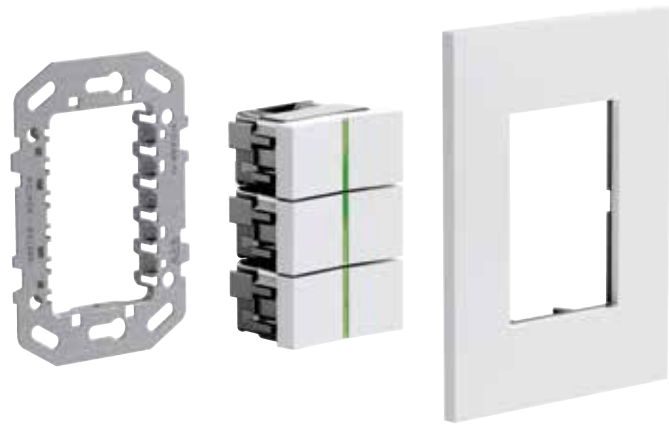
4 module composition



Mounting plate    Insert / Cover plate    Frame

### American installation

Switch composition in rectangular box



Mounting plate    Insert / Cover plate    Frame

7 module composition



Mounting plate    Insert / Cover plate    Frame


NEMA socket outlet composition in rectangular box





Mounting plate    Insert / Cover plate    Frame


## Zenit

### 1-way switches


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2191. |                 |          |
| White   | <b>N2101 BL</b>  | 2CLA210100N1101 | 20       |
| Silver  | <b>N2101 PL</b>  | 2CLA210100N1301 | 20       |
| Anthracite  | <b>N2101 AN</b>  | 2CLA210100N1801 | 20       |
| Champagne   | <b>N2101 CV</b>  | 2CLA210100N1901 | 20       |
| Total White   | <b>N2101 BB</b>  | 2CLA210100N1201 | 20       |
| Total Anthracite  | <b>N2101 AA</b>  | 2CLA210100N1601 | 20       |


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Switch 1-gang, 1-way, SP - 1,5 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2191. |                 |    |
| White  | <b>N2801 BL</b>  | 2CLA280100N1101 | 10 |
| Silver   | <b>N2801 PL</b>  | 2CLA280100N1301 | 10 |
| Anthracite   | <b>N2801 AN</b>  | 2CLA280100N1801 | 10 |
| Champagne  | <b>N2801 CV</b>  | 2CLA280100N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 1-way, SP - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2191. |                 |    |
| White   | <b>N2201 BL</b>  | 2CLA220100N1101 | 10 |
| Silver  | <b>N2201 PL</b>  | 2CLA220100N1301 | 10 |
| Anthracite  | <b>N2201 AN</b>  | 2CLA220100N1801 | 10 |
| Champagne   | <b>N2201 CV</b>  | 2CLA220100N1901 | 10 |
| Total White   | <b>N2201 BB</b>  | 2CLA220100N1201 | 10 |
| Total Anthracite  | <b>N2201 AA</b>  | 2CLA220100N1601 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 1-way, SP - 3 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2191. |                 |    |
| White   | <b>N2301 BL</b>  | 2CLA230100N1101 | 10 |
| Silver  | <b>N2301 PL</b>  | 2CLA230100N1301 | 10 |
| Anthracite  | <b>N2301 AN</b>  | 2CLA230100N1801 | 10 |
| Champagne   | <b>N2301 CV</b>  | 2CLA230100N1901 | 10 |

### 2-way switches

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1-gang, 2-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |          |
| White   | <b>N2102 BL</b>  | 2CLA210200N1101 | 20       |
| Silver  | <b>N2102 PL</b>  | 2CLA210200N1301 | 20       |
| Anthracite  | <b>N2102 AN</b>  | 2CLA210200N1801 | 20       |
| Champagne   | <b>N2102 CV</b>  | 2CLA210200N1901 | 20       |
| Total White   | <b>N2102 BB</b>  | 2CLA210200N1201 | 20       |
| Total Anthracite  | <b>N2102 AA</b>  | 2CLA210200N1601 | 20       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 2-way, SP - 1,5 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |    |
| White   | <b>N2802 BL</b>  | 2CLA280200N1101 | 10 |
| Silver  | <b>N2802 PL</b>  | 2CLA280200N1301 | 10 |
| Anthracite  | <b>N2802 AN</b>  | 2CLA280200N1801 | 10 |
| Champagne   | <b>N2802 CV</b>  | 2CLA280200N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 2-way, SP - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |    |
| White   | <b>N2202 BL</b>  | 2CLA220200N1101 | 10 |
| Silver  | <b>N2202 PL</b>  | 2CLA220200N1301 | 10 |
| Anthracite  | <b>N2202 AN</b>  | 2CLA220200N1801 | 10 |
| Champagne   | <b>N2202 CV</b>  | 2CLA220200N1901 | 10 |
| Total White   | <b>N2202 BB</b>  | 2CLA220200N1201 | 10 |
| Total Anthracite  | <b>N2202 AA</b>  | 2CLA220200N1601 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 2-way, SP - 3 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |    |
| White   | <b>N2302 BL</b>  | 2CLA230200N1101 | 10 |
| Silver  | <b>N2302 PL</b>  | 2CLA230200N1301 | 10 |
| Anthracite  | <b>N2302 AN</b>  | 2CLA230200N1801 | 10 |
| Champagne   | <b>N2302 CV</b>  | 2CLA230200N1901 | 10 |


## Zenit

### Intermediate switches


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, intermediate, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |          |
| White   | <b>N2110 BL</b>   | 2CLA211000N1101 | 20       |
| Silver  | <b>N2110 PL</b>   | 2CLA211000N1301 | 20       |
| Anthracite  | <b>N2110 AN</b>   | 2CLA211000N1801 | 20       |
| Champagne   | <b>N2110 CV</b>   | 2CLA211000N1901 | 20       |
| Total White   | <b>N2110 BB</b>   | 2CLA211000N1201 | 20       |
| Total Anthracite  | <b>N2110 AA</b>   | 2CLA211000N1601 | 20       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, intermediate, SP - 1,5 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |    |
| White   | <b>N2810 BL</b>   | 2CLA281000N1101 | 10 |
| Silver  | <b>N2810 PL</b>   | 2CLA281000N1301 | 10 |
| Anthracite  | <b>N2810 AN</b>   | 2CLA281000N1801 | 10 |
| Champagne   | <b>N2810 CV</b>   | 2CLA281000N1901 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, intermediate, SP - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |    |
| White   | <b>N2210 BL</b>   | 2CLA221000N1101 | 10 |
| Silver  | <b>N2210 PL</b>   | 2CLA221000N1301 | 10 |
| Anthracite  | <b>N2210 AN</b>   | 2CLA221000N1801 | 10 |
| Champagne   | <b>N2210 CV</b>   | 2CLA221000N1901 | 10 |
| Total White   | <b>N2210 BB</b>   | 2CLA221000N1201 | 10 |
| Total Anthracite  | <b>N2210 AA</b>   | 2CLA221000N1601 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, intermediate, SP - 3 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |    |
| White   | <b>N2310 BL</b>   | 2CLA231000N1101 | 10 |
| Silver  | <b>N2310 PL</b>   | 2CLA231000N1301 | 10 |
| Anthracite  | <b>N2310 AN</b>   | 2CLA231000N1801 | 10 |
| Champagne   | <b>N2310 CV</b>   | 2CLA231000N1901 | 10 |

### Double pole switches

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, DP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |          |
| White   | <b>N2101.2 BL</b>  | 2CLA210120N1101 | 20       |
| Silver  | <b>N2101.2 PL</b>  | 2CLA210120N1301 | 20       |
| Anthracite  | <b>N2101.2 AN</b>  | 2CLA210120N1801 | 20       |
| Champagne   | <b>N2101.2 CV</b>  | 2CLA210120N1901 | 20       |
| Total White   | <b>N2101.2 BB</b>  | 2CLA210120N1201 | 20       |
| Total Anthracite  | <b>N2101.2 AA</b>  | 2CLA210120N1601 | 20       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 1-way, DP - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>Optional: locator LED lamp N2192. |                 |    |
| White   | <b>N2201.2 BL</b>  | 2CLA220120N1101 | 10 |
| Silver  | <b>N2201.2 PL</b>  | 2CLA220120N1301 | 10 |
| Anthracite  | <b>N2201.2 AN</b>  | 2CLA220120N1801 | 10 |
| Champagne   | <b>N2201.2 CV</b>  | 2CLA220120N1901 | 10 |
| Total White   | <b>N2201.2 BB</b>  | 2CLA220120N1201 | 10 |
| Total Anthracite  | <b>N2201.2 AA</b>  | 2CLA220120N1601 | 10 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 1-gang, 1-way, DP, 32AX - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 32AX.<br>Screwless terminals. |                 |   |
| White   | <b>N2201.8 BL</b>  | 2CLA220180N1102 | 5 |
| Silver  | <b>N2201.8 PL</b>  | 2CLA220180N1302 | 5 |
| Anthracite  | <b>N2201.8 AN</b>  | 2CLA220180N1802 | 5 |
| Champagne   | <b>N2201.8 CV</b>  | 2CLA220180N1902 | 5 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, 2-way, DP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals. |                 |    |
| White   | <b>N2102.2 BL</b>   | 2CLA210220N1102 | 20 |
| Silver  | <b>N2102.2 PL</b>   | 2CLA210220N1302 | 20 |
| Anthracite  | <b>N2102.2 AN</b>   | 2CLA210220N1802 | 20 |
| Champagne   | <b>N2102.2 CV</b>   | 2CLA210220N1902 | 20 |


## Zenit

### Switches with screw-nut terminals


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw-nut type terminals.<br>Optional: locator LED lamp N2194 BB, N21941 BB or N2194.2 BB. | <b>NEW</b>      |          |
| White   | <b>N2101.T BL</b>   | 2CLA210109N1101 | 20       |
| Silver  | <b>N2101.T PL</b>   | 2CLA210109N1301 | 20       |
| Anthracite  | <b>N2101.T AN</b>   | 2CLA210109N1801 | 20       |
| Champagne   | <b>N2101.T CV</b>   | 2CLA210109N1901 | 20       |
| Total White   | <b>N2101.T BB</b>   | 2CLA210109N1201 | 20       |
| Total Anthracite  | <b>N2101.T AA</b>   | 2CLA210109N1601 | 20       |


|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Switch 1-gang, 2-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw-nut type terminals.<br>Optional: locator LED lamp N2194 BB, N21941 BB or N2194.2 BB. | <b>NEW</b>      |    |
| White  | <b>N2102.T BL</b>   | 2CLA210209N1101 | 20 |
| Silver   | <b>N2102.T PL</b>   | 2CLA210209N1301 | 20 |
| Anthracite   | <b>N2102.T AN</b>   | 2CLA210209N1801 | 20 |
| Champagne  | <b>N2102.T CV</b>   | 2CLA210209N1901 | 20 |
| Total White  | <b>N2102.T BB</b>   | 2CLA210209N1201 | 20 |
| Total Anthracite   | <b>N2102.T AA</b>   | 2CLA210209N1601 | 20 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, intermediate, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw-nut type terminals.<br>Optional: locator LED lamp N2194 BB, N21941 BB or N2194.2 BB. | <b>NEW</b>      |    |
| White   | <b>N2110.T BL</b>  | 2CLA211009N1101 | 20 |
| Silver  | <b>N2110.T PL</b>  | 2CLA211009N1301 | 20 |
| Anthracite  | <b>N2110.T AN</b>  | 2CLA211009N1801 | 20 |
| Champagne   | <b>N2110.T CV</b>  | 2CLA211009N1901 | 20 |
| Total White   | <b>N2110.T BB</b>  | 2CLA211009N1201 | 20 |
| Total Anthracite  | <b>N2110.T AA</b>  | 2CLA211009N1601 | 20 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, 1-way, DP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw-nut type terminals.<br>Optional: locator LED lamp N2194 BB, N21941 BB or N2194.2 BB. | <b>NEW</b>      |    |
| White   | <b>N2101.2T BL</b>  | 2CLA210129N1101 | 20 |
| Silver  | <b>N2101.2T PL</b>  | 2CLA210129N1301 | 20 |
| Anthracite  | <b>N2101.2T AN</b>  | 2CLA210129N1801 | 20 |
| Champagne   | <b>N2101.2T CV</b>  | 2CLA210129N1901 | 20 |
| Total White   | <b>N2101.2T BB</b>  | 2CLA210129N1201 | 20 |
| Total Anthracite  | <b>N2101.2T AA</b>  | 2CLA210129N1601 | 20 |

### Switches with indicator light

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>3 wires (Neutral conductor required).<br>Included: indicator LED lamp N2192 RJ (230 Vac). |                 |          |
| White   | <b>N2101.5 BL</b>  | 2CLA210150N1101 | 5        |
| Silver  | <b>N2101.5 PL</b>  | 2CLA210150N1301 | 5        |
| Anthracite  | <b>N2101.5 AN</b>  | 2CLA210150N1801 | 5        |
| Champagne   | <b>N2101.5 CV</b>  | 2CLA210150N1901 | 5        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 1-gang, 1-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>3 wires (Neutral conductor required).<br>Included: indicator LED lamp N2192 BB (230 Vac). |                 |   |
| White-W   | <b>N2101.51 BL</b>   | 2CLA210151N1101 | 5 |
| Silver-W  | <b>N2101.51 PL</b>   | 2CLA210151N1301 | 5 |
| Anthracite-W  | <b>N2101.51 AN</b>   | 2CLA210151N1801 | 5 |
| Champagne-W   | <b>N2101.51 CV</b>   | 2CLA210151N1901 | 5 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 1-gang, 1-way, SP - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>3 wires (Neutral conductor required).<br>Included: indicator LED lamp N2192 RJ (230 Vac). |                 |   |
| White   | <b>N2201.5 BL</b>  | 2CLA220150N1101 | 5 |
| Silver  | <b>N2201.5 PL</b>  | 2CLA220150N1301 | 5 |
| Anthracite  | <b>N2201.5 AN</b>  | 2CLA220150N1801 | 5 |
| Champagne   | <b>N2201.5 CV</b>  | 2CLA220150N1901 | 5 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 1-gang, 1-way, SP - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>3 wires (Neutral conductor required).<br>Included: indicator LED lamp N2192 BB (230 Vac). |                 |   |
| White-W   | <b>N2201.51 BL</b>   | 2CLA220151N1101 | 5 |
| Silver-W  | <b>N2201.51 PL</b>   | 2CLA220151N1301 | 5 |
| Anthracite-W  | <b>N2201.51 AN</b>   | 2CLA220151N1801 | 5 |
| Champagne-W   | <b>N2201.51 CV</b>   | 2CLA220151N1901 | 5 |





## Zenit

### Switches with indicator light


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1-gang, 2-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>4 wires (Neutral conductor required).<br>Included: indicator LED lamp N2191 VD (230 Vac). |                 |          |
| White   | <b>N2102.5 BL</b>  | 2CLA210250N1101 | 5        |
| Silver  | <b>N2102.5 PL</b>  | 2CLA210250N1301 | 5        |
| Anthracite  | <b>N2102.5 AN</b>  | 2CLA210250N1801 | 5        |
| Champagne   | <b>N2102.5 CV</b>  | 2CLA210250N1901 | 5        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 1-gang, 2-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>4 wires (Neutral conductor required).<br>Included: indicator LED lamp N2191 BB (230 Vac). |                 |   |
| White-W   | <b>N2102.51 BL</b>   | 2CLA210251N1101 | 5 |
| Silver-W  | <b>N2102.51 PL</b>   | 2CLA210251N1301 | 5 |
| Anthracite-W  | <b>N2102.51 AN</b>   | 2CLA210251N1801 | 5 |
| Champagne-W   | <b>N2102.51 CV</b>   | 2CLA210251N1901 | 5 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 1-gang, 2-way, SP - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>4 wires (Neutral conductor required).<br>Included: indicator LED lamp N2191 VD (230 Vac). |                 |   |
| White   | <b>N2202.5 BL</b>  | 2CLA220250N1101 | 5 |
| Silver  | <b>N2202.5 PL</b>  | 2CLA220250N1301 | 5 |
| Anthracite  | <b>N2202.5 AN</b>  | 2CLA220250N1801 | 5 |
| Champagne   | <b>N2202.5 CV</b>  | 2CLA220250N1901 | 5 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 1-gang, 2-way, SP - 2 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screwless terminals.<br>4 wires (Neutral conductor required).<br>Included: indicator LED lamp N2191 BB (230 Vac). |                 |   |
| White-W   | <b>N2202.51 BL</b>   | 2CLA220251N1101 | 5 |
| Silver-W  | <b>N2202.51 PL</b>   | 2CLA220251N1301 | 5 |
| Anthracite-W  | <b>N2202.51 AN</b>   | 2CLA220251N1801 | 5 |
| Champagne-W   | <b>N2202.51 CV</b>   | 2CLA220251N1901 | 5 |

### Push buttons with indicator light

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-button, SP without symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>3 wires (Neutral conductor required).<br>Included: indicator LED lamp N2192 RJ (230 Vac). |                 |          |
| White   | <b>N2104.5 BL</b>   | 2CLA210450N1101 | 5        |
| Silver  | <b>N2104.5 PL</b>   | 2CLA210450N1301 | 5        |
| Anthracite  | <b>N2104.5 AN</b>   | 2CLA210450N1801 | 5        |
| Champagne   | <b>N2104.5 CV</b>   | 2CLA210450N1901 | 5        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Push-button, SP without symbol - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>3 wires (Neutral conductor required).<br>Included: indicator LED lamp N2192 RJ (230 Vac). |                 |   |
| White   | <b>N2204.5 BL</b>   | 2CLA220450N1101 | 5 |
| Silver  | <b>N2204.5 PL</b>   | 2CLA220450N1301 | 5 |
| Anthracite  | <b>N2204.5 AN</b>   | 2CLA220450N1801 | 5 |
| Champagne   | <b>N2204.5 CV</b>   | 2CLA220450N1901 | 5 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Push-button, SP without symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>3 wires (Neutral conductor required).<br>Included: indicator LED lamp N2192 BB (230 Vac). |                 |   |
| White-W   | <b>N2104.51 BL</b>  | 2CLA210451N1101 | 5 |
| Silver-W  | <b>N2104.51 PL</b>  | 2CLA210451N1301 | 5 |
| Anthracite-W  | <b>N2104.51 AN</b>  | 2CLA210451N1801 | 5 |
| Champagne-W   | <b>N2104.51 CV</b>  | 2CLA210451N1901 | 5 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Push-button, SP without symbol - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>3 wires (Neutral conductor required).<br>Included: indicator LED lamp N2192 BB (230 Vac). |                 |   |
| White-W   | <b>N2204.51 BL</b>  | 2CLA220451N1101 | 5 |
| Silver-W  | <b>N2204.51 PL</b>  | 2CLA220451N1301 | 5 |
| Anthracite-W  | <b>N2204.51 AN</b>  | 2CLA220451N1801 | 5 |
| Champagne-W   | <b>N2204.51 CV</b>  | 2CLA220451N1901 | 5 |


# Zenit


## Push buttons


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Push-button, SP with bell symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2191. |                 |          |
| White   | <b>N2104 BL</b>  | 2CLA210400N1101 | 20       |
| Silver  | <b>N2104 PL</b>  | 2CLA210400N1301 | 20       |
| Anthracite  | <b>N2104 AN</b>  | 2CLA210400N1801 | 20       |
| Champagne   | <b>N2104 CV</b>  | 2CLA210400N1901 | 20       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Push-button, SP with bell symbol - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2191. |                 |    |
| White   | <b>N2204 BL</b>  | 2CLA220400N1101 | 10 |
| Silver  | <b>N2204 PL</b>  | 2CLA220400N1301 | 10 |
| Anthracite  | <b>N2204 AN</b>  | 2CLA220400N1801 | 10 |
| Champagne   | <b>N2204 CV</b>  | 2CLA220400N1901 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Push-button, SP with bell symbol - 3M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2191. |                 |    |
| White   | <b>N2304 BL</b>  | 2CLA230400N1101 | 10 |
| Silver  | <b>N2304 PL</b>  | 2CLA230400N1301 | 10 |
| Anthracite  | <b>N2304 AN</b>  | 2CLA230400N1801 | 10 |
| Champagne   | <b>N2304 CV</b>  | 2CLA230400N1901 | 10 |

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-button, SP with light symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2191. |                 |          |
| White   | <b>N2104.2 BL</b>   | 2CLA210420N1101 | 20       |
| Silver  | <b>N2104.2 PL</b>   | 2CLA210420N1301 | 20       |
| Anthracite  | <b>N2104.2 AN</b>   | 2CLA210420N1801 | 20       |
| Champagne   | <b>N2104.2 CV</b>   | 2CLA210420N1901 | 20       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Push-button, SP with light symbol - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2191. |                 |    |
| White   | <b>N2204.2 BL</b>   | 2CLA220420N1101 | 10 |
| Silver  | <b>N2204.2 PL</b>   | 2CLA220420N1301 | 10 |
| Anthracite  | <b>N2204.2 AN</b>   | 2CLA220420N1801 | 10 |
| Champagne   | <b>N2204.2 CV</b>   | 2CLA220420N1901 | 10 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Push-button, NC, SP without symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Closed (NC) contact.<br>Locator lamp option not available. |                 |   |
| White   | <b>N2104.6 BL</b>   | 2CLA210460N1101 | 5 |
| Silver  | <b>N2104.6 PL</b>   | 2CLA210460N1301 | 5 |
| Anthracite  | <b>N2104.6 AN</b>   | 2CLA210460N1801 | 5 |
| Champagne   | <b>N2104.6 CV</b>   | 2CLA210460N1901 | 5 |
| Total White   | <b>N2104.6 BB</b>   | 2CLA210460N1201 | 5 |
| Total Anthracite  | <b>N2104.6 AA</b>   | 2CLA210460N1601 | 5 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Push-button, NC, SP without symbol - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Closed (NC) contact<br>Locator lamp option not available. |                 |   |
| White   | <b>N2204.6 BL</b>  | 2CLA220460N1101 | 5 |
| Silver  | <b>N2204.6 PL</b>  | 2CLA220460N1301 | 5 |
| Anthracite  | <b>N2204.6 AN</b>  | 2CLA220460N1801 | 5 |
| Champagne   | <b>N2204.6 CV</b>  | 2CLA220460N1901 | 5 |
| Total White   | <b>N2204.6 BB</b>  | 2CLA220460N1201 | 5 |
| Total Anthracite  | <b>N2204.6 AA</b>  | 2CLA220460N1601 | 5 |

## Zenit


### Push buttons

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Push-button, SP without symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2191. |                 |          |
| White   | <b>N2104.7 BL</b>  | 2CLA210470N1101 | 20       |
| Silver  | <b>N2104.7 PL</b>  | 2CLA210470N1301 | 20       |
| Anthracite  | <b>N2104.7 AN</b>  | 2CLA210470N1801 | 20       |
| Champagne   | <b>N2104.7 CV</b>  | 2CLA210470N1901 | 20       |
| Total White   | <b>N2104.7 BB</b>  | 2CLA210470N1201 | 20       |
| Total Anthracite  | <b>N2104.7 AA</b>  | 2CLA210470N1601 | 20       |

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Push-button, SP without symbol - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2191. |                 |    |
| White  | <b>N2204.7 BL</b>  | 2CLA220470N1101 | 10 |
| Silver   | <b>N2204.7 PL</b>  | 2CLA220470N1301 | 10 |
| Anthracite   | <b>N2204.7 AN</b>  | 2CLA220470N1801 | 10 |
| Champagne  | <b>N2204.7 CV</b>  | 2CLA220470N1901 | 10 |
| Total White  | <b>N2204.7 BB</b>  | 2CLA220470N1201 | 10 |
| Total Anthracite   | <b>N2204.7 AA</b>  | 2CLA220470N1601 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Push-button, SP with label holder - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screwless terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2191. |                 |    |
| White   | <b>N2204.8 BL</b>   | 2CLA220480N1101 | 10 |
| Silver  | <b>N2204.8 PL</b>   | 2CLA220480N1301 | 10 |
| Anthracite  | <b>N2204.8 AN</b>   | 2CLA220480N1801 | 10 |
| Champagne   | <b>N2204.8 CV</b>   | 2CLA220480N1901 | 10 |


### Push button with screw-nut terminals


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-button, SP without symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16A.<br>Screw-nut type terminals.<br>1-gang, 1-way - Normally Opened (NO) contact.<br>Optional: locator LED lamp N2194 BB, N21941 BB or N2194.2 BB. |                 |          |
| White   | <b>N2104.7T BL</b>  | 2CLA210479N1101 | 20       |
| Silver  | <b>N2104.7T PL</b>  | 2CLA210479N1301 | 20       |
| Anthracite  | <b>N2104.7T AN</b>  | 2CLA210479N1801 | 20       |
| Champagne   | <b>N2104.7T CV</b>  | 2CLA210479N1901 | 20       |
| Total White   | <b>N2104.7T BB</b>  | 2CLA210479N1201 | 20       |
| Total Anthracite  | <b>N2104.7T AA</b>  | 2CLA210479N1601 | 20       |


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## Zenit


### Rocker covers with engraved symbols


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker cover without symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |          |
| White   | <b>N2109 BL</b>   | 2CLA210900N1101 | 10       |
| Silver  | <b>N2109 PL</b>   | 2CLA210900N1301 | 10       |
| Anthracite  | <b>N2109 AN</b>   | 2CLA210900N1801 | 10       |
| Champagne   | <b>N2109 CV</b>   | 2CLA210900N1901 | 10       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker cover without symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209 BL</b>   | 2CLA220900N1101 | 10 |
| Silver  | <b>N2209 PL</b>   | 2CLA220900N1301 | 10 |
| Anthracite  | <b>N2209 AN</b>   | 2CLA220900N1801 | 10 |
| Champagne   | <b>N2209 CV</b>   | 2CLA220900N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with nurse symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |    |
| White   | <b>N2109.01 BL</b>   | 2CLA210901N1101 | 10 |
| Silver  | <b>N2109.01 PL</b>   | 2CLA210901N1301 | 10 |
| Anthracite  | <b>N2109.01 AN</b>   | 2CLA210901N1801 | 10 |
| Champagne   | <b>N2109.01 CV</b>   | 2CLA210901N1901 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with nurse symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.01 BL</b>   | 2CLA220901N1101 | 10 |
| Silver  | <b>N2209.01 PL</b>   | 2CLA220901N1301 | 10 |
| Anthracite  | <b>N2209.01 AN</b>   | 2CLA220901N1801 | 10 |
| Champagne   | <b>N2209.01 CV</b>   | 2CLA220901N1901 | 10 |

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker cover with lamp symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |          |
| White   | <b>N2109.02 BL</b>  | 2CLA210902N1101 | 10       |
| Silver  | <b>N2109.02 PL</b>  | 2CLA210902N1301 | 10       |
| Anthracite  | <b>N2109.02 AN</b>  | 2CLA210902N1801 | 10       |
| Champagne   | <b>N2109.02 CV</b>  | 2CLA210902N1901 | 10       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker cover with lamp symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.02 BL</b>  | 2CLA220902N1101 | 10 |
| Silver  | <b>N2209.02 PL</b>  | 2CLA220902N1301 | 10 |
| Anthracite  | <b>N2209.02 AN</b>  | 2CLA220902N1801 | 10 |
| Champagne   | <b>N2209.02 CV</b>  | 2CLA220902N1901 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker cover with dimmer symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |    |
| White   | <b>N2109.03 BL</b>  | 2CLA210903N1101 | 10 |
| Silver  | <b>N2109.03 PL</b>  | 2CLA210903N1301 | 10 |
| Anthracite  | <b>N2109.03 AN</b>  | 2CLA210903N1801 | 10 |
| Champagne   | <b>N2109.03 CV</b>  | 2CLA210903N1901 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker cover with dimmer symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.03 BL</b>  | 2CLA220903N1101 | 10 |
| Silver  | <b>N2209.03 PL</b>  | 2CLA220903N1301 | 10 |
| Anthracite  | <b>N2209.03 AN</b>  | 2CLA220903N1801 | 10 |
| Champagne   | <b>N2209.03 CV</b>  | 2CLA220903N1901 | 10 |


## Zenit


### Rocker covers with engraved symbols


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker cover with fan symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |          |
| White   | <b>N2109.04 BL</b>   | 2CLA210904N1101 | 10       |
| Silver  | <b>N2109.04 PL</b>   | 2CLA210904N1301 | 10       |
| Anthracite  | <b>N2109.04 AN</b>   | 2CLA210904N1801 | 10       |
| Champagne   | <b>N2109.04 CV</b>   | 2CLA210904N1901 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with fan symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.04 BL</b>   | 2CLA220904N1101 | 10 |
| Silver  | <b>N2209.04 PL</b>   | 2CLA220904N1301 | 10 |
| Anthracite  | <b>N2209.04 AN</b>   | 2CLA220904N1801 | 10 |
| Champagne   | <b>N2209.04 CV</b>   | 2CLA220904N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with telephone symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |    |
| White   | <b>N2109.05 BL</b>   | 2CLA210905N1101 | 10 |
| Silver  | <b>N2109.05 PL</b>   | 2CLA210905N1301 | 10 |
| Anthracite  | <b>N2109.05 AN</b>   | 2CLA210905N1801 | 10 |
| Champagne   | <b>N2109.05 CV</b>   | 2CLA210905N1901 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with telephone symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.05 BL</b>   | 2CLA220905N1101 | 10 |
| Silver  | <b>N2209.05 PL</b>   | 2CLA220905N1301 | 10 |
| Anthracite  | <b>N2209.05 AN</b>   | 2CLA220905N1801 | 10 |
| Champagne   | <b>N2209.05 CV</b>   | 2CLA220905N1901 | 10 |

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker cover with open symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |          |
| White   | <b>N2109.06 BL</b>  | 2CLA210906N1101 | 10       |
| Silver  | <b>N2109.06 PL</b>  | 2CLA210906N1301 | 10       |
| Anthracite  | <b>N2109.06 AN</b>  | 2CLA210906N1801 | 10       |
| Champagne   | <b>N2109.06 CV</b>  | 2CLA210906N1901 | 10       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker cover with open symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.06 BL</b>  | 2CLA220906N1101 | 10 |
| Silver  | <b>N2209.06 PL</b>  | 2CLA220906N1301 | 10 |
| Anthracite  | <b>N2209.06 AN</b>  | 2CLA220906N1801 | 10 |
| Champagne   | <b>N2209.06 CV</b>  | 2CLA220906N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with close symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |    |
| White   | <b>N2109.07 BL</b>   | 2CLA210907N1101 | 10 |
| Silver  | <b>N2109.07 PL</b>   | 2CLA210907N1301 | 10 |
| Anthracite  | <b>N2109.07 AN</b>   | 2CLA210907N1801 | 10 |
| Champagne   | <b>N2109.07 CV</b>   | 2CLA210907N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with close symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.07 BL</b>   | 2CLA220907N1101 | 10 |
| Silver  | <b>N2209.07 PL</b>   | 2CLA220907N1301 | 10 |
| Anthracite  | <b>N2209.07 AN</b>   | 2CLA220907N1801 | 10 |
| Champagne   | <b>N2209.07 CV</b>   | 2CLA220907N1901 | 10 |


## Zenit


### Rocker covers with engraved symbols


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker cover with OFF symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |          |
| White   | <b>N2109.08 BL</b>   | 2CLA210908N1101 | 10       |
| Silver  | <b>N2109.08 PL</b>   | 2CLA210908N1301 | 10       |
| Anthracite  | <b>N2109.08 AN</b>   | 2CLA210908N1801 | 10       |
| Champagne   | <b>N2109.08 CV</b>   | 2CLA210908N1901 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with OFF symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.08 BL</b>   | 2CLA220908N1101 | 10 |
| Silver  | <b>N2209.08 PL</b>   | 2CLA220908N1301 | 10 |
| Anthracite  | <b>N2209.08 AN</b>   | 2CLA220908N1801 | 10 |
| Champagne   | <b>N2209.08 CV</b>   | 2CLA220908N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with DND symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |    |
| White   | <b>N2109.09 BL</b>   | 2CLA210909N1101 | 10 |
| Silver  | <b>N2109.09 PL</b>   | 2CLA210909N1301 | 10 |
| Anthracite  | <b>N2109.09 AN</b>   | 2CLA210909N1801 | 10 |
| Champagne   | <b>N2109.09 CV</b>   | 2CLA210909N1901 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with DND symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.09 BL</b>   | 2CLA220909N1101 | 10 |
| Silver  | <b>N2209.09 PL</b>   | 2CLA220909N1301 | 10 |
| Anthracite  | <b>N2209.09 AN</b>   | 2CLA220909N1801 | 10 |
| Champagne   | <b>N2209.09 CV</b>   | 2CLA220909N1901 | 10 |

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker cover with MUR symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |          |
| White   | <b>N2109.10 BL</b>   | 2CLA210910N1101 | 10       |
| Silver  | <b>N2109.10 PL</b>   | 2CLA210910N1301 | 10       |
| Anthracite  | <b>N2109.10 AN</b>   | 2CLA210910N1801 | 10       |
| Champagne   | <b>N2109.10 CV</b>   | 2CLA210910N1901 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with MUR symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.10 BL</b>   | 2CLA220910N1101 | 10 |
| Silver  | <b>N2209.10 PL</b>   | 2CLA220910N1301 | 10 |
| Anthracite  | <b>N2209.10 AN</b>   | 2CLA220910N1801 | 10 |
| Champagne   | <b>N2209.10 CV</b>   | 2CLA220910N1901 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with light symbol - 1M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts. |                 |    |
| White   | <b>N2109.11 BL</b>   | 2CLA210911N1101 | 10 |
| Silver  | <b>N2109.11 PL</b>   | 2CLA210911N1301 | 10 |
| Anthracite  | <b>N2109.11 AN</b>   | 2CLA210911N1801 | 10 |
| Champagne   | <b>N2109.11 CV</b>   | 2CLA210911N1901 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with light symbol - 2M</b><br>Spare rocker cover without decorative trim.<br>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts. |                 |    |
| White   | <b>N2209.11 BL</b>   | 2CLA220911N1101 | 10 |
| Silver  | <b>N2209.11 PL</b>   | 2CLA220911N1301 | 10 |
| Anthracite  | <b>N2209.11 AN</b>   | 2CLA220911N1801 | 10 |
| Champagne   | <b>N2209.11 CV</b>   | 2CLA220911N1901 | 10 |

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## Push-button &amp; switch for BA/HA sensors


| Color  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
| <b>Push-button NA+NA 2-gang - 1M</b><br>Rated voltage: 250 Vac.<br>Rated current: 10A.<br>Compatible with N2109.4X rockers.    |                    |                 |          |
|  | <b>N2144</b>       | 2CLA214400N1001 | 5        |
| <b>Switch center-off 2-gang - 1M</b><br>Rated voltage: 250 Vac.<br>Rated current: 10(3)A.<br>Compatible with N2109.4X rockers. |                    |                 |          |
| White  | <b>N2144.1 BL</b>  | 2CLA214410N1101 | 5        |
| <b>Rocker cover without symbol - 1M</b><br>Rocker cover without symbol for N2144 push-button and N2144.1 switch.               |                    |                 |          |
| White  | <b>N2109.40 BL</b> | 2CLA210940N1101 | 10       |
| Silver   | <b>N2109.40 PL</b> | 2CLA210940N1301 | 10       |
| Anthracite   | <b>N2109.40 AN</b> | 2CLA210940N1801 | 10       |
| Champagne  | <b>N2109.40 CV</b> | 2CLA210940N1901 | 10       |
| Total White  | <b>N2109.40 BB</b> | 2CLA210940N1201 | 10       |
| Total Anthracite   | <b>N2109.40 AA</b> | 2CLA210940N1601 | 10       |
| <b>Rocker cover with lamp symbol - 1M</b><br>Rocker cover with lamp symbol for N2144 push-button and N2144.1 switch.           |                    |                 |          |
| White  | <b>N2109.42 BL</b> | 2CLA214442N1101 | 10       |
| Silver   | <b>N2109.42 PL</b> | 2CLA214442N1301 | 10       |
| Anthracite   | <b>N2109.42 AN</b> | 2CLA214442N1801 | 10       |
| Champagne  | <b>N2109.42 CV</b> | 2CLA214442N1901 | 10       |
| Total White  | <b>N2109.42 BB</b> | 2CLA214442N1201 | 10       |
| Total Anthracite   | <b>N2109.42 AA</b> | 2CLA214442N1601 | 10       |
| <b>Rocker cover with blind symbol - 1M</b><br>Rocker cover with blind symbol for N2144 push-button and N2144.1 switch.         |                    |                 |          |
| White  | <b>N2109.43 BL</b> | 2CLA210943N1101 | 10       |
| Silver   | <b>N2109.43 PL</b> | 2CLA210943N1301 | 10       |
| Anthracite   | <b>N2109.43 AN</b> | 2CLA210943N1801 | 10       |
| Champagne  | <b>N2109.43 CV</b> | 2CLA210943N1901 | 10       |
| Total White  | <b>N2109.43 BB</b> | 2CLA210943N1201 | 10       |
| Total Anthracite   | <b>N2109.43 AA</b> | 2CLA210943N1601 | 10       |

| Color  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
| <b>Rocker cover with DND/MUR symbol - 1M</b><br>Rocker cover with DND/MUR symbol for N2144 push-button and N2144.1 switch. |                    |                 |          |
| White  | <b>N2109.44 BL</b> | 2CLA210944N1101 | 10       |
| Silver   | <b>N2109.44 PL</b> | 2CLA210944N1301 | 10       |
| Anthracite   | <b>N2109.44 AN</b> | 2CLA210944N1801 | 10       |
| Champagne  | <b>N2109.44 CV</b> | 2CLA210944N1901 | 10       |
| Total White  | <b>N2109.44 BB</b> | 2CLA210944N1201 | 10       |
| Total Anthracite   | <b>N2109.44 AA</b> | 2CLA210944N1601 | 10       |
| <b>Rocker cover with ON/OFF symbol - 1M</b><br>Rocker cover with ON/OFF symbol for N2144 push-button and N2144.1 switch.   |                    |                 |          |
| White  | <b>N2109.45 BL</b> | 2CLA210945N1101 | 10       |
| Silver   | <b>N2109.45 PL</b> | 2CLA210945N1301 | 10       |
| Anthracite   | <b>N2109.45 AN</b> | 2CLA210945N1801 | 10       |
| Champagne  | <b>N2109.45 CV</b> | 2CLA210945N1901 | 10       |
| Total White  | <b>N2109.45 BB</b> | 2CLA210945N1201 | 10       |
| Total Anthracite   | <b>N2109.45 AA</b> | 2CLA210945N1601 | 10       |
| <b>Rocker cover with dimmer symbol - 1M</b><br>Rocker cover with dimmer symbol for N2144 push-button and N2144.1 switch.   |                    |                 |          |
| White  | <b>N2109.46 BL</b> | 2CLA210946N1101 | 10       |
| Silver   | <b>N2109.46 PL</b> | 2CLA210946N1301 | 10       |
| Anthracite   | <b>N2109.46 AN</b> | 2CLA210946N1801 | 10       |
| Champagne  | <b>N2109.46 CV</b> | 2CLA210946N1901 | 10       |
| Total White  | <b>N2109.46 BB</b> | 2CLA210946N1201 | 10       |
| Total Anthracite   | <b>N2109.46 AA</b> | 2CLA210946N1601 | 10       |
| <b>Rocker cover with scene symbol - 1M</b><br>Rocker cover with scene symbol for N2144 push-button and N2144.1 switch.     |                    |                 |          |
| White  | <b>N2121.9 BL</b>  | 2CLA210947N1101 | 10       |
| Silver   | <b>N2121.9 PL</b>  | 2CLA210947N1301 | 10       |
| Anthracite   | <b>N2121.9 AN</b>  | 2CLA210947N1801 | 10       |
| Champagne  | <b>N2121.9 CV</b>  | 2CLA210947N1901 | 10       |
| Total White  | <b>N2121.9 BB</b>  | 2CLA210947N1201 | 10       |
| Total Anthracite   | <b>N2121.9 AA</b>  | 2CLA210947N1601 | 10       |


## Zenit


### Card switches

| Color   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Card switch 1-gang, 1-way, DP - 2M</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 16 AX.<br/>           Rated power iLED (230/127 Vac): 200/100 W.<br/>           For 54mm width cards.<br/>           Included: locator LED lamp N2193 NG (230 Vac).</p> |                   |                 |          |
| White   | <b>N2214.1 BL</b> | 2CLA221410N1101 | 10       |
| Silver  | <b>N2214.1 PL</b> | 2CLA221410N1301 | 10       |
| Anthracite  | <b>N2214.1 AN</b> | 2CLA221410N1801 | 10       |
| Champagne   | <b>N2214.1 CV</b> | 2CLA221410N1901 | 10       |


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>Card timer switch 1-gang, 1-way, SP - 2M</b><br/>           Rated current (230Vac / 127Vac):<br/>           - Incandescent/halogen: 3.000W / 1.600W.<br/>           - Fluorescent: 1.300VA / 700VA.<br/>           - Electronic and ferromag. transf. and motors:<br/>           3.000VA / 1.600VA.<br/>           For 54mm width cards.<br/>           Locator LED lamp included.<br/>           Time delayed switch: 5 - 90 seconds.</p> |                   |                 |   |
| White  | <b>N2214.5 BL</b> | 2CLA221450N1101 | 1 |
| Silver   | <b>N2214.5 PL</b> | 2CLA221450N1301 | 1 |
| Anthracite   | <b>N2214.5 AN</b> | 2CLA221450N1801 | 1 |
| Champagne  | <b>N2214.5 CV</b> | 2CLA221450N1901 | 1 |


### Pullcord switches


|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  <p><b>Pullcord switch 1-gang, 1-way, SP - 1M</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 16A.<br/>           Screwless terminals.<br/>           Cord length: 2 meters.</p> |                 |                 |   |
| White  | <b>N2148 BL</b> | 2CLA214800N1101 | 5 |
| Silver   | <b>N2148 PL</b> | 2CLA214800N1301 | 5 |
| Anthracite   | <b>N2148 AN</b> | 2CLA214800N1801 | 5 |
| Champagne  | <b>N2148 CV</b> | 2CLA214800N1901 | 5 |
| Total White  | <b>N2148 BB</b> | 2CLA214800N1201 | 5 |
| Total Anthracite   | <b>N2148 AA</b> | 2CLA214800N1601 | 5 |


|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  <p><b>Pullcord switch 1-gang, 1-way, SP - 2M</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 16A.<br/>           Screwless terminals.<br/>           Cord length: 2 meters.</p> |                 |                 |   |
| White  | <b>N2248 BL</b> | 2CLA224800N1101 | 5 |
| Silver   | <b>N2248 PL</b> | 2CLA224800N1301 | 5 |
| Anthracite   | <b>N2248 AN</b> | 2CLA224800N1801 | 5 |
| Champagne  | <b>N2248 CV</b> | 2CLA224800N1901 | 5 |

### Key switches

| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Key switch 2-way, 3 positions, SP - 1M</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 5A.<br/>           Key removable in the 3 positions.<br/>           Unique key for each lock.<br/>           Suitable for blinds, shutters, etc.</p> |                   |                 |          |
| White  | <b>N2153.1 BL</b> | 2CLA215310N1101 | 1        |
| Silver   | <b>N2153.1 PL</b> | 2CLA215310N1301 | 1        |
| Anthracite   | <b>N2153.1 AN</b> | 2CLA215310N1801 | 1        |
| Champagne  | <b>N2153.1 CV</b> | 2CLA215310N1901 | 1        |

|   |                 |                 |   |
|---|-----------------|-----------------|---|
|  <p><b>Key switch 1-way, 2 positions, SP - 2M</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 5A.<br/>           Key removable in the 2 positions.<br/>           Unique key for each lock.<br/>           Suitable for alarms.</p> |                 |                 |   |
| White   | <b>N2253 BL</b> | 2CLA225300N1101 | 1 |
| Silver  | <b>N2253 PL</b> | 2CLA225300N1301 | 1 |
| Anthracite  | <b>N2253 AN</b> | 2CLA225300N1801 | 1 |
| Champagne   | <b>N2253 CV</b> | 2CLA225300N1901 | 1 |


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>Key switch 2-way, 3 positions, SP - 2M</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 150mA.<br/>           Key removable in "OFF" position.<br/>           Unique key for each lock.<br/>           Suitable for blinds, shutters, etc.</p> |                   |                 |   |
| White  | <b>N2253.1 BL</b> | 2CLA225310N1101 | 1 |
| Silver   | <b>N2253.1 PL</b> | 2CLA225310N1301 | 1 |
| Anthracite   | <b>N2253.1 AN</b> | 2CLA225310N1801 | 1 |
| Champagne  | <b>N2253.1 CV</b> | 2CLA225310N1901 | 1 |


|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>Key push-button 1-way, 2 positions, SP - 2M</b><br/>           Rated voltage: 110 - 250 Vac.<br/>           Rated current: 5A.<br/>           Key removable in "OFF" position.<br/>           Unique key for each lock.<br/>           Suitable for alarms.</p> |                   |                 |   |
| White   | <b>N2253.2 BL</b> | 2CLA225320N1101 | 1 |
| Silver  | <b>N2253.2 PL</b> | 2CLA225320N1301 | 1 |
| Anthracite  | <b>N2253.2 AN</b> | 2CLA225320N1801 | 1 |
| Champagne   | <b>N2253.2 CV</b> | 2CLA225320N1901 | 1 |





# Zenit


## Blind controls


| Color   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Push-button blind control 1-gang - 1M</b><br/>Rated voltage: 110 - 250 Vac.<br/>Rated current: 10A.<br/>Direct control.</p> |                 |                 |          |
| White   | <b>N2144 BL</b> | 2CLA214400N1101 | 5        |
| Silver  | <b>N2144 PL</b> | 2CLA214400N1301 | 5        |
| Anthracite  | <b>N2144 AN</b> | 2CLA214400N1801 | 5        |
| Champagne   | <b>N2144 CV</b> | 2CLA214400N1901 | 5        |
| Total White   | <b>N2144 BB</b> | 2CLA214400N1201 | 5        |
| Total Anthracite  | <b>N2144 AA</b> | 2CLA214400N1601 | 5        |

|   |                 |                 |   |
|---|-----------------|-----------------|---|
|  <p><b>Push-button blind control 2-gangs - 2M</b><br/>Rated voltage: 110 - 250 Vac.<br/>Rated current: 16A.<br/>Direct control.<br/>Interlocked gangs.</p> |                 |                 |   |
| White   | <b>N2244 BL</b> | 2CLA224400N1101 | 5 |
| Silver  | <b>N2244 PL</b> | 2CLA224400N1301 | 5 |
| Anthracite  | <b>N2244 AN</b> | 2CLA224400N1801 | 5 |
| Champagne   | <b>N2244 CV</b> | 2CLA224400N1901 | 5 |

|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>Switch blind control 1-gang - 1M</b><br/>Rated voltage: 110 - 250 Vac.<br/>Rated current: 10(3)A.<br/>Direct control.</p> |                   |                 |   |
| White   | <b>N2144.1 BL</b> | 2CLA214410N1101 | 5 |
| Silver  | <b>N2144.1 PL</b> | 2CLA214410N1301 | 5 |
| Anthracite  | <b>N2144.1 AN</b> | 2CLA214410N1801 | 5 |
| Champagne   | <b>N2144.1 CV</b> | 2CLA214410N1901 | 5 |
| Total White   | <b>N2144.1 BB</b> | 2CLA214410N1201 | 5 |
| Total Anthracite  | <b>N2144.1 AA</b> | 2CLA214410N1601 | 5 |


|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>Switch blind control 2-gangs - 2M</b><br/>Rated voltage: 110 - 250 Vac.<br/>Rated current: 16 AX.<br/>Rated power iLED (230/127 Vac): 200/100 W.<br/>Direct control.<br/>Interlocked gangs.</p> |                   |                 |   |
| White   | <b>N2244.1 BL</b> | 2CLA224410N1101 | 5 |
| Anthracite  | <b>N2244.1 AN</b> | 2CLA224410N1301 | 5 |
| Silver  | <b>N2244.1 PL</b> | 2CLA224410N1801 | 5 |
| Champagne   | <b>N2244.1 CV</b> | 2CLA224410N1901 | 5 |


| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Electronic blind control 1-gang - 2M</b><br/>Rated voltage: 110 - 250 Vac; 50/60 Hz.<br/>Rated current: 700VA@230Vac / 350VA@127Vac.<br/>Direct control.<br/>Green locator LED included.<br/>Functions:<br/>- PERS: standard blinds control. Optionally other N2244 inserts can be connected to the N2261.2 to control the blind from other locations.<br/>- LAM: venetian type blinds control. Optionally other N2244 inserts can be connected to the N2261.2 to control the blind from other locations.<br/>- Centralization (CEN): one N2261.2 can control all the N2261.2 centrally.</p> |                   |                 |          |
| White  | <b>N2261.2 BL</b> | 2CLA226120N1101 | 1        |
| Silver   | <b>N2261.2 PL</b> | 2CLA226120N1301 | 1        |
| Anthracite   | <b>N2261.2 AN</b> | 2CLA226120N1801 | 1        |
| Champagne  | <b>N2261.2 CV</b> | 2CLA226120N1901 | 1        |


|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>Electronic blind control 1-gang - 2M</b><br/>Rated voltage: 110 - 250 Vac; 50/60 Hz.<br/>Rated current: 700VA@230Vac / 350VA@127Vac.<br/>Direct control.<br/>White locator LED included.<br/>Functions:<br/>- PERS: standard blinds control. Optionally other N2244 inserts can be connected to the N2261.2 to control the blind from other locations.<br/>- LAM: venetian type blinds control. Optionally other N2244 inserts can be connected to the N2261.2 to control the blind from other locations.<br/>- Centralization (CEN): one N2261.2 can control all the N2261.2 centrally.</p> |                    |                 |   |
| White-W   | <b>N2261.21 BL</b> | 2CLA226121N1201 | 1 |
| Silver-W  | <b>N2261.21 PL</b> | 2CLA226121N1101 | 1 |
| Anthracite-W  | <b>N2261.21 AN</b> | 2CLA226121N1601 | 1 |
| Champagne-W   | <b>N2261.21 CV</b> | 2CLA226121N1901 | 1 |


# Zenit


## Socket outlets


| Color  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Locator LED lamp kit - Card switch</b><br/>Suitable for N2214.1 card switches.<br/>LED lamp.<br/>N2193 NG &amp; N2193 BB: 230Vac / 0,7mA<br/>N2193 VD: 127Vac / 0,7mA<br/>Toolless front connection.</p> |                 |                 |          |
| Green  | <b>N2193 NG</b> | 2CLA219310N1001 | 20       |
| Green  | <b>N2193 VD</b> | 2CLA219300N1001 | 20       |
| White  | <b>N2193 BB</b> | 2CLA219300N1201 | 20       |


|  |                 |                 |    |
|--|-----------------|-----------------|----|
|  <p><b>Locator lamp kit - 1-way SP switches and push-buttons</b><br/>Suitable for 1-way SP switches and SP NO push-buttons.<br/>LED lamp.<br/>N2191 VD &amp; N2191 BB: 230Vac / 0,2mA<br/>N2191 BL: 127Vac / 0,2mA<br/>Toolless front connection.<br/>Includes diffusers for 1 and 2 module rocker covers.<br/>Rated current: &lt;0,2 mA. Specially designed for CFL and LED lamps.</p> |                 |                 |    |
| Green  | <b>N2191 VD</b> | 2CLA219100N1001 | 10 |
| Green  | <b>N2191 BL</b> | 2CLA219110N1001 | 10 |
| White  | <b>N2191 BB</b> | 2CLA219100N1201 | 10 |


|   |                   |                 |    |
|---|-------------------|-----------------|----|
|  <p><b>Locator lamp kit - DP, 2-way and intermediate switches</b><br/>Suitable for 1-way DP switches, 2-way SP switches and intermediate switches.<br/>LED lamp.<br/>N2192 RJ &amp; N2192 BB: 230Vac / 0,2mA<br/>N2192 NG: 127Vac / 0,2mA<br/>N2192.2 BB: 24V / 2mA<br/>Toolless front connection.<br/>Includes diffusers for 1 and 2 module rocker covers.<br/>Rated current: &lt;0,2 mA. Specially designed for CFL and LED lamps.</p> |                   |                 |    |
| Green   | <b>N2192 RJ</b>   | 2CLA219200N1001 | 10 |
| Green   | <b>N2192 NG</b>   | 2CLA219210N1001 | 10 |
| White   | <b>N2192 BB</b>   | 2CLA219200N1201 | 10 |
| White   | <b>N2192.2 BB</b> | 2CLA219220N1201 | 10 |

|   |                   |                 |    |
|---|-------------------|-----------------|----|
|  <p><b>Locator LED lamp for screw-nut switch / push-button</b> <span style="color: red; font-weight: bold;">NEW</span><br/>Suitable for N2101.T, N2101.2T, N2102.T and N2110.T switches and N2104.7T push-buttons.<br/>LED lamp.<br/>N2194 BB: 230 Vac<br/>N2194.1 BB: 127 Vac<br/>N2194.2 BB: 24 V<br/>Toolless front connection.</p> |                   |                 |    |
| White   | <b>N2194 BB</b>   | 2CLA219400N1201 | 20 |
| White   | <b>N2194.1 BB</b> | 2CLA219410N1201 | 20 |
| White   | <b>N2194.2 BB</b> | 2CLA219420N1201 | 20 |

| Color   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Decorative trim - 1M</b><br/>Spare decorative trim.<br/>Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts.</p> |                 |                 |          |
| Green diffuser  | <b>N2170 VD</b> | 2CLA217000N1001 | 20       |
| White diffuser  | <b>N2170 TL</b> | 2CLA217000N1201 | 20       |
| White   | <b>N2170 BL</b> | 2CLA217000N1101 | 20       |
| Anthracite  | <b>N2170 AN</b> | 2CLA217000N1401 | 20       |
| Chrome  | <b>N2170 CR</b> | 2CLA217000N1801 | 20       |
| Champagne   | <b>N2170 CV</b> | 2CLA217000N1901 | 20       |

|  |                 |                 |    |
|--|-----------------|-----------------|----|
|  <p><b>Decorative trim - 1,5M</b><br/>Spare decorative trim.<br/>Suitable for N2801, N2802 and N2810 inserts.</p> |                 |                 |    |
| White  | <b>N2870 BL</b> | 2CLA287000N1101 | 20 |
| Anthracite   | <b>N2870 AN</b> | 2CLA287000N1801 | 20 |
| Champagne  | <b>N2870 CV</b> | 2CLA287000N1901 | 20 |

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Decorative trim - 2M</b><br/>Spare decorative trim.<br/>Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts.</p> |                 |                 |    |
| Green diffuser  | <b>N2270 VD</b> | 2CLA227000N1001 | 20 |
| White diffuser  | <b>N2270 TL</b> | 2CLA227000N1201 | 20 |
| White   | <b>N2270 BL</b> | 2CLA227000N1101 | 20 |
| Chrome  | <b>N2270 CR</b> | 2CLA227000N1401 | 20 |
| Anthracite  | <b>N2270 AN</b> | 2CLA227000N1801 | 20 |
| Champagne   | <b>N2270 CV</b> | 2CLA227000N1901 | 20 |

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Decorative trim - 3M</b><br/>Spare decorative trim.<br/>Suitable for N2301, N2302, N2310 and N2304 inserts.</p> |                 |                 |    |
| White   | <b>N2370 BL</b> | 2CLA237000N1101 | 20 |
| Anthracite  | <b>N2370 AN</b> | 2CLA237000N1801 | 20 |
| Champagne   | <b>N2370 CV</b> | 2CLA237000N1901 | 20 |

# Zenit

## Socket outlets

| Color | Article-No. | Order-No. | Pack/Qty |
|-------|-------------|-----------|----------|
|-------|-------------|-----------|----------|



### Schuko socket outlet - 2M

Rated voltage: 250 Vac.  
Rated current: 16A.  
Type F: 2P + E.  
Shuttered for child safety.  
Screw terminals.

|            |                 |                 |    |
|------------|-----------------|-----------------|----|
| White      | <b>N2288 BL</b> | 2CLA228800N1101 | 10 |
| Silver     | <b>N2288 PL</b> | 2CLA228800N1301 | 10 |
| Anthracite | <b>N2288 AN</b> | 2CLA228800N1801 | 10 |
| Champagne  | <b>N2288 CV</b> | 2CLA228800N1901 | 10 |
| Red        | <b>N2288 RJ</b> | 2CLA228800N7001 | 5  |
| Green      | <b>N2288 VD</b> | 2CLA228800N8001 | 5  |
| Orange     | <b>N2288 NA</b> | 2CLA228800N9001 | 5  |



### Schuko socket outlet screwless terminal - 2M

Rated voltage: 250 Vac.  
Rated current: 16A.  
Type F: 2P + E.  
Shuttered for child safety.  
Screwless terminals.

|            |                   |                 |    |
|------------|-------------------|-----------------|----|
| White      | <b>N2288.6 BL</b> | 2CLA228860N1101 | 10 |
| Silver     | <b>N2288.6 PL</b> | 2CLA228860N1301 | 10 |
| Anthracite | <b>N2288.6 AN</b> | 2CLA228860N1801 | 10 |
| Champagne  | <b>N2288.6 CV</b> | 2CLA228860N1901 | 10 |



### Schuko socket outlet with lid - 2M

Rated voltage: 250 Vac.  
Rated current: 16A.  
Type F: 2P + E.  
Shuttered for child safety.  
Screw terminals.  
Lid with notch. 180° opening.

|            |                   |                 |    |
|------------|-------------------|-----------------|----|
| White      | <b>N2288.1 BL</b> | 2CLA228810N1101 | 10 |
| Silver     | <b>N2288.1 PL</b> | 2CLA228810N1301 | 10 |
| Anthracite | <b>N2288.1 AN</b> | 2CLA228810N1801 | 10 |
| Champagne  | <b>N2288.1 CV</b> | 2CLA228810N1901 | 10 |



### European unearthed socket outlet - 2M

Rated voltage: 250 Vac.  
Rated current: 16A.  
Type C: 2P (non earthed).  
Shuttered for child safety.  
Screw terminals.

|            |                 |                 |    |
|------------|-----------------|-----------------|----|
| White      | <b>N2203 BL</b> | 2CLA220300N1101 | 10 |
| Silver     | <b>N2203 PL</b> | 2CLA220300N1301 | 10 |
| Anthracite | <b>N2203 AN</b> | 2CLA220300N1801 | 10 |
| Champagne  | <b>N2203 CV</b> | 2CLA220300N1901 | 10 |

| Color | Article-No. | Order-No. | Pack/Qty |
|-------|-------------|-----------|----------|
|-------|-------------|-----------|----------|



### French/Earth-pin socket outlet - 2M

Rated voltage: 250 Vac.  
Rated current: 16A.  
Type E: 2P + E.  
Shuttered for child safety.  
Screw terminals.

|            |                 |                 |    |
|------------|-----------------|-----------------|----|
| White      | <b>N2287 BL</b> | 2CLA228700N1101 | 10 |
| Silver     | <b>N2287 PL</b> | 2CLA228700N1301 | 10 |
| Anthracite | <b>N2287 AN</b> | 2CLA228700N1801 | 10 |
| Champagne  | <b>N2287 CV</b> | 2CLA228700N1901 | 10 |
| Red        | <b>N2287 RJ</b> | 2CLA228770N1001 | 10 |



### French/Earth-pin socket outlet screwless - 2M

Rated voltage: 250 Vac.  
Rated current: 16A.  
Type E: 2P + E.  
Shuttered for child safety.  
Screwless terminals.

|            |                   |                 |    |
|------------|-------------------|-----------------|----|
| White      | <b>N2287.6 BL</b> | 2CLA228760N1101 | 10 |
| Silver     | <b>N2287.6 PL</b> | 2CLA228760N1301 | 10 |
| Anthracite | <b>N2287.6 AN</b> | 2CLA228760N1801 | 10 |
| Champagne  | <b>N2287.6 CV</b> | 2CLA228760N1901 | 10 |
| Red        | <b>N2287.6 RJ</b> | 2CLA228760N7001 | 10 |
| Green      | <b>N2287.6 VD</b> | 2CLA228760N8001 | 10 |




### Italian / German socket outlet - 2M


Rated voltage: 250 Vac.  
Rated current: 10 / 16A.  
Type F+L: 2P + E / P30/17.  
Shuttered for child safety.  
Screw terminals.


|            |                 |                 |    |
|------------|-----------------|-----------------|----|
| White      | <b>N2233 BL</b> | 2CLA223300N1101 | 10 |
| Silver     | <b>N2233 PL</b> | 2CLA223300N1301 | 10 |
| Anthracite | <b>N2233 AN</b> | 2CLA223300N1801 | 10 |
| Champagne  | <b>N2233 CV</b> | 2CLA223300N1901 | 10 |
| Red        | <b>N2233 RJ</b> | 2CLA223300N7001 | 10 |


# Zenit


## Socket outlets


| Color   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Italian 10/16A socket outlet - 1M</b><br/>           Rated voltage: 250 Vac.<br/>           Rated current: 10 / 16A.<br/>           Type L: 2P + E / P17/11.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p> |                 |                 |          |
| White   | <b>N2133 BL</b> | 2CLA213300N1101 | 20       |
| Silver  | <b>N2133 PL</b> | 2CLA213300N1301 | 20       |
| Anthracite  | <b>N2133 AN</b> | 2CLA213300N1801 | 20       |
| Champagne   | <b>N2133 CV</b> | 2CLA213300N1901 | 20       |
| Red   | <b>N2133 RJ</b> | 2CLA213300N7001 | 20       |


|  |                   |                 |    |
|--|-------------------|-----------------|----|
|  <p><b>Italian 10A socket outlet - 1M</b><br/>           Rated voltage: 250 Vac.<br/>           Rated current: 10A.<br/>           Type L: 2P + E / P11.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p> |                   |                 |    |
| White  | <b>N2133.1 BL</b> | 2CLA213310N1101 | 20 |
| Silver   | <b>N2133.1 PL</b> | 2CLA213310N1301 | 20 |
| Anthracite   | <b>N2133.1 AN</b> | 2CLA213310N1801 | 20 |
| Champagne  | <b>N2133.1 CV</b> | 2CLA213310N1901 | 20 |
| Red  | <b>N2133.1 RJ</b> | 2CLA213310N7001 | 20 |


|  |                 |                 |    |
|--|-----------------|-----------------|----|
|  <p><b>American earthed socket outlet - 1M</b><br/>           Rated voltage: 125 Vac.<br/>           Rated current: 15A.<br/>           Type B: 2P + E / NEMA 5-15R.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p> |                 |                 |    |
| White  | <b>N2128 BL</b> | 2CLA212800N1101 | 20 |
| Silver   | <b>N2128 PL</b> | 2CLA212800N1301 | 20 |
| Anthracite   | <b>N2128 AN</b> | 2CLA212800N1801 | 20 |
| Champagne  | <b>N2128 CV</b> | 2CLA212800N1901 | 20 |

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>American earthed duplex socket outlet - 3M</b><br/>           Rated voltage: 125 Vac.<br/>           Rated current: 15A.<br/>           Type B: 2P + E / NEMA 5-15R.<br/>           Duplex outlet.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p> |                 |                 |    |
| White   | <b>N2328 BL</b> | 2CLA232800N1101 | 20 |
| Silver  | <b>N2328 PL</b> | 2CLA232800N1301 | 20 |
| Anthracite  | <b>N2328 AN</b> | 2CLA232800N1801 | 20 |
| Champagne   | <b>N2328 CV</b> | 2CLA232800N1901 | 20 |

| Color   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Euro-American unearthed socket outlet - 1M</b><br/>           Rated voltage: 125 / 250 Vac.<br/>           Rated current: 15 / 16A.<br/>           Type A+C: 2P / NEMA 1-15R (non-earthed).<br/>           Screw terminals.</p> |                 |                 |          |
| White   | <b>N2135 BL</b> | 2CLA213501N1101 | 20       |
| Silver  | <b>N2135 PL</b> | 2CLA213501N1301 | 20       |
| Anthracite  | <b>N2135 AN</b> | 2CLA213501N1801 | 20       |
| Champagne   | <b>N2135 CV</b> | 2CLA213501N1901 | 20       |




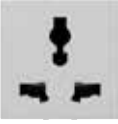
|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Euro-American earthed socket outlet - 1M</b><br/>           Rated voltage: 125 / 250 Vac.<br/>           Rated current: 15 / 16 A.<br/>           Type B+C: 2P / NEMA 5-15R.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p> |                 |                 |    |
| White   | <b>N2138 BL</b> | 2CLA213800N1101 | 20 |
| Silver  | <b>N2138 PL</b> | 2CLA213800N1301 | 20 |
| Anthracite  | <b>N2138 AN</b> | 2CLA213800N1801 | 20 |
| Champagne   | <b>N2138 CV</b> | 2CLA213800N1901 | 20 |

|  |                 |                 |    |
|--|-----------------|-----------------|----|
|  <p><b>Euro-American earthed socket outlet - 2M</b><br/>           Rated voltage: 125 / 250 Vac.<br/>           Rated current: 15 / 16A.<br/>           Type B+C: 2P / NEMA 5-15R.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p> |                 |                 |    |
| White  | <b>N2238 BL</b> | 2CLA223801N1101 | 10 |
| Silver   | <b>N2238 PL</b> | 2CLA223801N1301 | 10 |
| Anthracite   | <b>N2238 AN</b> | 2CLA223801N1801 | 10 |
| Champagne  | <b>N2238 CV</b> | 2CLA223801N1901 | 10 |





|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Euro-American duplex socket outlet - 3M</b><br/>           Rated voltage: 125 / 250 Vac.<br/>           Rated current: 15 / 16A.<br/>           Type B+C: 2P / NEMA 5-15R.<br/>           Duplex outlet.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p> |                 |                 |    |
| White   | <b>N2338 BL</b> | 2CLA233800N1101 | 20 |
| Silver  | <b>N2338 PL</b> | 2CLA233800N1301 | 20 |
| Anthracite  | <b>N2338 AN</b> | 2CLA233800N1801 | 20 |
| Champagne   | <b>N2338 CV</b> | 2CLA233800N1901 | 20 |

## Zenit

### Socket outlets


| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Brazilian 10A socket outlet - 1M</b><br/>           Rated voltage: 250 Vac.<br/>           Rated current: 10 A.<br/>           Type N: 2P + E.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p>                                |                   |                 |          |
| White  | <b>N2136 BL</b>   | 2CLA213600N1101 | 20       |
| Silver   | <b>N2136 PL</b>   | 2CLA213600N1301 | 20       |
| Anthracite   | <b>N2136 AN</b>   | 2CLA213600N1801 | 20       |
| Champagne  | <b>N2136 CV</b>   | 2CLA213600N1901 | 20       |
| Red  | <b>N2136 RJ</b>   | 2CLA213600N7001 | 20       |
|  <p><b>Brazilian 20A socket outlet - 1M</b><br/>           Rated voltage: 250 Vac.<br/>           Rated current: 20 A.<br/>           Type N: 2P + E.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p>                                |                   |                 |          |
| White  | <b>N2136.2 BL</b> | 2CLA213620N1101 | 20       |
| Silver   | <b>N2136.2 PL</b> | 2CLA213620N1301 | 20       |
| Anthracite   | <b>N2136.2 AN</b> | 2CLA213620N1801 | 20       |
| Champagne  | <b>N2136.2 CV</b> | 2CLA213620N1901 | 20       |
| Red  | <b>N2136.2 RJ</b> | 2CLA213620N7001 | 20       |
|  <p><b>British type socket outlet - 2M</b><br/>           Rated voltage: 250 Vac.<br/>           Rated current: 13A.<br/>           Type G: 2P + E.<br/>           Without switch.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p> |                   |                 |          |
| White  | <b>N2237 BL</b>   | 2CLA223700N1101 | 10       |
| Silver   | <b>N2237 PL</b>   | 2CLA223700N1301 | 10       |
| Anthracite   | <b>N2237 AN</b>   | 2CLA223700N1801 | 10       |
| Champagne  | <b>N2237 CV</b>   | 2CLA223700N1901 | 10       |
|  <p><b>Universal socket outlet - 2M</b><br/>           Rated voltage: 125 / 250 Vac.<br/>           Rated current: 13 / 16A.<br/>           Multiple type: 2P + E.<br/>           Shuttered for child safety.<br/>           Screw terminals.</p>                 |                   |                 |          |
| White  | <b>N2239 BL</b>   | 2CLA223900N1101 | 10       |
| Silver   | <b>N2239 PL</b>   | 2CLA223900N1301 | 10       |
| Anthracite   | <b>N2239 AN</b>   | 2CLA223900N1801 | 10       |
| Champagne  | <b>N2239 CV</b>   | 2CLA223900N1901 | 10       |


### USB chargers


| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>USB charger type-A 3,75W, 1-gang - 1M</b><br/>           Input: 100 - 240 Vac <math>\pm 10\%</math>; 50/60 Hz. Max. 0,12 A.<br/>           Output: 5 Vdc <math>\pm 5\%</math>. 750 mA.<br/>           Power consumption in stand-by: <math>\leq 0,3W@230Vac</math>.<br/>           Energy efficiency: <math>\geq 66\%</math>.</p>  |                   |                 |          |
| White  | <b>N2185 BL</b>   | 2CLA218500N1101 | 1        |
| Silver   | <b>N2185 PL</b>   | 2CLA218500N1301 | 1        |
| Anthracite   | <b>N2185 AN</b>   | 2CLA218500N1801 | 1        |
| Champagne  | <b>N2185 CV</b>   | 2CLA218500N1901 | 1        |
|  <p><b>USB charger type-A 10W, 1-gang - 1M</b><br/>           Input: 100 - 230 Vac <math>\pm 10\%</math>; 50/60 Hz. Max. 0,20 A.<br/>           Output: 5 Vdc <math>\pm 5\%</math>. 2 A.<br/>           Power consumption in stand-by: <math>\leq 0,01W@230Vac</math>.<br/>           Energy efficiency: <math>\geq 79\%</math>.</p>  |                   |                 |          |
| White  | <b>N2185.2 BL</b> | 2CLA218520N1101 | 1        |
| Silver   | <b>N2185.2 PL</b> | 2CLA218520N1301 | 1        |
| Anthracite   | <b>N2185.2 AN</b> | 2CLA218520N1801 | 1        |
| Champagne  | <b>N2185.2 CV</b> | 2CLA218520N1901 | 1        |
|  <p><b>USB charger type-A+A 7,5W, 2-gang - 2M</b> <span style="color: red; font-weight: bold;">NEW</span><br/>           Input: 100 - 240 Vac <math>\pm 10\%</math>; 50/60 Hz. Max. 0,20 A.<br/>           Output: 5 Vdc <math>\pm 5\%</math>. 1,5 A (total for both gangs).<br/>           Power consumption in stand-by: <math>\leq 0,3W@230Vac</math>.<br/>           Energy efficiency: <math>\geq 71\%</math>.</p>   |                   |                 |          |
| White  | <b>N2285 BL</b>   | 2CLA228500N1101 | 1        |
| Silver   | <b>N2285 PL</b>   | 2CLA228500N1301 | 1        |
| Anthracite   | <b>N2285 AN</b>   | 2CLA228500N1801 | 1        |
| Champagne  | <b>N2285 CV</b>   | 2CLA228500N1901 | 1        |
|  <p><b>USB charger type-A+C 18W, 2-gang - 2M</b> <span style="color: red; font-weight: bold;">NEW</span><br/>           Input N2285.1: 230V~ 10%; 50/60Hz. Max. 275 mA.<br/>           Input N2285.7: 127V~ 10%; 50/60Hz. Max. 400 mA.<br/>           Output voltage USB-A: 5 Vdc (max. 2,4 A).<br/>           Output voltage USB-C: 5 Vdc (max. 3 A) / 9 Vdc (max. 2 A) / 12 Vdc (max. 1,5A).<br/>           Output voltage USB-A+C: 5 Vdc (max. 1,5A per gang).<br/>           Power consumption in stand-by: <math>\leq 75\text{ mW}</math>.<br/>           Energy efficiency: 85 %.</p> |                   |                 |          |
| White  | <b>N2285.1 BL</b> | 2CLA228510N1101 | 1        |
| Silver   | <b>N2285.1 PL</b> | 2CLA228510N1301 | 1        |
| Anthracite   | <b>N2285.1 AN</b> | 2CLA228510N1801 | 1        |
| Champagne  | <b>N2285.1 CV</b> | 2CLA228510N1901 | 1        |
| White  | <b>N2285.7 BL</b> | 2CLA228570N1101 | 1        |
| Silver   | <b>N2285.7 PL</b> | 2CLA228570N1301 | 1        |
| Anthracite   | <b>N2285.7 AN</b> | 2CLA228570N1801 | 1        |
| Champagne  | <b>N2285.7 CV</b> | 2CLA228570N1901 | 1        |


## Zenit


### Protection devices

| Color   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Fuse holder - 1M</b><br/>Rated voltage: 250 Vac.<br/>Rated current: 16A.<br/>Fuse type / dimension: glass tube / 6 x 24 mm.</p> |                 |                 |          |
| White   | <b>N2108 BL</b> | 2CLA210800N1101 | 20       |
| Silver  | <b>N2108 PL</b> | 2CLA210800N1301 | 20       |
| Anthracite  | <b>N2108 AN</b> | 2CLA210800N1801 | 20       |
| Champagne   | <b>N2108 CV</b> | 2CLA210800N1901 | 20       |

|   |                 |                 |    |
|---|-----------------|-----------------|----|
|  <p><b>Fuse holder - 2M</b><br/>Rated voltage: 250 Vac.<br/>Rated current: 16A.<br/>Fuse type / dimension: glass tube / 6 x 24 mm.</p> |                 |                 |    |
| White   | <b>N2208 BL</b> | 2CLA220800N1101 | 10 |
| Silver  | <b>N2208 PL</b> | 2CLA220800N1301 | 10 |
| Anthracite  | <b>N2208 AN</b> | 2CLA220800N1801 | 10 |
| Champagne   | <b>N2208 CV</b> | 2CLA220800N1901 | 10 |




| Color   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Circuit breaker 6A &amp; RCD - 2M</b><br/>Rated voltage: 120 - 230 Vac; 50/60 Hz.<br/>Rated current: 6A.<br/>Braking capacity: 1.500A.<br/>Residual current (sensitivity - IΔn): 10 mA.<br/>C type magneto-thermic protection.<br/>A type residual current protection.<br/>Two-pole (1P + N) with 1 protected pole.</p> |                   |                 |          |
| White   | <b>N2234.1 BL</b> | 2CLA223410N1101 | 1        |
| Silver  | <b>N2234.1 PL</b> | 2CLA223410N1301 | 1        |
| Anthracite  | <b>N2234.1 AN</b> | 2CLA223410N1801 | 1        |
| Champagne   | <b>N2234.1 CV</b> | 2CLA223410N1901 | 1        |




|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>Circuit breaker 10A &amp; RCD - 2M</b><br/>Rated voltage: 120 - 230 Vac; 50/60 Hz.<br/>Rated current: 10A.<br/>Braking capacity: 3.000A.<br/>Residual current (sensitivity - IΔn): 10 mA.<br/>C type magneto-thermic protection.<br/>A type residual current protection.<br/>Two-pole (1P + N) with 1 protected pole.</p> |                   |                 |   |
| White   | <b>N2234.2 BL</b> | 2CLA223420N1101 | 1 |
| Silver  | <b>N2234.2 PL</b> | 2CLA223420N1301 | 1 |
| Anthracite  | <b>N2234.2 AN</b> | 2CLA223420N1801 | 1 |
| Champagne   | <b>N2234.2 CV</b> | 2CLA223420N1901 | 1 |

|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>Circuit breaker 16A &amp; RCD - 2M</b><br/>Rated voltage: 120 - 230 Vac; 50/60 Hz.<br/>Rated current: 16A.<br/>Braking capacity: 3.000A.<br/>Residual current (sensitivity - IΔn): 10 mA.<br/>C type magneto-thermic protection.<br/>A type residual current protection.<br/>Two-pole (1P + N) with 1 protected pole.</p> |                   |                 |   |
| White   | <b>N2234.3 BL</b> | 2CLA223430N1101 | 1 |
| Silver  | <b>N2234.3 PL</b> | 2CLA223430N1301 | 1 |
| Anthracite  | <b>N2234.3 AN</b> | 2CLA223430N1801 | 1 |
| Champagne   | <b>N2234.3 CV</b> | 2CLA223430N1901 | 1 |

# Zenit


## TV socket outlets

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>TV / R terminal outlet</b><br/>TV and R double outlet - Final.<br/>Without filter.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 862 MHz / 5 - 862 MHz / 5 - 862 MHz.<br/>Basic loss (FM / DAB / VHF / UHF):<br/>10,0±0,7 dB / 10,0 ±1,5 dB / 4,0±1,5 dB / 3,0±0,5 dB.<br/>Isolation (FM / TV): &gt;14 / &gt;14.<br/>Return loss (FM / TV): &gt;18 / &gt;10.<br/>To be installed with N2250.8 cover plates.<br/>Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>  | <b>8150</b>   | 2CLA815000A1001 | 10       |
|  <p><b>TV / R final outlet - CATV outlet</b><br/>TV and R double outlet - CATV outlet - Final.<br/>With filter.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (C1 / C2):<br/>5 - 68 &amp; 118 - 1.000 MHz / 87,5 - 108 MHz.<br/>Basic loss (R / FM / TV):<br/>0,3±0,1 dB / 1,1 ±0,3 dB / 0,9±0,3 dB.<br/>Isolation (FM / TV): &gt;18 / &gt;16.<br/>Selectivity (FM / TV): &gt;10 / &gt;18.<br/>Return loss (R / FM / TV): &gt;18 / &gt;16 / &gt;18.<br/>Chroma-luminance delay (ns): &lt;10.<br/>To be installed with N2250.8 cover plates.<br/>Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>                     | <b>8150.3</b> | 2CLA815030A1001 | 10       |
|  <p><b>TV / R loop-through outlet</b><br/>TV and R double outlet - Intermediate.<br/>Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor.<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz.<br/>Basic loss (FM / DAB / VHF / UHF):<br/>25±1,5 dB / 25 ±1,5 dB / 8,0±0,7 dB / 8,0±0,7 dB.<br/>Through loss (FM / VHF / UHF):<br/>2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB.<br/>Directivity (FM / TV): &gt;12 dB / &gt;9 dB.<br/>Isolation (FM / TV): &gt;16 / &gt;15.<br/>Return loss (FM / TV): &gt;12 / &gt;12.<br/>To be installed with N2250.8 cover plates.<br/>Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p> | <b>8150.7</b> | 2CLA815070A1001 | 10       |

| Color   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Cover plate for TV/R outlet - 2M</b><br/>Cover plates for outlets with 2 connectors codes 8150, 8150.3 and 8150.7.<br/>Covers prepared to fix the frame to the wall.<br/>TV and R engraved in the front.</p>  |                   |                 |          |
| White   | <b>N2250.8 BL</b> | 2CLA225080N1101 | 20       |
| Silver  | <b>N2250.8 PL</b> | 2CLA225080N1301 | 20       |
| Anthracite  | <b>N2250.8 AN</b> | 2CLA225080N1801 | 20       |
| Champagne   | <b>N2250.8 CV</b> | 2CLA225080N1901 | 20       |
|  <p><b>TV-R/SAT terminal outlet</b><br/>TV-R and SAT double outlet - Final.<br/>Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor).<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB.<br/>Isolation (FM / TV / SAT): &gt;45 / &gt;14 / &gt;14.<br/>Selectivity (TV-R / SAT): &gt;15 / &gt;15.<br/>Return loss (VR / FM / TV / SAT): &gt;25 / &gt;25 / &gt;14 / &gt;10.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>To be installed with N2250.1 cover plates.<br/>Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p> | <b>8151.3</b>     | 2CLA815130A1001 | 10       |
|  <p><b>TV-R/SAT final outlet</b><br/>TV-R and SAT double outlet - Final.<br/>Installation as a terminal outlet connected to a series with loop-through outlets.<br/>Connection: screw terminal and clamp.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB.<br/>Isolation (FM / TV / SAT): &gt;20 / &gt;20 / &gt;14.<br/>Return loss (VR / FM / TV / SAT): &gt;16 / &gt;16 / &gt;16 / &gt;9.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>To be installed with N2250.1 cover plates.<br/>Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>  | <b>8151.7</b>     | 2CLA815170A1001 | 10       |

## Zenit

### TV socket outlets

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---------------|-----------------|----------|
|  <p><b>TV-R/SAT loop-through outlet</b><br/>TV-R and SAT double outlet - Intermediate.<br/>Installation as an intermediate outlet in series connected to each other.<br/>Output connectors (C1 / C2):<br/>IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam.<br/>Frequency range (I/O / C1 / C2):<br/>5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz.<br/>Basic loss (FM / TV / SAT):<br/>10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB.<br/>Through loss (FM / TV / SAT):<br/>2,5±0,5 / 2,5±0,7 / 3,0±1,0.<br/>Directivity (FM / TV / SAT): &gt;20 / &gt;12 / &gt;5.<br/>Isolation (FM / TV / SAT): &gt;45 / &gt;30 / &gt;28.<br/>Return loss (VR / FM / TV / SAT): &gt;13 / &gt;13 / &gt;12 / &gt;12.<br/>DC path (Vdc / mA / Tono):<br/>24 max. / 500 max. / 22 KHz - DiSEqC.<br/>To be installed with N2250.1 cover plates.<br/>Fitting boxes with 60mm distance between screws<br/>(codes: 1099, 1999 and 1999.2).</p> | <b>8151.8</b> | 2CLA815180A1001 | 10       |

| Color      | Article-No.       | Order-No.       | Pack/Qty |
|------------|-------------------|-----------------|----------|
| White      | <b>N2250.1 BL</b> | 2CLA225010N1101 | 20       |
| Silver     | <b>N2250.1 PL</b> | 2CLA225010N1301 | 20       |
| Anthracite | <b>N2250.1 AN</b> | 2CLA225010N1801 | 20       |
| Champagne  | <b>N2250.1 CV</b> | 2CLA225010N1901 | 20       |

| Color      | Article-No.       | Order-No.       | Pack/Qty |
|------------|-------------------|-----------------|----------|
| White      | <b>N2251.3 BL</b> | 2CLA225130N1101 | 10       |
| Silver     | <b>N2251.3 PL</b> | 2CLA225130N1301 | 10       |
| Anthracite | <b>N2251.3 AN</b> | 2CLA225130N1801 | 10       |
| Champagne  | <b>N2251.3 CV</b> | 2CLA225130N1901 | 10       |

| Color      | Article-No.       | Order-No.       | Pack/Qty |
|------------|-------------------|-----------------|----------|
| White      | <b>N2251.7 BL</b> | 2CLA225170N1101 | 10       |
| Silver     | <b>N2251.7 PL</b> | 2CLA225170N1301 | 10       |
| Anthracite | <b>N2251.7 AN</b> | 2CLA225170N1801 | 10       |
| Champagne  | <b>N2251.7 CV</b> | 2CLA225170N1901 | 10       |

| Color      | Article-No.       | Order-No.       | Pack/Qty |
|------------|-------------------|-----------------|----------|
| White      | <b>N2251.8 BL</b> | 2CLA225180N1101 | 10       |
| Silver     | <b>N2251.8 PL</b> | 2CLA225180N1301 | 10       |
| Anthracite | <b>N2251.8 AN</b> | 2CLA225180N1801 | 10       |
| Champagne  | <b>N2251.8 CV</b> | 2CLA225180N1901 | 10       |

| Color      | Article-No.       | Order-No.       | Pack/Qty |
|------------|-------------------|-----------------|----------|
| White      | <b>N2251.7 BL</b> | 2CLA225170N1101 | 10       |
| Silver     | <b>N2251.7 PL</b> | 2CLA225170N1301 | 10       |
| Anthracite | <b>N2251.7 AN</b> | 2CLA225170N1801 | 10       |
| Champagne  | <b>N2251.7 CV</b> | 2CLA225170N1901 | 10       |

| Color      | Article-No.       | Order-No.       | Pack/Qty |
|------------|-------------------|-----------------|----------|
| White      | <b>N2251.8 BL</b> | 2CLA225180N1101 | 10       |
| Silver     | <b>N2251.8 PL</b> | 2CLA225180N1301 | 10       |
| Anthracite | <b>N2251.8 AN</b> | 2CLA225180N1801 | 10       |
| Champagne  | <b>N2251.8 CV</b> | 2CLA225180N1901 | 10       |

| Color      | Article-No.     | Order-No.       | Pack/Qty |
|------------|-----------------|-----------------|----------|
| White      | <b>N2252 BL</b> | 2CLA225200N1101 | 20       |
| Silver     | <b>N2252 PL</b> | 2CLA225200N1301 | 20       |
| Anthracite | <b>N2252 AN</b> | 2CLA225200N1801 | 20       |
| Champagne  | <b>N2252 CV</b> | 2CLA225200N1901 | 20       |


| Color | Article-No.       | Order-No.       | Pack/Qty |
|-------|-------------------|-----------------|----------|
| White | <b>N2252.7 BL</b> | 2CLA225270A1002 | 10       |


| Color | Article-No.       | Order-No.       | Pack/Qty |
|-------|-------------------|-----------------|----------|
| White | <b>N2252.8 BL</b> | 2CLA225280A1002 | 10       |





# Zenit


## TV socket outlets


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>TV terminal outlet F-type - 1M</b><br>Single TV outlet.<br>F type - female.<br>For 75 Ω impedance coaxial cable.<br>Frequency range: 0 - 2.000 Mhz.<br>Working voltage: 250 VRMS max.<br>Dielectric withstanding voltage: 500 VRMS min. |                 |          |
| White   | <b>N2150 BL</b>  | 2CLA215000N1101 | 10       |
| Silver  | <b>N2150 PL</b>  | 2CLA215000N1301 | 10       |
| Anthracite  | <b>N2150 AN</b>  | 2CLA215000N1801 | 10       |
| Champagne   | <b>N2150 CV</b>  | 2CLA215000N1901 | 10       |


|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>Cover for TV F-type outlet</b><br>Cover suitable for F-type TV connectors. |                 |    |
| White  | <b>N2150.1 BL</b>   | 2CLA215010N1101 | 20 |
| Silver   | <b>N2150.1 PL</b>   | 2CLA215010N1301 | 20 |
| Anthracite   | <b>N2150.1 AN</b>   | 2CLA215010N1801 | 20 |
| Champagne  | <b>N2150.1 CV</b>   | 2CLA215010N1901 | 20 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>TV terminal outlet M-type - 1M</b><br>Single TV outlet - Dead-end.<br>M type - 9,52 mm. male.<br>For 75 Ω impedance coaxial cable.<br>Frequency range: 5 - 862 Mhz.<br>Output loss: 0,5 dB. |                 |    |
| White   | <b>N2150.7 BL</b>  | 2CLA215070N1101 | 10 |
| Silver  | <b>N2150.7 PL</b>  | 2CLA215070N1301 | 10 |
| Anthracite  | <b>N2150.7 AN</b>  | 2CLA215070N1801 | 10 |
| Champagne   | <b>N2150.7 CV</b>  | 2CLA215070N1901 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>TV terminal outlet M-type - 2M</b><br>Single TV outlet - Dead-end.<br>M type - 9,52 mm. male.<br>For 75 Ω impedance coaxial cable.<br>Frequency range: 5 - 862 Mhz.<br>Output loss: 0,5 dB. |                 |    |
| White   | <b>N2250.7 BL</b>  | 2CLA225070N1101 | 10 |
| Silver  | <b>N2250.7 PL</b>  | 2CLA225070N1301 | 10 |
| Anthracite  | <b>N2250.7 AN</b>  | 2CLA225070N1801 | 10 |
| Champagne   | <b>N2250.7 CV</b>  | 2CLA225070N1901 | 10 |


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>TV intermediate outlet M-type - 1M</b><br>Single TV outlet - Intermediate.<br>M type - 9,52 mm. male.<br>For 75 Ω impedance coaxial cable.<br>Frequency range: 5 - 862 Mhz.<br>Output loss: 11 dB.<br>Through loss: 1,7 dB. |                 |          |
| White   | <b>N2150.8 BL</b>  | 2CLA215080N1101 | 10       |
| Silver  | <b>N2150.8 PL</b>  | 2CLA215080N1301 | 10       |
| Anthracite  | <b>N2150.8 AN</b>  | 2CLA215080N1801 | 10       |
| Champagne   | <b>N2150.8 CV</b>  | 2CLA215080N1901 | 10       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>TV/SAT terminal outlet - 1M</b><br>Single TV outlet - dead-end.<br>- TV: M type - 9,52 mm. male.<br>- SAT: F type - female.<br>For 75 Ω impedance coaxial cable.<br>Frequency range (TV / SAT): 5 - 862 Mhz / 950 - 2.400 MHz.<br>Output loss (TV / SAT): 1 dB / 1 dB.<br>DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz<br>- DiSEqC. |                 |    |
| White   | <b>N2151.7 BL</b>   | 2CLA215170N1101 | 10 |
| Silver  | <b>N2151.7 PL</b>   | 2CLA215170N1301 | 10 |
| Anthracite  | <b>N2151.7 AN</b>   | 2CLA215170N1801 | 10 |
| Champagne   | <b>N2151.7 CV</b>   | 2CLA215170N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>TV/SAT intermediate outlet - 1M</b><br>Single TV outlet - intermediate.<br>- TV: M type - 9,52 mm. male.<br>- SAT: F type - female.<br>For 75 Ω impedance coaxial cable.<br>Frequency range (TV / SAT): 5 - 862 Mhz / 950 - 2.400 MHz.<br>Output loss (TV / SAT): 5 dB / 5 dB.<br>Through loss (TV / SAT): 4 dB / 4 dB.<br>DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz<br>- DiSEqC. |                 |    |
| White   | <b>N2151.8 BL</b>  | 2CLA215180N1101 | 10 |
| Silver  | <b>N2151.8 PL</b>  | 2CLA215180N1301 | 10 |
| Anthracite  | <b>N2151.8 PL</b>  | 2CLA215180N1301 | 10 |
| Champagne   | <b>N2151.8 CV</b>  | 2CLA215180N1901 | 10 |


## Zenit


### VDI outlets


| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>2x RCA connection unit - 1M</b><br/>Front: 2x RCA connectors (Red / White).<br/>Rear: screw terminals (4 wires).</p> |                   |                 |          |
| White  | <b>N2155.2 BL</b> | 2CLA215520N1101 | 1        |
| Silver   | <b>N2155.2 PL</b> | 2CLA215520N1301 | 1        |
| Anthracite   | <b>N2155.2 AN</b> | 2CLA215520N1801 | 1        |
| Champagne  | <b>N2155.2 CV</b> | 2CLA215520N1901 | 1        |


|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>3x RCA connection unit - 1M</b><br/>Front: 3x RCA connectors (Red / White / Yellow).<br/>Rear: screw terminals (6 wires).</p> |                   |                 |   |
| White   | <b>N2155.3 BL</b> | 2CLA215530N1101 | 1 |
| Silver  | <b>N2155.3 PL</b> | 2CLA215530N1301 | 1 |
| Anthracite  | <b>N2155.3 AN</b> | 2CLA215530N1801 | 1 |
| Champagne   | <b>N2155.3 CV</b> | 2CLA215530N1901 | 1 |


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>HDMI connection unit - 1M</b><br/>Front: 1x HDMI connector (Type A connector).<br/>Rear: screwless terminals (20 wires).</p> |                   |                 |   |
| White  | <b>N2155.6 BL</b> | 2CLA215560N1101 | 1 |
| Silver   | <b>N2155.6 PL</b> | 2CLA215560N1301 | 1 |
| Anthracite   | <b>N2155.6 AN</b> | 2CLA215560N1801 | 1 |
| Champagne  | <b>N2155.6 CV</b> | 2CLA215560N1901 | 1 |


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>HDMI female-female connection unit - 1M</b><br/>Front: 1x HDMI connector (Type A connector).<br/>Rear: 1x HDMI connector (Type A connector) fitted at 90° angle.</p> |                   |                 |   |
| White  | <b>N2155.7 BL</b> | 2CLA215570N1101 | 1 |
| Silver   | <b>N2155.7 PL</b> | 2CLA215570N1301 | 1 |
| Anthracite   | <b>N2155.7 AN</b> | 2CLA215570N1801 | 1 |
| Champagne  | <b>N2155.7 CV</b> | 2CLA215570N1901 | 1 |


|  |                    |                 |   |
|--|--------------------|-----------------|---|
|  <p><b>HDMI female-female connection unit with cable - 1M</b><br/>Front: 1x HDMI connector (Type A connector).<br/>Rear: 1x HDMI connector (Type A connector) with 20 cm cable extension.</p> |                    |                 |   |
| White  | <b>N2155.71 BL</b> | 2CLA215571N1101 | 1 |
| Silver   | <b>N2155.71 PL</b> | 2CLA215571N1301 | 1 |
| Anthracite   | <b>N2155.71 AN</b> | 2CLA215571N1801 | 1 |
| Champagne  | <b>N2155.71 CV</b> | 2CLA215571N1901 | 1 |

| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Mini-Jack connection unit - 1M</b><br/>Front: 1x Mini-Jack connector (3,5 mm. stereo audio jack).<br/>Rear: screw terminals (3/4 wires).</p> |                   |                 |          |
| White  | <b>N2155.4 BL</b> | 2CLA215540N1101 | 1        |
| Silver   | <b>N2155.4 PL</b> | 2CLA215540N1301 | 1        |
| Anthracite   | <b>N2155.4 AN</b> | 2CLA215540N1801 | 1        |
| Champagne  | <b>N2155.4 CV</b> | 2CLA215540N1901 | 1        |

|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>VGA connection unit - 1M</b><br/>Front: 1x VGA connector (DE-15 connector).<br/>Rear: screw terminals (15 wires).</p> |                   |                 |   |
| White   | <b>N2155.5 BL</b> | 2CLA215550N1101 | 1 |
| Silver  | <b>N2155.5 PL</b> | 2CLA215550N1301 | 1 |
| Anthracite  | <b>N2155.5 AN</b> | 2CLA215550N1801 | 1 |
| Champagne   | <b>N2155.5 CV</b> | 2CLA215550N1901 | 1 |


|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>USB connection unit - 1M</b><br/>Front: 1x USB 2.0 connector (Type A connector).<br/>Rear: screwless terminals (5 wires).</p> |                   |                 |   |
| White   | <b>N2155.8 BL</b> | 2CLA215580N1101 | 1 |
| Silver  | <b>N2155.8 PL</b> | 2CLA215580N1301 | 1 |
| Anthracite  | <b>N2155.8 AN</b> | 2CLA215580N1801 | 1 |
| Champagne   | <b>N2155.8 CV</b> | 2CLA215580N1901 | 1 |

|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>USB female-female connection unit - 1M</b><br/>Front: 1x USB 2.0 connector (Type A connector).<br/>Rear: 1x USB 2.0 connector (Type A connector) fitted at 90° angle.</p> |                   |                 |   |
| White   | <b>N2155.9 BL</b> | 2CLA215590N1101 | 1 |
| Silver  | <b>N2155.9 PL</b> | 2CLA215590N1301 | 1 |
| Anthracite  | <b>N2155.9 AN</b> | 2CLA215590N1801 | 1 |
| Champagne   | <b>N2155.9 CV</b> | 2CLA215590N1901 | 1 |


|   |                    |                 |   |
|---|--------------------|-----------------|---|
|  <p><b>USB female-female connection unit with cable - 1M</b><br/>Front: 1x USB 2.0 connector (Type A connector).<br/>Rear: 1x USB 2.0 connector (Type A connector) with 20 cm cable extension.</p> |                    |                 |   |
| White   | <b>N2155.91 BL</b> | 2CLA215591N1101 | 1 |
| Silver  | <b>N2155.91 PL</b> | 2CLA215591N1301 | 1 |
| Anthracite  | <b>N2155.91 AN</b> | 2CLA215591N1801 | 1 |
| Champagne   | <b>N2155.91 CV</b> | 2CLA215591N1901 | 1 |

## Zenit


### VDI outlets


| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Speaker connection unit - 2M</b><br/>Front: 2x spring speaker terminals (Red/Black).<br/>Rear: 2x screw terminals.</p> |                   |                 |          |
| White  | <b>N2257.1 BL</b> | 2CLA225710N1101 | 1        |
| Silver   | <b>N2257.1 PL</b> | 2CLA225710N1301 | 1        |
| Anthracite   | <b>N2257.1 AN</b> | 2CLA225710N1801 | 1        |
| Champagne  | <b>N2257.1 CV</b> | 2CLA225710N1901 | 1        |

### XLR connection unit


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>Speaker connection unit - 2M</b><br/>Front: 2x spring speaker terminals (Red/Black).<br/>Rear: 2x screw terminals.</p> |                   |                 |   |
| White  | <b>N2255.1 BL</b> | 2CLA225510N1101 | 1 |
| Silver   | <b>N2255.1 PL</b> | 2CLA225510N1301 | 1 |
| Anthracite   | <b>N2255.1 AN</b> | 2CLA225510N1801 | 1 |
| Champagne  | <b>N2255.1 CV</b> | 2CLA225510N1901 | 1 |

### Telephone outlets

| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Telephone outlet RJ12 - 1M</b><br/>RJ12 type connector.<br/>6 contacts.<br/>Suitable for 2, 4 or 6 contacts jack.<br/>Screw terminals.</p> |                   |                 |          |
| White  | <b>N2117.6 BL</b> | 2CLA211760N1101 | 20       |
| Silver   | <b>N2117.6 PL</b> | 2CLA211760N1301 | 20       |
| Anthracite   | <b>N2117.6 AN</b> | 2CLA211760N1801 | 20       |
| Champagne  | <b>N2117.6 CV</b> | 2CLA211760N1901 | 20       |


|  |                   |                 |    |
|--|-------------------|-----------------|----|
|  <p><b>Telephone outlet RJ12 - 2M</b><br/>RJ12 type connector.<br/>6 contacts.<br/>Suitable for 2, 4 or 6 contacts jack.<br/>Screw terminals.</p> |                   |                 |    |
| White  | <b>N2217.6 BL</b> | 2CLA221760N1101 | 10 |
| Silver   | <b>N2217.6 PL</b> | 2CLA221760N1301 | 10 |
| Anthracite   | <b>N2217.6 AN</b> | 2CLA221760N1801 | 10 |
| Champagne  | <b>N2217.6 CV</b> | 2CLA221760N1901 | 10 |

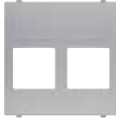
### Optical fiber adaptor


|  |                   |                 |    |
|--|-------------------|-----------------|----|
|  <p><b>Optical fiber SC simplex adapter - 1M</b><br/>Insertion Loss (IL) <math>\leq 0.3</math>dB for SM and MM.<br/>Durability(500 Mating): 0.2dB max. increase.<br/>Withdrawal force (g/f): 100300.<br/>Operating temperature: -40° C to +85° C.<br/>Meet JIS C5974 and Bellcore GR-326 standard.<br/>Compliant with IEC874-14 &amp; IEC874-19.<br/>All parts compliant with ROHS.</p> |                   |                 |    |
| White  | <b>N2118.3 BL</b> | 2CLA211830N1101 | 10 |
| Silver   | <b>N2118.3 PL</b> | 2CLA211830N1301 | 10 |
| Anthracite   | <b>N2118.3 AN</b> | 2CLA211830N1801 | 10 |
| Champagne  | <b>N2118.3 CV</b> | 2CLA211830N1901 | 10 |


## Zenit


### Data outlets adapters


| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Cover plate for data outlet 1-gang - 2M</b><br/>Cover plate for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>Without shutter.</p> |                   |                 |          |
| White  | <b>N2216.1 BL</b> | 2CLA221610N1101 | 10       |
| Silver   | <b>N2216.1 PL</b> | 2CLA221610N1301 | 10       |
| Anthracite   | <b>N2216.1 AN</b> | 2CLA221610N1801 | 10       |
| Champagne  | <b>N2216.1 CV</b> | 2CLA221610N1901 | 10       |


|  |                   |                 |    |
|--|-------------------|-----------------|----|
|  <p><b>Cover plate for data outlet 2-gang - 2M</b><br/>Cover plate for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>Without shutter.</p> |                   |                 |    |
| White  | <b>N2216.2 BL</b> | 2CLA221620N1101 | 10 |
| Silver   | <b>N2216.2 PL</b> | 2CLA221620N1301 | 10 |
| Anthracite   | <b>N2216.2 AN</b> | 2CLA221620N1801 | 10 |
| Champagne  | <b>N2216.2 CV</b> | 2CLA221620N1901 | 10 |


|   |                   |                 |    |
|---|-------------------|-----------------|----|
|  <p><b>Cover plate for data outlet 1-gang - 2M</b><br/>Cover plate for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>With shutter.</p> |                   |                 |    |
| White   | <b>N2216.3 BL</b> | 2CLA221630N1101 | 10 |
| Silver  | <b>N2216.3 PL</b> | 2CLA221630N1301 | 10 |
| Anthracite  | <b>N2216.3 AN</b> | 2CLA221630N1801 | 10 |
| Champagne   | <b>N2216.3 CV</b> | 2CLA221630N1901 | 10 |


|  |                   |                 |    |
|--|-------------------|-----------------|----|
|  <p><b>Cover plate for data outlet 2-gang - 2M</b><br/>Cover plate for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>With shutters.</p> |                   |                 |    |
| White  | <b>N2216.4 BL</b> | 2CLA221640N1101 | 10 |
| Silver   | <b>N2216.4 PL</b> | 2CLA221640N1301 | 10 |
| Anthracite   | <b>N2216.4 AN</b> | 2CLA221640N1801 | 10 |
| Champagne  | <b>N2216.4 CV</b> | 2CLA221640N1901 | 10 |

|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>Cover plate for data outlet 1-gang at 45° - 2M</b><br/>Cover plate at 45° for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>Without shutter.</p> |                   |                 |   |
| White  | <b>N2216.5 BL</b> | 2CLA221650N1101 | 5 |
| Silver   | <b>N2216.5 PL</b> | 2CLA221650N1301 | 5 |
| Anthracite   | <b>N2216.5 AN</b> | 2CLA221650N1801 | 5 |
| Champagne  | <b>N2216.5 CV</b> | 2CLA221650N1901 | 5 |

| Color   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Cover plate for data outlet 2-gang at 45° - 2M</b><br/>Cover plate at 45° for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>Without shutters.</p> |                   |                 |          |
| White   | <b>N2216.6 BL</b> | 2CLA221660N1101 | 5        |
| Silver  | <b>N2216.6 PL</b> | 2CLA221660N1301 | 5        |
| Anthracite  | <b>N2216.6 AN</b> | 2CLA221660N1801 | 5        |
| Champagne   | <b>N2216.6 CV</b> | 2CLA221660N1901 | 5        |

|   |                   |                 |   |
|---|-------------------|-----------------|---|
|  <p><b>Cover plate for data outlet 1-gang at 45° - 2M</b><br/>Cover plate at 45° for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>With shutter.</p> |                   |                 |   |
| White   | <b>N2216.7 BL</b> | 2CLA221670N1101 | 5 |
| Silver  | <b>N2216.7 PL</b> | 2CLA221670N1301 | 5 |
| Anthracite  | <b>N2216.7 AN</b> | 2CLA221670N1801 | 5 |
| Champagne   | <b>N2216.7 CV</b> | 2CLA221670N1901 | 5 |

|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>Cover plate for data outlet 2-gang at 45° - 2M</b><br/>Cover plate at 45° for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).<br/>With labeling area for stickers.<br/>With shutters.</p> |                   |                 |   |
| White  | <b>N2216.8 BL</b> | 2CLA221680N1101 | 5 |
| Silver   | <b>N2216.8 PL</b> | 2CLA221680N1301 | 5 |
| Anthracite   | <b>N2216.8 AN</b> | 2CLA221680N1801 | 5 |
| Champagne  | <b>N2216.8 CV</b> | 2CLA221680N1901 | 5 |

|   |  |                 |    |
|---|--|-----------------|----|
|  <p><b>Housing for data outlets 1-gang</b><br/>Cover plate for two data connector housing<br/>Housing for RJ45 data connectors with multiple type clipping systems:<br/>- 2016: Keystone, 3M and AMP type.<br/>- 2016.1: Systimax type.<br/>- 2016.2: Panduit type.<br/>- 2016.3: R&amp;M type.<br/>To be installed with 8516.8, N2216.1, N2218.2, N2216.3, N2216.4, N2216.5, N2216.6, N2216.7 and N2218.8 cover plates.</p> |  |                 |    |
| <b>2016</b>   |  | 2CLA201600A1001 | 10 |
| <b>2016.1</b>   |  | 2CLA201610A1001 | 10 |
| <b>2016.2</b>   |  | 2CLA201620A1001 | 10 |
| <b>2016.3</b>   |  | 2CLA201630A1001 | 10 |

# Zenit

## Data outlets

| Color | Article-No.  | Order-No.       | Pack/Qty |
|-------|--|-----------------|----------|
|       | <b>Data outlet RJ45 Cat.5e UTP</b> <span style="float: right; color: white; background-color: red; padding: 2px;">NEW</span><br>RJ45 type connector. Cat.5e UTP. In compliance with ANSI/TIA/EIA 568B.2 , ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling.<br>Housing: ABS UL-94-0.<br>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3 $\times$ 50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Cover plate code: N2216.1, N2216.2, N2216.3, N2216.4, N2216.5, N2216.6, N2216.7 and N2216.8.   |                 |          |
|       | 2016.50  | 2CLA201650N1001 | 10       |
|       | <b>Data outlet RJ45 Cat.5e STP</b> <span style="float: right; color: white; background-color: red; padding: 2px;">NEW</span><br>RJ45 type connector.<br>Cat.5e STP.<br>In compliance with ISO/IEC11801.<br>Transmission: 1000 V RMA - 60 Hz / 1 min.<br>Cover plate code: N2216.1, N2216.2, N2216.3, N2216.4, N2216.5, N2216.6, N2216.7 and N2216.8.   |                 |          |
|       | 2016.52  | 2CLA201652N1001 | 10       |
|       | <b>Data outlet RJ45 Cat.6 UTP</b> <span style="float: right; color: white; background-color: red; padding: 2px;">NEW</span><br>RJ45 type connector. Cat.6 UTP.<br>In compliance with ANSI/TIA/EIA 568B.2 , ISO/IEC11801 & EN50173 Universal TIA/EIA 568A and 568B labeling<br>Housing: ABS UL-94-0<br>Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4)<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire<br>Contact: RJ45 8P8C, 3 $\times$ 50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring.<br>Cover plate code: N2216.1, N2216.2, N2216.3, N2216.4, N2216.5, N2216.6, N2216.7 and N2216.8. |                 |          |
|       | 2016.60  | 2CLA201660N1001 | 10       |
|       | <b>Data outlet RJ45 Cat.6A STP</b> <span style="float: right; color: white; background-color: red; padding: 2px;">NEW</span><br>RJ45 type connector.<br>Cat.6 STP.<br>In compliance with ISO/IEC11801.<br>Transmission: 1000 V RMA - 60 Hz / 1 min.<br>Cover plate code: N2216.1, N2216.2, N2216.3, N2216.4, N2216.5, N2216.6, N2216.7 and N2216.8.  |                 |          |
|       | 2016.62  | 2CLA201662N1001 | 10       |

## Zenit

### Light controls - Rotatory dimmers

| Color | Article-No. | Order-No. | Pack/Qty |
|-------|-------------|-----------|----------|
|-------|-------------|-----------|----------|



#### LED/Universal rotatory dimmer 220V - 1M

Rated voltage: 230 Vac  $\pm$  10%.  
 Frequency: 50-60 Hz.  
 Power (min./max load):  
 - LEDi (trailing-edge lamps), LV LEDi with transformer type C, LV halogen with transformer (type C or LC) and incandescent and halogen lamps: 4 / 250 W/VA.  
 - LEDi (leading-edge lamps) and LV LEDi with transformer type LC: 4 / 60 W/VA.\*  
 \*Max. 10 lamps.  
 Load selection  
 2 or 3 wire connection.  
 OFF position  
 Electronic back-up fuse & overload protection.  
 Ambient temperature: 0° C to +35° C.

|            |                   |                 |   |
|------------|-------------------|-----------------|---|
| White      | <b>N2160.3 BL</b> | 2CLA216030N1101 | 1 |
| Silver     | <b>N2160.3 PL</b> | 2CLA216030N1301 | 1 |
| Anthracite | <b>N2160.3 AN</b> | 2CLA216030N1801 | 1 |
| Champagne  | <b>N2160.3 CV</b> | 2CLA216030N1901 | 1 |



#### LED/Universal rotatory dimmer 110V - 1M

Rated voltage: 127 Vac  $\pm$  10%.  
 Frequency: 60 Hz.  
 Power (min./max load):  
 - LEDi (trailing-edge lamps), LV LEDi with transformer type C, LV halogen with transformer (type C or LC) and incandescent and halogen lamps: 4 / 125 W/VA.  
 - LEDi (leading-edge lamps) and LV LEDi with transformer type LC: 4 / 30 W/VA.\*  
 \*Max. 10 lamps.  
 Load selection  
 2 or 3 wire connection.  
 OFF position  
 Electronic back-up fuse & overload protection.  
 Ambient temperature: 0° C to +35° C.

|            |                   |                 |   |
|------------|-------------------|-----------------|---|
| White      | <b>N2160.8 BL</b> | 2CLA216080N1101 | 1 |
| Silver     | <b>N2160.8 PL</b> | 2CLA216080N1301 | 1 |
| Anthracite | <b>N2160.8 AN</b> | 2CLA216080N1801 | 1 |
| Champagne  | <b>N2160.8 CV</b> | 2CLA216080N1901 | 1 |

| Color | Article-No. | Order-No. | Pack/Qty |
|-------|-------------|-----------|----------|
|-------|-------------|-----------|----------|



#### LED rotatory/push dimmer - 2M

Rated voltage: 230 Vac  $\pm$  10%.  
 Frequency: 50 Hz (250 W/VA) / 60 Hz (200 W/VA).  
 Power (min./max load):  
 - LEDi, dimmable CFL and LV LEDi with transformer (L or LC): 2 / 100 W/VA\*.  
 - Incandescent and halogen lamps: 10 / 250 W/VA.  
 - LV halogen w/transformer (L or LC): 10 / 250 W/VA\*.  
 \*: max. 10 lamps.  
 2 wire connection.  
 Optional: auxiliary on/off with 2-way switch N2X02.  
 Indicator LED lamp included.  
 Electronic back-up fuse & overload protection.  
 Ambient temperature: 0° C to +35° C.

|            |                   |                 |   |
|------------|-------------------|-----------------|---|
| White      | <b>N2260.3 BL</b> | 2CLA226030N1101 | 1 |
| Silver     | <b>N2260.3 PL</b> | 2CLA226030N1301 | 1 |
| Anthracite | <b>N2260.3 AN</b> | 2CLA226030N1801 | 1 |
| Champagne  | <b>N2260.3 CV</b> | 2CLA226030N1901 | 1 |




#### 1-10V rotary dimmer - 2M

Rated voltage: 127 - 230 Vac / 50 - 60 Hz  
 Dimmable electronic ballast/driver. 1-10V control input.  
 Max. power (max. 6 ballasts per device): 700 VA @ 230 Vac / 350 VA @ 127 Vac.  
 Indicator LED lamp included.


|            |                   |                 |   |
|------------|-------------------|-----------------|---|
| White      | <b>N2260.9 BL</b> | 2CLA226090N1101 | 1 |
| Silver     | <b>N2260.9 PL</b> | 2CLA226090N1301 | 1 |
| Anthracite | <b>N2260.9 AN</b> | 2CLA226090N1801 | 1 |
| Champagne  | <b>N2260.9 CV</b> | 2CLA226090N1901 | 1 |


## Zenit

### Light controls - Time delay switches


| Color   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Time delayed switch - 2M</b><br/>           Rated voltage: 230 Vac / 50 Hz.<br/>           Power:<br/>           - Incandescent: 40 - 500 W.<br/>           - Halogen with transformer: 40 - 400 VA.<br/>           - Motors: 40 - 100 VA.<br/>           2 wire connection.<br/>           Delay setup: 10 sec. to 10 min.<br/>           Overcurrent protection: with fuse.<br/>           Indicator LED lamp included.<br/>           Operating temperature: 0° C to +40° C.</p> |                   |                 |          |
| White   | <b>N2262.1 BL</b> | 2CLA226210N1101 | 1        |
| Silver  | <b>N2262.1 PL</b> | 2CLA226210N1301 | 1        |
| Anthracite  | <b>N2262.1 AN</b> | 2CLA226210N1801 | 1        |
| Champagne   | <b>N2262.1 CV</b> | 2CLA226210N1901 | 1        |

### Light controls - Electronic switch cookie

|  |               |                 |   |
|--|---------------|-----------------|---|
|  <p><b>Electronic switch cookie - 220Vac</b><br/>           Rated voltage: 230 Vac / 50Hz.<br/>           Rated current: 10A. NO contact. Single pole.<br/>           Power:<br/>           - LED lamps: 400 W.<br/>           - Incandescent / Halogen lamps: 2.000 W.<br/>           - Low-voltage halogen lamps with transformer (12 V): 1.000 W.<br/>           - Fluorescent lamps: 600 W (60µF).<br/>           Zero crossing technology.<br/>           Standby and operating consumption: 0 mW.<br/>           Dimensions: 61 (46) x 32 x 19mm (without flaps)<br/>           To be controlled with N2X04.X push-buttons.</p> |               |                 |   |
|  | <b>8132.2</b> | 2CLA813220A1001 | 1 |


|  |               |                 |   |
|--|---------------|-----------------|---|
|  <p><b>Electronic switch cookie - 127Vac</b><br/>           Rated voltage: 127 Vac / 60Hz.<br/>           Rated current: 10A. NO contact. Single pole.<br/>           Power:<br/>           - LED lamps: 200 W.<br/>           - Incandescent / Halogen lamps: 1.000 W.<br/>           - Low-voltage halogen lamps with transformer (12 V): 500 W.<br/>           - Fluorescent lamps: 300 W (60µF).<br/>           Zero crossing technology.<br/>           Standby and operating consumption: 0 mW.<br/>           Dimensions: 61 (46) x 32 x 19mm (without flaps)<br/>           To be controlled with N2X04.X push-buttons.</p> |               |                 |   |
|  | <b>8132.1</b> | 2CLA813210A1001 | 1 |


### Light controls - Motion sensors


| Color  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>110 motion sensor - 1M</b><br/>           Rated voltage: 230 Vac ± 10% / 50 - 60 Hz<br/>           Outputs: 1 Normally Open (NO). Potential free. Zero crossing.<br/>           Max. power:<br/>           - Incandescent and halogen: 800W.<br/>           - Halogen with electronic or ferromagnetic transformer: 500VA.<br/>           - Fluorescent lamps and CFL: 200VA.<br/>           - LED: 200 VA.<br/>           Switch-off delay: 5 sec (test) and 30 sec to 15 min (adjustable from the front side).<br/>           Detection range: 7 m radius (at 20° C).<br/>           Light set point level for activation: 5 to 100 lux (adjustable from the front side).<br/>           Detection angle: 110° (at 20° C).<br/>           Temperature range (operating): 0° C to 35° C.<br/>           Note: to be installed in boxes with 50mm depth or more.</p> |                 |                 |          |
| White  | <b>N2141 BL</b> | 2CLA214100N1101 | 1        |
| Silver   | <b>N2141 PL</b> | 2CLA214100N1301 | 1        |
| Anthracite   | <b>N2141 AN</b> | 2CLA214100N1801 | 1        |
| Champagne  | <b>N2141 CV</b> | 2CLA214100N1901 | 1        |

## Zenit


### Temperature controls - RTC

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rotatory thermostat for underfloor heating</b><br>Rated voltage: 230 Vac $\pm 10\%$ / 50-60 Hz.<br>Load power: 2.300 W.<br>Load type: floor heating resistor.<br>Control temperature: +5°C to +45°C (Set point).<br>OFF state: at OFF position, the thermostat is off, so that it does not address the temperature measured by the floor temperature probe. The relay output contact is open.<br>Temperature accuracy: 0,5° C.<br>Hysteresis: 0,5° C.<br>Floor temperature sensor: NTC, 10 K $\Omega$ at 25° C, -40° C. to 80° C. Double isolated cable, 4 m. length.<br>LED light indication: Red and green.<br>Ambient temperature: -20° C to 45° C. |                 |          |
| White   | <b>N2240.3 BL</b>   | 2CLA224030N1101 | 1        |
| Silver  | <b>N2240.3 PL</b>   | 2CLA224030N1301 | 1        |
| Anthracite  | <b>N2240.3 AN</b>   | 2CLA224030N1801 | 1        |
| Champagne   | <b>N2240.3 CV</b>   | 2CLA224030N1901 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Digital room thermostat - 2M</b><br>Rated voltage: 230 Vac / 50-60 Hz.<br>Power consumption: < 1W.<br>Operating temperature range: + 0° C to 50° C.<br>Measurement accuracy: $\pm 2^\circ$ C ( $\pm 1^\circ$ C with calibration).<br>Resolution: 0.1° C.<br>Control output:<br>Potential-free relay contacts Normally Open (NO).<br>Maximum load: 3A cos = 0,5.<br>Output relay operation modes:<br>- Hysteresis: 0.5° C.<br>- Pulse-width modulation: with a $\pm 4^\circ$ C difference with the set-point temperature, variable from 100% to 0% modulation.<br>To be installed with N2240.5 cover plates. |                 |   |
|   | <b>8140.5</b>  | 2CLA814050A1001 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Cover plate for digital thermostat- 2M</b><br>Cover plate for digital room thermostat code 8140.5. |                 |   |
| White   | <b>N2240.5 BL</b>   | 2CLA224050N1101 | 5 |
| Silver  | <b>N2240.5 PL</b>   | 2CLA224050N1301 | 5 |
| Anthracite  | <b>N2240.5 AN</b>   | 2CLA224050N1801 | 5 |
| Champagne   | <b>N2240.5 CV</b>   | 2CLA224050N1901 | 5 |

### Temperature controls - Chronothermostat

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Programmable thermostat - 3M</b><br>Electronic time-programmable thermostat.<br>Day/week programming.<br>Summer/winter function.<br>LCD display.<br>Output: 1x NO + 1x NC. Potential free. Max.: 8(2)A<br>Power supply: 2x 1.5V AA type battery (LR6). |                 |          |
| White   | <b>N2340 BL</b>   | 2CLA234000N1101 | 1        |
| Silver  | <b>N2340 PL</b>   | 2CLA234000N1301 | 1        |
| Anthracite  | <b>N2340 AN</b>   | 2CLA234000N1801 | 1        |
| Champagne   | <b>N2340 CV</b>   | 2CLA234000N1901 | 1        |


### Temperature controls - Fan regulators


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Rotatory 3-speed fan control - 2M</b><br>Rated voltage: 127 Vac / 60 Hz.<br>Rated current: 1,5 A.<br>Load type: ceiling fan.<br>4 control positions:<br>- 0: Off.<br>- I: On maximum speed.<br>- II: On medium speed.<br>- III: On low speed.<br>Ambient temperature: 0° C to 40° C. |                 |   |
| White   | <b>N2254.1 BL</b>   | 2CLA225410N1101 | 1 |
| Silver  | <b>N2254.1 PL</b>   | 2CLA225410N1301 | 1 |
| Anthracite  | <b>N2254.1 AN</b>   | 2CLA225410N1801 | 1 |
| Champagne   | <b>N2254.1 CV</b>   | 2CLA225410N1901 | 1 |





# Zenit


## DND / MUR systems

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>LED DND signaling light - 1M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: white LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>Red diffuser.<br>Do Not Disturb (DND) symbol.<br>To be controlled with N2244.5 DND/MUR 2-gang interlocked switch. |                 |          |
| White   | <b>N2180.4 BL</b>  | 2CLA218040N1101 | 5        |
| Silver  | <b>N2180.4 PL</b>  | 2CLA218040N1301 | 5        |
| Anthracite  | <b>N2180.4 AN</b>  | 2CLA218040N1801 | 5        |
| Champagne   | <b>N2180.4 CV</b>  | 2CLA218040N1901 | 5        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>LED MUR signaling light - 1M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: white LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>Green diffuser.<br>Make Up Room (MUR) symbol.<br>To be controlled with N2244.5 DND/MUR 2-gang interlocked switch. |                 |   |
| White   | <b>N2180.5 BL</b>  | 2CLA218050N1101 | 5 |
| Silver  | <b>N2180.5 PL</b>  | 2CLA218050N1301 | 5 |
| Anthracite  | <b>N2180.5 AN</b>  | 2CLA218050N1801 | 5 |
| Champagne   | <b>N2180.5 CV</b>  | 2CLA218050N1901 | 5 |







|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>DND/MUR 2-gang interlocked switch - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Interlocked gangs.<br>Gang 1: Make Up Room (MUR) green symbol and indicator LED lamp.<br>Gang 2: Do Not Disturb (DND) red symbol and indicator LED lamp.<br>To control N2180.4 & N2180.5 DND/MUR signaling lights or N2280.4 DND/MUR push-button. |                 |   |
| White   | <b>N2244.5 BL</b>  | 2CLA224450N1101 | 5 |
| Silver  | <b>N2244.5 PL</b>  | 2CLA224450N1301 | 5 |
| Anthracite  | <b>N2244.5 AN</b>  | 2CLA224450N1801 | 5 |
| Champagne   | <b>N2244.5 CV</b>  | 2CLA224450N1901 | 5 |
| Total White   | <b>N2244.5 BB</b>  | 2CLA224450N1201 | 5 |
| Total Anthracite  | <b>N2244.5 AA</b>  | 2CLA224450N1601 | 5 |



| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Bell push-button with DND/MUR LED indicator - 2M</b><br>Rated voltage: 110 - 250 Vac<br>Rated current: 10A<br>Red Do Not Disturb and green Make Up Room LED signaling included.<br>Push-button with bell symbol.<br>To be connected to N2244.4 or N2244.5 DND/MUR room module and N2224 or N2224.1 electronic bell or N2119 or N2219 buzzer. |                 |          |
| White   | <b>N2280.4 BL</b>   | 2CLA228040N1101 | 5        |
| Silver  | <b>N2280.4 PL</b>   | 2CLA228040N1301 | 5        |
| Anthracite  | <b>N2280.4 AN</b>   | 2CLA228040N1801 | 5        |
| Champagne   | <b>N2280.4 CV</b>   | 2CLA228040N1901 | 5        |
| Total White   | <b>N2280.4 BB</b>   | 2CLA228040N1201 | 5        |
| Total Anthracite  | <b>N2280.4 AA</b>   | 2CLA228040N1601 | 5        |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>DND/MUR 2-gang switch - 2M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Non interlocked gangs.<br>Gang 1: Make Up Room (MUR) green symbol and indicator LED lamp.<br>Gang 2: Do Not Disturb (DND) red symbol and indicator LED lamp.<br>To be connected to N2280.4 corridor module. |                 |   |
| White  | <b>N2244.4 BL</b>  | 2CLA224440N1101 | 5 |
| Silver   | <b>N2244.4 PL</b>  | 2CLA224440N1301 | 5 |
| Anthracite   | <b>N2244.4 AN</b>  | 2CLA224440N1801 | 5 |
| Champagne  | <b>N2244.4 CV</b>  | 2CLA224440N1901 | 5 |
| Total White  | <b>N2244.4 BB</b>  | 2CLA224440N1201 | 5 |
| Total Anthracite   | <b>N2244.4 AA</b>  | 2CLA224440N1601 | 5 |

## Zenit

### Signaling and lighting systems

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>LED white signaling light - 1M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: white LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>White diffuser.   |                 |          |
| White   | <b>N2180 BL</b>  | 2CLA218000N1101 | 5        |
|    | <b>LED warm white signaling light - 1M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: white LED. 2.700 Kelvin.<br>Low luminous flux: < 0,5 lumen at 0,3 meter.<br>White diffuser.  |                 |          |
| White   | <b>N2180.1 BL</b>  | 2CLA218010N1101 | 5        |
|   | <b>LED signaling light - 2M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: white LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>White diffuser.   |                 |          |
| White   | <b>N2280 BL</b>  | 2CLA228000N1101 | 1        |
|  | <b>LED DND/MUR signaling light - 2M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: red/green LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>White diffuser.   |                 |          |
| White   | <b>N2280.2 RJ/VD</b>   | 2CLA228020N1101 | 1        |
|  | <b>Beacon LED light - 2M</b><br>Rated voltage: 230 Vac / 50 Hz.<br>Lamp: white LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>White diffuser.<br>Autonomy: 3 hours (1 hour at maximum illumination 2 hours with lower illumination).<br>Battery: Ni-MH (estimated lifetime: 4 years). |                 |          |
| White   | <b>N2281 BL</b>  | 2CLA228100N1101 | 1        |
|  | <b>Labels for signaling / beacon lights - 2M</b><br>Labels with symbols for signaling and beacon lights code: N2280, N2280.2 & N2281.<br>Symbols: "WC men", "WC women", "No smoking", "Direction", "WC handic.", "WC", "Salida" and no symbol label.                                   |                 |          |
|   | <b>N2281.1</b>   | 2CLA228110N1001 | 5        |


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>LED red signaling light - 1M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: white LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>Red diffuser.   |                 |          |
| Red   | <b>N2180 RJ</b>  | 2CLA218000N1601 | 5        |
|  | <b>LED red signaling light - 1M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Lamp: white LED.<br>Luminous flux: > 2 lumen at 1 meter.<br>Green diffuser.   |                 |          |
| Green   | <b>N2180 VD</b>  | 2CLA218000N1801 | 5        |
|   | <b>Beacon LED light - 2M</b><br>Rated voltage: 230 Vac ± 10% / 50 - 60 Hz .<br>Lamp: white LED. White diffuser.<br>Light intensity: 2400 med.<br>Beam angle: 120°.<br>Autonomy: 2 hours.<br>Battery: Ni-MH (not replaceable).<br>Note: to be installed in boxes with 50mm depth or more.               |                 |          |
| White   | <b>N2181 BL</b>  | 2CLA218100N1101 | 1        |
|   | <b>Withdrawable beacon LED light - 2M</b><br>Rated voltage: 230 Vac ± 10% / 50 - 60 Hz .<br>Lamp: white LED. White diffuser.<br>Light intensity: 20 lumens.<br>Beam angle: 120°.<br>Autonomy: 2 hours.<br>Battery: Ni-MH (not replaceable).<br>Note: to be installed in boxes with 50mm depth or more. |                 |          |
| White   | <b>N2281.2 BL</b>  | 2CLA228120N1101 | 1        |


NEW


NEW


## Zenit

### Buzzer / Door bell


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Buzzer - 1M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Rated power: 8 VA.<br>Adjustable tone.<br>Acoustic power at 1 meter with cover plate: 75 dB. |                 |          |
| White   | <b>N2119 BL</b>  | 2CLA211900N1101 | 10       |
| Silver  | <b>N2119 PL</b>  | 2CLA211900N1301 | 10       |
| Anthracite  | <b>N2119 AN</b>  | 2CLA211900N1801 | 10       |
| Champagne   | <b>N2119 CV</b>  | 2CLA211900N1901 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Buzzer - 2M</b><br>Rated voltage: 127-230 Vac / 50-60 Hz.<br>Rated power: 8 VA.<br>Adjustable tone.<br>Acoustic power at 1 meter with cover plate: 75 dB. |                 |    |
| White   | <b>N2219 BL</b>  | 2CLA221900N1101 | 10 |
| Silver  | <b>N2219 PL</b>  | 2CLA221900N1301 | 10 |
| Anthracite  | <b>N2219 AN</b>  | 2CLA221900N1801 | 10 |
| Champagne   | <b>N2219 CV</b>  | 2CLA221900N1901 | 10 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Electronic door bell 230 Vac - 2M</b><br>Rated voltage: 230 Vac / 50-60 Hz.<br>4 melodies available.<br>Acoustic power at 1 meter with cover plate: 72 dB. |                 |   |
| White   | <b>N2224 BL</b>   | 2CLA222400N1101 | 1 |
| Silver  | <b>N2224 PL</b>   | 2CLA222400N1301 | 1 |
| Anthracite  | <b>N2224 AN</b>   | 2CLA222400N1801 | 1 |
| Champagne   | <b>N2224 CV</b>   | 2CLA222400N1901 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Electronic door bell 127 Vac - 2M</b><br>Rated voltage: 127 Vac / 60 Hz.<br>4 melodies available.<br>Acoustic power at 1 meter with cover plate: 72 dB. |                 |   |
| White   | <b>N2224.1 BL</b>  | 2CLA222410N1101 | 1 |
| Silver  | <b>N2224.1 PL</b>  | 2CLA222410N1301 | 1 |
| Anthracite  | <b>N2224.1 AN</b>  | 2CLA222410N1801 | 1 |
| Champagne   | <b>N2224.1 CV</b>  | 2CLA222410N1901 | 1 |


### Blank covers / Cable outlets

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Blank cover plate - 0,5M</b><br>Technical data:<br>Blank cover plate for spare spaces.<br>Size: 0,5 module. |                 |          |
| White   | <b>N2000 BL</b>  | 2CLA200000N1101 | 20       |
| Silver  | <b>N2000 PL</b>  | 2CLA200000N1301 | 20       |
| Anthracite  | <b>N2000 AN</b>  | 2CLA200000N1801 | 20       |
| Champagne   | <b>N2000 CV</b>  | 2CLA200000N1901 | 20       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Blank cover plate - 1M</b><br>Blank cover plate for spare spaces.<br>Size: 1 module. |                 |    |
| White   | <b>N2100 BL</b>   | 2CLA210000N1101 | 10 |
| Silver  | <b>N2100 PL</b>   | 2CLA210000N1301 | 10 |
| Anthracite  | <b>N2100 AN</b>   | 2CLA210000N1801 | 10 |
| Champagne   | <b>N2100 CV</b>   | 2CLA210000N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Blank cover plate - 2M</b><br>Blank cover plate for spare spaces.<br>Size: 2 modules. |                 |    |
| White   | <b>N2200 BL</b>  | 2CLA220000N1101 | 20 |
| Silver  | <b>N2200 PL</b>  | 2CLA220000N1301 | 20 |
| Anthracite  | <b>N2200 AN</b>  | 2CLA220000N1801 | 20 |
| Champagne   | <b>N2200 CV</b>  | 2CLA220000N1901 | 20 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cable outlet - 1M</b><br>Maximum cable diameter: 6 mm.<br>Cable tie included. |                 |    |
| White   | <b>N2107 BL</b>  | 2CLA210700N1101 | 10 |
| Silver  | <b>N2107 PL</b>  | 2CLA210700N1301 | 10 |
| Anthracite  | <b>N2107 AN</b>  | 2CLA210700N1801 | 10 |
| Champagne   | <b>N2107 CV</b>  | 2CLA210700N1901 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Cable outlet - 2M</b><br>Maximum cable diameter: 6 mm.<br>Cable tie included. |                 |    |
| White   | <b>N2207 BL</b>  | 2CLA220700N1101 | 10 |
| Silver  | <b>N2207 PL</b>  | 2CLA220700N1301 | 10 |
| Anthracite  | <b>N2207 AN</b>  | 2CLA220700N1801 | 10 |
| Champagne   | <b>N2207 CV</b>  | 2CLA220700N1901 | 10 |

## Zenit - Sound system


### Multiroom Bluetooth system


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Multiroom sound module</b><br/>           Rated voltage: 127-230 Vac ± 15%; 50-60 Hz.<br/>           Max. consumption: 200 mA.<br/>           Stand-by consumption: 0,3W.<br/>           Amplifier power: 6+6 W; &lt;1% distortion (4 Ω).<br/>           Speaker impedance: 4 Ω (2+2 W audio).<br/>           FM radio digital tuner with RDS.<br/>           Alarm clock with buzzer, radio types and snooze function.<br/>           Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1.<br/>           Multiroom function available (1 master device and up to 14 slave devices).<br/>           Remote control using code 9368.2 (ZigBee 2.4GHz IEEE 802.15.4).<br/>           Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input &amp; 1 mini-jack stereo output) and USB connection functions.</p> | <b>9368.1</b> | 2CLA936810A1001 | 1        |


|   |               |                 |   |
|---|---------------|-----------------|---|
|  <p><b>Remote control for multiroom sound module - 2M</b><br/>           Rated voltage: 127-230 Vac ± 15%; 50-60 Hz.<br/>           Max. consumption: 15 mA.<br/>           Stand-by consumption: 0,5W.<br/>           To control 9368.1 module (1 remote control for each module).<br/>           Wireless connection between moles 9368.1 and 9368.2 (ZigBee 2.4GHz IEEE 802.15.4).<br/>           Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input &amp; 1 mini-jack stereo output) and USB connection functions. In case of using 9368.3 module, the connection between modules 9368.1 and 9368.2 must be wired (3 wires).<br/>           Cover plate code: N2268.</p> | <b>9368.2</b> | 2CLA936820A1001 | 1 |
|---|---------------|-----------------|---|

|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  <p><b>Cover plate for radio/remote control modules</b><br/>           Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 &amp; 9368.7.</p> |                 |                 |   |
| White  | <b>N2268 BL</b> | 2CLA226800N1101 | 1 |
| Silver   | <b>N2268 PL</b> | 2CLA226800N1301 | 1 |
| Anthracite   | <b>N2268 AN</b> | 2CLA226800N1801 | 1 |
| Champagne  | <b>N2268 CV</b> | 2CLA226800N1901 | 1 |

### FM radio with alarm


| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <p><b>FM-radio and alarm module - 2M</b><br/>           Rated voltage: 230 Vac ± 15%; 50-60 Hz.<br/>           Max. consumption: 100 mA.<br/>           Stand-by consumption: 0,2W.<br/>           Amplifier power: 2+2 W; &lt;1% distortion (16 Ω).<br/>           Speaker impedance: 16 Ω (2+2 W audio).<br/>           FM radio digital tuner with RDS.<br/>           Alarm clock with buzzer, radio types and snooze function.<br/>           Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input &amp; 1 mini-jack stereo output), USB connection and Bluetooth receiver functions.<br/>           Mounting grid delivered with the cover plate (without fixing claws).<br/>           Cover plate code: N2268.</p> | <b>9368</b> | 2CLA936800A1001 | 1        |


|  |               |                 |   |
|--|---------------|-----------------|---|
|  <p><b>FM-radio and alarm module - 2M</b><br/>           Rated voltage: 127 Vac ± 15%; 50-60 Hz.<br/>           Max. consumption: 100 mA.<br/>           Stand-by consumption: 0,2W.<br/>           Amplifier power: 2+2 W; &lt;1% distortion (16 Ω).<br/>           Speaker impedance: 16 Ω (2+2 W audio).<br/>           FM radio digital tuner with RDS.<br/>           Alarm clock with buzzer, radio types and snooze function.<br/>           Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input &amp; 1 mini-jack stereo output), USB connection and Bluetooth receiver functions.<br/>           Cover plate code: N2268.</p> | <b>9368.7</b> | 2CLA936870A1001 | 1 |
|--|---------------|-----------------|---|

|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  <p><b>Cover plate for radio/remote control modules</b><br/>           Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 &amp; 9368.7.</p> |                 |                 |   |
| White  | <b>N2268 BL</b> | 2CLA226800N1101 | 1 |
| Silver   | <b>N2268 PL</b> | 2CLA226800N1301 | 1 |
| Anthracite   | <b>N2268 AN</b> | 2CLA226800N1801 | 1 |
| Champagne  | <b>N2268 CV</b> | 2CLA226800N1901 | 1 |


## Zenit - Sound system


### Auxiliary module

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Auxiliary module - 2M</b><br>Power supply through 9368, 9368.2 or 9368.7 modules.<br>Max. consumption: 200 mA.<br>Stand-by consumption: 0,4W.<br>Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1.<br>USB connector: for MP3 and WAV files. Max. consumption of the connected device: 100 mA @5Vdc.<br>Input: 1x mini-jack stereo 3,5 mm.<br>Output: 1x mini-jack stereo 3,5 mm.<br>Cover plate code: N2268.3. |                 |          |
|   | <b>9368.3</b>   | 2CLA936830A1001 | 1        |

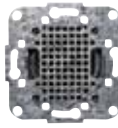
| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for I/O + USB + Bluetooth module</b><br>Cover plate for I/O + USB + Bluetooth module code: 9368.3. |                 |          |
| White   | <b>N2268.3 BL</b>   | 2CLA226830N1101 | 1        |
| Silver  | <b>N2268.3 PL</b>   | 2CLA226830N1301 | 1        |
| Anthracite  | <b>N2268.3 AN</b>   | 2CLA226830N1801 | 1        |
| Champagne   | <b>N2268.3 CV</b>   | 2CLA226830N1901 | 1        |

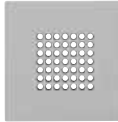
### Bluetooth audio module


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Bluetooth sound module - 2M</b><br>Rated voltage: 110-230 Vac ± 15%; 50-60 Hz<br>Max. consumption: 7W<br>Stand-by consumption: 0,2W<br>Amplifier power: 2+2 W; <1% distortion (16 Ω)<br>Speaker impedance: 16 Ω (2+2 W audio)<br>Audio inputs:<br>- Bluetooth: stereo Bluetooth® 4 version receiver with A2DP-SINK profile and memory for 8 links.<br>- Front input (AUX): 1x mini-jack stereo 3,5 mm.<br>- Rear input (TV): screw type terminal with 3 contacts (stereo).<br>Cover plate code: N2268.4 |                 |   |
|   | <b>9368.4</b>  | 2CLA936840A1001 | 1 |


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for Bluetooth sound module</b><br>Cover plate for Bluetooth sound module code: 9368.4. |                 |          |
| White   | <b>N2268.4 BL</b>   | 2CLA226840N1101 | 1        |
| Silver  | <b>N2268.4 PL</b>   | 2CLA226840N1301 | 1        |
| Anthracite  | <b>N2268.4 AN</b>   | 2CLA226840N1801 | 1        |
| Champagne   | <b>N2268.4 CV</b>   | 2CLA226840N1901 | 1        |


### Loudspeakers

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>2" loudspeaker 2 W</b><br>Rated output: 2 W (RMS).<br>Frequency response: 150 - 16.000 Hz.<br>Impedance: 16 Ohm.<br>Mounting depth: 34 mm.<br>Cover plate code: N2229. |                 |          |
|   | <b>9329</b>   | 2CLA932900A1001 | 1        |

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Cover plate for 2" loudspeaker</b><br>Cover plate for 2" loudspeaker code: 9329. |                 |          |
| White   | <b>N2229 BL</b>   | 2CLA222900N1101 | 5        |
| Silver  | <b>N2229 PL</b>   | 2CLA222900N1301 | 5        |
| Anthracite  | <b>N2229 AN</b>   | 2CLA222900N1801 | 5        |
| Champagne   | <b>N2229 CV</b>   | 2CLA222900N1901 | 5        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>HiFi built-in ceiling loudspeaker - 5"</b><br>2-way system.<br>For mounting in hollow walls/ceilings. With spring brackets.<br>In corrosion-resistant metal design.<br>With integrated loudspeaker grid.<br>Nominal power: 30 W<br>Frequency response: 50 - 20.000 Hz<br>Impedance: 8 Ohm<br>Drilling measurements: 165 mm.<br>Mounting depth: 72 mm. |                 |   |
|   | <b>8226/10 EB</b>  | 2CKA008200A0202 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Built-in ceiling loudspeaker - 5"</b><br>With broadband characteristics.<br>For mounting in hollow walls/ceilings. With spring brackets.<br>In corrosion-resistant metal design.<br>With integrated loudspeaker grid.<br>Nominal power: 30 W<br>Frequency response: 50 - 20.000 Hz<br>Impedance: 8 Ohm<br>Drilling measurements: 165 mm<br>Mounting depth: 72 mm |                 |   |
|   | <b>8226 EB</b>  | 2CKA008200A0201 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Built-in ceiling loudspeaker - 3"</b><br>For mounting in hollow walls/ceilings. With spring brackets.<br>In corrosion-resistant metal design.<br>With integrated loudspeaker grid.<br>Nominal power: 10 W<br>Frequency response: 90 - 20.000 Hz<br>Impedance: 8 Ohm<br>Drilling measurements: 90 mm<br>Mounting depth: 38 mm |                 |   |
|   | <b>8225 EB</b>  | 2CKA008200A0200 | 1 |


## Zenit - ABB-free@home®


### Sensors

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>free@home Sensor unit 1-gang - 2M</b><br>For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 2 fold push buttons.<br>Control element: Switch contacts top/ bottom.<br>Display elements: LED as light for orientation or display of switching state.<br>Protection class of device: IP 20.<br>Mounting depth: 14,1 mm.<br>To be installed with SR-2-N2 cover plates. |                 |          |
|   | <b>SU-F-1.0.PB.1</b>   | 2CKA006220A0222 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>free@home Sensor unit 2-gang - 2M</b><br>For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 4 fold push buttons.<br>Control element: Switch contacts top/ bottom.<br>Display elements: LED as light for orientation or display of switching state.<br>Protection class of device: IP 20.<br>Mounting depth: 14,1 mm.<br>To be installed with SR-4-N2 cover plates. |                 |   |
|   | <b>SU-F-2.0.PB.1</b>   | 2CKA006220A0223 | 1 |

### Sensor & switch actuators


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>free@home Sensor/Switch actuator 1/1-gang - 2M</b><br>For switching 127/230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 2 fold push buttons.<br>Outputs: 1× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2300 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-2-N2 cover plates. |                 |   |
|   | <b>SSA-F-1.1.PB.1</b>  | 2CKA006220A0232 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>free@home Sensor/Switch actuator 2/1-gang - 2M</b><br>For switching 127/230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 4 fold push buttons.<br>Outputs: 1× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2300 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-4-N2 cover plates. |                 |   |
|   | <b>SSA-F-2.1.PB.1</b>  | 2CKA006220A0233 | 1 |

### Sensor & switch actuators

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>free@home Sensor/Switch actuator 2/2-gang - 2M</b><br>For switching 127/230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured.<br>Use with ABB-free@home® 4 fold push buttons.<br>Outputs: 2× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2 x 1200 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-4-N2 cover plates. |                 |          |
|   | <b>SSA-F-2.2.PB.1</b>   | 2CKA006220A0234 | 1        |



### Sensor & dimmer actuators

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>free@home Sensor/Dimmer actuator 1/1-gang - 2M</b><br>For dimming 127/230 V~ loads. With integrated universal dimming.<br>Actuator for controlling different lamps. The dimming function.<br>Is available pre-configured. Use with ABB-free@home® 2 fold push buttons.<br>Outputs: 1× dimming channel.<br>Suitable for: 230 V incandescent lamps and low-voltage. Halogen lamps with conventional transformers or electronic.<br>Transformers.<br>Rated power: 10–180 W/VA.<br>Suitable for: LEDi and energy-saving bulbs.<br>Rated power: 2–80 W/VA.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-2-N2 cover plates. |                 |   |
|  | <b>SDA-F-1.1.PB.1</b>  | 2CKA006220A0235 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>free@home Sensor/Dimmer actuator 2/1-gang - 2M</b><br>For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured. Use with ABB-free@home® 4 fold push buttons.<br>Outputs: 1× dimming channel.<br>Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.<br>Rated power: 10–180 W/VA.<br>Suitable for: LEDi and energy-saving bulbs.<br>Rated power: 2–80 W/VA.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-4-N2 cover plates. |                 |   |
|   | <b>SDA-F-2.1.PB.1</b>   | 2CKA006220A0236 | 1 |

## Zenit - ABB-free@home®



### Sensor & blind actuators

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>free@home Sensor/Blind actuator 1/1-gang - 2M</b><br>For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. To be used with ABB-free@home® 2 fold push buttons. Outputs: 1× Change-over contacts/normally open contact, potential-bound.<br>Rated power: 920 VA.<br>Rated current: 4 A.<br>Suitable for: Operating mode blind.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-2-N2 cover plates. |                 |          |
| <b>SBA-F-1.1.PB.1</b>  |   | 2CKA006220A0237 | 1        |
|  | <b>free@home Sensor/Blind actuator 2/1-gang - 2M</b><br>For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. To be used with ABB-free@home® 4 fold push buttons. Outputs: 1× Change-over contacts/normally open contact, potential-bound.<br>Rated power: 920 VA.<br>Rated current: 4 A.<br>Suitable for: Operating mode blind.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-4-N2 cover plates. |                 |          |
| <b>SBA-F-2.1.PB.1</b>  |   | 2CKA006220A0238 | 1        |

### Room temperature controllers


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>free@home Room temperature controller - 2M</b><br>Room temperature control function for controlling commercially available valve drives or analogue valve drives (continuous controllers).<br>With display of set-value temperature. Only to be used with ABB-free@home® Zenit cover plates for room thermostat.<br>Display elements: LCD Display showing operation modes.<br>Protection class of device: IP 20.<br>Mounting depth: 17,9 mm.<br>To be installed with CP-RTC-N2 or CP-RTC-FC-N2 cover plates. |                 |   |
| <b>RTC-F-1.PB</b>   |   | 2CKA006220A0276 | 1 |


### Motion sensor & actuators

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>free@home 180° motion sensor - 2M</b><br>With select lens for detection with animal access. For automatic switching of ABB-free@home® actuators dependent on movement and brightness. To be used with ABB-free@home® Zenit cover plates for movement detector.<br>Detection range: frontal 6 m, lateral 3 m.<br>Detection angle: 180°.<br>Brightness limit value: 1 – 500 lux.<br>Protection class of device: IP 20.<br>Mounting depth: 14.1 mm.<br>To be installed with CP-MD-N2 cover plates.   |                 |          |
| <b>MD-F-1.0.PB.1</b>  |  | 2CKA006220A0229 | 1        |
|  | <b>free@home 180° motion sensor/actuator - 2M</b><br>With select lens for detection with animal access. Including an integrated actuator for switching 230 V~ devices. To be used with ABB-free@home® Zenit cover plates for movement detector.<br>Outputs: 1× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2300 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Detection range: frontal 6 m, lateral 3 m.<br>Detection angle: 180°.<br>Brightness limit value: 1 – 500 lux.<br>Protection class of device: IP 20.<br>Mounting depth: 31.5 mm.<br>To be installed with CP-MD-N2 cover plates. |                 |          |
| <b>MSA-F.1.1.PB.1</b>   |  | 2CKA006220A0231 | 1        |


## Zenit - ABB-free@home®


### Sensors - Wireless

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>free@home Wireless sensor unit 1-gang - 2M</b><br>Wireless communication with the system.<br>For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 2 fold push buttons.<br>Control element: Switch contacts top/ bottom.<br>Display elements: LED as light for orientation or display of switching state.<br>Protection class of device: IP 20.<br>Mounting depth: 14,1 mm.<br>To be installed with SR-2-N2 cover plates. |                 |          |
|   | <b>SU-F-1.0.PB.1-WL</b>  | 2CKA006200A0106 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>free@home Wireless sensor unit 2-gang - 2M</b><br>Wireless communication with the system.<br>For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 4 fold push buttons.<br>Control element: Switch contacts top/ bottom.<br>Display elements: LED as light for orientation or display of switching state.<br>Protection class of device: IP 20.<br>Mounting depth: 14,1 mm.<br>To be installed with SR-4-N2 cover plates. |                 |   |
|   | <b>SU-F-2.0.PB.1-WL</b>  | 2CKA006200A0107 | 1 |

### Sensors & switch actuators - Wireless


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>free@home Wireless sensor / Switch actuator 1/1-gang - 2M</b><br>Wireless communication with the system.<br>For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured.<br>Use with ABB-free@home® 2 fold push buttons.<br>Outputs: 1× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2300 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-2-N2 cover plates. |                 |   |
|   | <b>SSA-F-1.1.PB.1-WL</b>  | 2CKA006200A0108 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>free@home Wireless sensor / Switch actuator 2/1-gang - 2M</b><br>Wireless communication with the system.<br>For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured.<br>Use with ABB-free@home® 4 fold push buttons.<br>Outputs: 1× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2300 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-4-N2 cover plates. |                 |   |
|   | <b>SSA-F-2.1.PB.1-WL</b>  | 2CKA006200A0109 | 1 |

### Sensors & switch actuators - Wireless

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>free@home Wireless sensor / Switch actuator 2/2-gang - 2M</b><br>Wireless communication with the system.<br>For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured.<br>Use with ABB-free@home® 4 fold push buttons.<br>Outputs: 2× normally open contact, potential free.<br>Suitable for: resistive.<br>Rated current: 10 A.<br>Rated power: 2 x 1200 W.<br>Suitable for: capacitive.<br>Rated current: 10 AX.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-4-N2 cover plates. |                 |          |
|   | <b>SSA-F-2.2.PB.1-WL</b>  | 2CKA006200A0110 | 1        |

### Sensors & dimmer actuators - Wireless



|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>free@home Wireless sensor / Dimmer actuator 1/1-gang - 2M</b><br>Wireless communication with the system.<br>For dimming 230 V~ loads. With integrated universal dimming.<br>Actuator for controlling different lamps.<br>The dimming function.<br>Is available pre-configured. Use with ABB-free@home® 2 fold. Push buttons.<br>Outputs: 1× dimming channel.<br>Suitable for: 230 V incandescent lamps and low-voltage. Halogen lamps with conventional transformers or electronic. Transformers.<br>Rated power: 10–180 W/VA.<br>Suitable for: LEDi and energy-saving bulbs.<br>Rated power: 2–80 W/VA.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-2-N2 cover plates. |                 |   |
|   | <b>SDA-F-1.1.PB.1-WL</b>  | 2CKA006200A0111 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>free@home Wireless sensor / Dimmer actuator 2/1-gang - 2M</b><br>Wireless communication with the system.<br>For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps.<br>The dimming function is available pre-configured.<br>Use with ABB-free@home® 4 fold push buttons.<br>Outputs: 1× dimming channel.<br>Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.<br>Rated power: 10–180 W/VA.<br>Suitable for: LEDi and energy-saving bulbs.<br>Rated power: 2–80 W/VA.<br>Protection class of device: IP 20.<br>Mounting depth: 31,5 mm.<br>To be installed with SR-4-N2 cover plates. |                 |   |
|   | <b>SDA-F-2.1.PB.1-WL</b>  | 2CKA006200A0112 | 1 |





## Zenit - ABB-free@home®


### Sensors & blind actuators - Wireless

| Product  | Article-No.              | Order-No.       | Pack/Qty |
|--|--------------------------|-----------------|----------|
|  <p><b>free@home Wireless sensor/ Blind actuator 1/1-gang - 2M</b><br/>Wireless communication with the system. For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured.<br/>To be used with ABB-free@home® 2 fold push buttons.<br/>Outputs: 1× Change-over contacts/normally open contact, potential-bound.<br/>Rated power: 920 VA.<br/>Rated current: 4 A.<br/>Suitable for: Operating mode blind.<br/>Protection class of device: IP 20.<br/>Mounting depth: 31,5 mm.<br/>To be installed with SR-2-N2 cover plates.</p>  | <b>SBA-F-1.1.PB.1-WL</b> | 2CKA006200A0113 | 1        |
|  <p><b>free@home Wireless sensor/ Blind actuator 2/1-gang - 2M</b><br/>Wireless communication with the system. For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured.<br/>To be used with ABB-free@home® 4 fold push buttons.<br/>Outputs: 1× Change-over contacts/normally open contact, potential-bound.<br/>Rated power: 920 VA.<br/>Rated current: 4 A.<br/>Suitable for: Operating mode blind.<br/>Protection class of device: IP 20.<br/>Mounting depth: 31,5 mm.<br/>To be installed with SR-4-N2 cover plates.</p> | <b>SBA-F-2.1.PB.1-WL</b> | 2CKA006200A0114 | 1        |

### Room temperature controllers - Wireless


| Product   | Article-No.              | Order-No.       | Pack/Qty |
|---|--------------------------|-----------------|----------|
|  <p><b>free@home Wireless room temperature controller - 2M</b><br/>Wireless communication with the system. Room temperature control function for controlling commercially available valve drives or analogue valve drives (continuous controllers).<br/>With display of set-value temperature.<br/>Display elements: LCD Display showing operation modes.<br/>Mounting depth: 17,9 mm.<br/>To be installed with CP-RTC-N2 or CP-RTC-FC-N2 cover plates.</p>  | <b>RTC-F-1.PB-WL</b>     | 2CKA006200A0115 | 1        |
|  <p><b>free@home Wireless RTC / Heating actuator - 2M</b><br/>Wireless communication with the system. Heating/cooling operation.<br/>Control element with room temperature controller function.<br/>With display of set-value temperature.<br/>With integrated switch actuator, e.g. for controlling thermoelectric actuating drives in heating/cooling systems or electric floor heating systems.<br/>RTC function is available also without prior programming (pre-configured).<br/>3 wire connection (neutral conductor required).<br/>Control element: Floating rocker for the selection of set values and operating modes<br/>Display elements: LCD showing operation modes<br/>Rated voltage: 230 V~ / 50-60 Hz<br/>Outputs: 1 Normally open contact, potential-bound<br/>Suitable for: ohmic<br/>Rated current: 16 A<br/>Output voltage: 230 V~<br/>Rated power: 3680 W<br/>Mounting depth: 32 mm.<br/>To be installed with CP-RTC-N2 cover plates.</p> | <b>RTC-F-2.1.1.PB-WL</b> | 2CKA006200A0116 | 1        |


### Motion sensor & actuator - Wireless


|  |                       |                 |   |
|--|-----------------------|-----------------|---|
|  <p><b>free@home Wireless 180° motion sensor/ actuator - 2M</b><br/>Wireless communication with the system. With select lens for detection with animal access. Including an integrated actuator for switching 230 V~ devices. To be used with ABB-free@home® Zenit cover plates for movement detector.<br/>Outputs: 1× normally open contact, potential free.<br/>Suitable for: resistive.<br/>Rated current: 10 A.<br/>Rated power: 2300 W.<br/>Suitable for: capacitive.<br/>Rated current: 10 AX.<br/>Detection range: frontal 6 m, lateral 3 m.<br/>Detection angle: 180°.<br/>Brightness limit value: 1 – 500 lux.<br/>Protection class of device: IP 20.<br/>Mounting depth: 31.5 mm.<br/>To be installed with CP-MD-N2 cover plates.</p> | <b>MSA-F-1.1.1-WL</b> | 2CKA006200A0117 | 1 |
|--|-----------------------|-----------------|---|


## Zenit - ABB-free@home®


### Covers for sensors & actuators

| Color  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Cover plate - free@home 1-gang sensors - 2M</b><br/>Cover plate for free@home sensors and sensor/actuators with 1-gang sensors code: SU-F-1.0.PB.1, SSA-F-1.1.PB.1, SDA-F-1.1.PB.1 and SBA-F-1.1.PB.1.<br/>Included: 2 buttons without symbol.</p> |                   |                 |          |
| White  | <b>SR-2-N2 BL</b> | 2CLA222620N1102 | 1        |
| Silver   | <b>SR-2-N2 PL</b> | 2CLA222620N1302 | 1        |
| Anthracite   | <b>SR-2-N2 AN</b> | 2CLA222620N1802 | 1        |
| Champagne  | <b>SR-2-N2 CV</b> | 2CLA222620N1902 | 1        |


|  |                   |                 |   |
|--|-------------------|-----------------|---|
|  <p><b>Cover plate - free@home 2-gang sensors - 2M</b><br/>Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.PB.1, SSA-F-2.1.PB.1, SDA-F-2.2.PB.1, SDA-F-2.1.PB.1 and SBA-F-2.1.PB.1.<br/>Included: 4 buttons without symbol.</p> |                   |                 |   |
| White  | <b>SR-4-N2 BL</b> | 2CLA222640N1102 | 1 |
| Silver   | <b>SR-4-N2 PL</b> | 2CLA222640N1302 | 1 |
| Anthracite   | <b>SR-4-N2 AN</b> | 2CLA222640N1802 | 1 |
| Champagne  | <b>SR-4-N2 CV</b> | 2CLA222640N1902 | 1 |

|  |                     |                 |   |
|--|---------------------|-----------------|---|
|  <p><b>Cover plate - free@home RTC - 2M</b><br/>Cover plate with RTC symbols for free@home room temperature controller code RTC-F-1.PB.</p> |                     |                 |   |
| White  | <b>CP-RTC-N2 BL</b> | 2CLA224060N1102 | 1 |
| Silver   | <b>CP-RTC-N2 PL</b> | 2CLA224060N1302 | 1 |
| Anthracite   | <b>CP-RTC-N2 AN</b> | 2CLA224060N1802 | 1 |
| Champagne  | <b>CP-RTC-N2 CV</b> | 2CLA224060N1902 | 1 |

|  |                        |                 |   |
|--|------------------------|-----------------|---|
|  <p><b>Cover plate - free@home fan coil control - 2M</b><br/>Cover plate with fan coil control symbols for free@home room temperature controller code RTC-F-1.PB.</p> |                        |                 |   |
| White  | <b>CP-RTC-FC-N2 BL</b> | 2CLA225420N1102 | 1 |
| Silver   | <b>CP-RTC-FC-N2 PL</b> | 2CLA225420N1302 | 1 |
| Anthracite   | <b>CP-RTC-FC-N2 AN</b> | 2CLA225420N1802 | 1 |
| Champagne  | <b>CP-RTC-FC-N2 CV</b> | 2CLA225420N1902 | 1 |





|  |                    |                 |   |
|--|--------------------|-----------------|---|
|  <p><b>Cover plate - free@home motion sensor - 2M</b><br/>Cover plate for free@home motion sensors and sensor/actuators code: MD-F-1.0.PB.1 and MSA-F-1.1.PB.1.</p> |                    |                 |   |
| White  | <b>CP-MD-N2 BL</b> | 2CLA224160N1102 | 1 |
| Silver   | <b>CP-MD-N2 PL</b> | 2CLA224160N1302 | 1 |
| Anthracite   | <b>CP-MD-N2 AN</b> | 2CLA224160N1802 | 1 |
| Champagne  | <b>CP-MD-N2 CV</b> | 2CLA224160N1902 | 1 |

### Buttons with symbols





| Color   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>free@home button with symbol</b><br/>Button with free@home symbol for sensor and sensor/actuator's cover plates code:<br/>SR-2-N2 and SR-4-N2.<br/>- SBL: light symbol.<br/>- SBB: blind symbol.<br/>- SBS: scene symbol.<br/>- SBD: dimmer symbol.</p> |                 |                 |          |
| White   | <b>SBL-N2BL</b> | 2CLA202610N1102 | 20       |
| Gray  | <b>SBL-N2GR</b> | 2CLA202610N1402 | 20       |
| White   | <b>SBB-N2BL</b> | 2CLA202620N1102 | 20       |
| Gray  | <b>SBB-N2GR</b> | 2CLA202620N1402 | 20       |
| White   | <b>SBS-N2BL</b> | 2CLA202630N1102 | 20       |
| Gray  | <b>SBS-N2GR</b> | 2CLA202630N1402 | 20       |
| White   | <b>SBD-N2BL</b> | 2CLA202640N1102 | 20       |
| Gray  | <b>SBD-N2GR</b> | 2CLA202640N1402 | 20       |

## Zenit - ABB-free@home®

### Touch displays




| Color  | Article-No.      | Order-No.       | Pack/Qty |
|--|------------------|-----------------|----------|
|  <p><b>ABB-free@homeTouch 7"</b><br/>For the central control of up to 16 configurable ABB-free@home® functions of type: switching, dimming, blind, RTC, scene, Philips HUE. Display of the video image of the outdoor station of ABB-Welcome door entry system. Suitable as room temperature controller extension unit (up to 8). Surface mounting. The bus can be connected via enclosed terminal block. Display size / resolution: 17.8 cm (7") / 800 x 480<br/>Consumer units: 11<br/>Display elements: TFT Touch Display<br/>Dimensions: (L x W x D): 155 mm x 218 mm x 29 mm<br/>Programming only with bus voltage applied via the web interface of the System Access Point. The power is supplied by the ABB-Welcome system controller or when using the ABB-free@home panel without an ABB-Welcome system, a separate ABB 24 V- power supply is required. Protection class (device): IP30<br/>Temperature range (device): -5 °C to 40 °C</p>   |                  |                 |          |
| White  | <b>DP7-S-611</b> | 2CKA008300A0356 | 1        |
| Black  | <b>DP7-S-625</b> | 2CKA008300A0357 | 1        |
|  <p><b>ABB-free@homeTouch 4.3"</b><br/>For the central control of up to 16 configurable ABB-free@home® functions. For the display of configurable system messages. A configurable primary function can be triggered with a multi-touch gesture. Capacitive touch screen with closed glass surface. With integrated room temperature controller and temperature sensor. In connection with temperature sensor 6226/T the integrated room temperature controller can be fitted with a remote sensor. Suitable as room temperature controller extension unit (up to 8). Requires additional ABB power supply 24 VDC. Display size / resolution: 10.9 cm (4.3") / 480 x 854. Mounting height: 8 mm. Control element: freely programmable touch surfaces. Display elements: LCD display<br/>Bus voltage: 24 V-<br/>Dimensions: (L x W x D): 104 mm x 143 mm x 53 mm<br/>Programming only with bus voltage applied via the web interface of the System Access Point. Protection class (device): IP20<br/>Temperature range (device): -5 °C to 40 °C</p> |                  |                 |          |
| White  | <b>DP4-1-611</b> | 2CKA006220A0119 | 1        |
| Black  | <b>DP4-1-625</b> | 2CKA006220A0120 | 1        |
|  <p><b>Flush mounting installation box</b><br/>For flush-mounted in hollow-wall installation of the ABB-free@homeTouch 4.3".<br/>Windproof.<br/>Installation dimensions (H x W x D): 82 mm. x 123 mm. x 50 mm.<br/>Mounting depth: 50 mm.<br/>Halogen free.</p>   |                  |                 |          |
| Black  | <b>DP4-F</b>     | 2CKA006220A0389 | 1        |
|  <p><b>Temperature sensor</b><br/>For use as remote sensor with ABB- free@homeTouch 4.3".<br/>Line type: H03 VV-F<br/>Cable length: 4 m<br/>Type: NTC 10 kohm.</p>  |                  |                 |          |
|  | <b>DP4-T-1</b>   | 2CKA006220A0721 | 1        |

### System Access Point




| Color   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>System Access Point 2.0</b><br/>For commissioning and remote control of the ABB-free@home® system. With integrated free@home wireless antenna. With integrated free@home bus connection. Allows the execution of astro and time programs. Commissioning and remote control is executed via the web interface or app. No additional commissioning software is required. Easy commissioning with WLAN ad-hoc mode. WLAN modes switchable via local operation. Connection to the home network via WLAN client mode or via CAT cable. The bus connection is provided via the enclosed bus terminal. Display elements: LED for status display. Rated voltage: 230 V~; 50/60 Hz. Bus voltage: 24 V. Dimensions: (L x W x D): 107 mm x 109 mm x 30 mm<br/>Programming via the web interface of the SAP. Suitable as table device or for wall mounting. 2 x USB ports for future extension of functions. 2.4 GHz and 5 GHz WLAN</p> |                    |                 |          |
|   | <b>SAP/S.3</b>     | 2CKA006200A0155 | 1        |
|  <p><b>External antenna - Wireless</b><br/>For use with System Access Point SAP-S-2 and SAP-S-127.2. Feed the free@home wireless signal to the outside when the internal antenna of the System Access Point is shielded due to structural conditions. With magnetic base. Cable length: 1.5 m.</p>  |                    |                 |          |
|   | <b>SAP-1-WL</b>    | 2CKA006200A0100 | 1        |
|  <p><b>Weather station</b><br/>For recording and transmitting of brightness, temperature, wind speed and rain. Weather data can be linked with actuators to automatically control functions. Weather data can be visualized in the free@home web interface and the free@home app. Wind speed measuring range 2 - 30 m/s<br/>The bus can be connected via enclosed terminal block. Rated voltage: 110 V~ - 230 V~; 50/60 Hz. Bus voltage: 24 V-<br/>Inputs: 4<br/>Temperature range (sensor): Brightness limit value: 1 lux - 100000 lux<br/>Dimensions: (L x W x D): 108 mm x 121 mm x 227 mm<br/>Protection class (device): IP44<br/>Temperature range (device): -20 °C to 55 °C</p>  |                    |                 |          |
|   | <b>WS-1</b>        | 2CKA006220A0390 | 1        |
|  <p><b>Power supply</b><br/>Power supply with integrated choke. Fast diagnosis due to LED display for operational readiness and errors. The bus can be connected via enclosed terminal block. Display elements: operational load/overload LED<br/>Rated voltage: 127 V~ - 230 V~, +10 % / -15 %; 50/60Hz<br/>Secondary: 30 V, +2 V / -2 V<br/>Outputs: 1<br/>Rated current: 640 mA<br/>Protection class (device): IP20<br/>Temperature range (device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm<br/>Module width (DIN-rail): 4 MW</p>   |                    |                 |          |
|   | <b>PS-M-64.1.1</b> | 2CDG510001R0011 | 1        |

## Zenit - ABB-free@home®

### Binary inputs

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Binary input 2-gang</b><br>Conventional push-buttons or auxiliary contacts can be connected to 2 channels. The information of the contact scanning can be used for activating ABB-free@home® actuators or for recording status information. The contact polling voltage is made available from the binary input itself. Extension of the connecting cables possible by a maximum of 10 m.<br>Flush-mounted device for installation in a 60 mm device box or distribution box.<br>The bus can be connected via enclosed terminal block.<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Bus voltage: 24 V<br>Inputs: 2<br>Polling voltage: 20 V-<br>Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm. |                 |          |
|   | <b>BI-F-2.0.1</b>   | 2CDG510002R0011 | 1        |
|   | <b>Binary input 4-gang</b><br>Conventional push-buttons or auxiliary contacts can be connected to 4 channels. The information of the contact scanning can be used for activating ABB-free@home® actuators or for recording status information. The contact polling voltage is made available from the binary input itself. Extension of the connecting cables possible by a maximum of 10 m.<br>Flush-mounted device for installation in a 60 mm device box or distribution box.<br>The bus can be connected via enclosed terminal block.<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Bus voltage: 24 V<br>Inputs: 4<br>Polling voltage: 20 V-<br>Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm  |                 |          |
|   | <b>BI-F-4.0.1</b>   | 2CDG510003R0011 | 1        |
|  | <b>Binary input 4-gang</b><br>The device detects AC/DC signals of 10 - 230 V via 4 channels. The information of the signal evaluation can be used for controlling ABB-free@home® actuators or for recording status information.<br>The bus can be connected via enclosed terminal block.<br>Programming only with bus voltage applied via the web interface of the System Access Point.<br>Bus voltage: 24 V<br>Inputs: 4<br>Module width DIN-rail): 2 MW   |                 |          |
|   | <b>BI-M-4.0.1</b>   | 2CDG510004R0011 | 1        |



### Switch actuators

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Binary input 8-gang / switch actuator 8-gang</b><br>With 8 binary inputs and 8 switch actuators. Zenit push-buttons or auxiliary contacts can be connected to 8 channels. These can be used for activating ABB-free@home® actuators or for recording status information.<br>Maximum cable length at a cable cross-section of 1.5 mm <sup>2</sup> < 100 m<br>For switching 8 independent 127/230 V~ loads.<br>No additional commissioning software is required.<br>Bus voltage: 24 V<br>Inputs: 8<br>Polling voltage: 32 V-<br>Outputs: 8 Normally Open contact, potential free<br>Suitable for: AC1 (Output voltage: 230 V~)<br>Rated current: 6 A, cos φ0.8<br>Suitable for: AC3 (Output voltage: 230 V~)<br>Rated current: 6 A, cos φ0.45<br>Module width (DIN-rail): 8 MW. |                 |          |
|   | <b>SA-M-8.8.1</b>  | 2CDG510007R0011 | 1        |
|  | <b>Switch actuator 4-gang</b><br>For switching 4 independent 127/230 V~ loads. Each contact has a manual operation function independent of auxiliary voltage for additionally displaying the contact setting.<br>Control element: relay control element.<br>Display elements: relay control element.<br>Power dissipation: 4 W<br>Bus voltage: 24 V<br>Outputs: 4<br>Suitable for: AC1 (Output voltage: 230 V~)<br>Rated current: 16 A, cos φ0.8<br>Suitable for: AC3<br>Rated current: 8 A, cos φ0.45<br>Module width (DIN-rail): 4 MW.   |                 |          |
|   | <b>SA-M-0.4.1</b>  | 2CDG510006R0011 | 1        |
|  | <b>Blind actuator 4-gang</b><br>Control of 4 independent blind or roller shutters. The outputs are inversely blocked.<br>Power dissipation: 2 W<br>Bus voltage: 24 V<br>Outputs: 4<br>Suitable for: AC3 (Output voltage: 230 V~)<br>Rated current: 6 A, cos φ0.45<br>Module width (DIN-rail): 4 MW.  |                 |          |
|   | <b>BA-M-0.4.1</b>  | 2CDG510011R0011 | 1        |




### Blind actuator

## Zenit - ABB-free@home®

### Dimming actuator


| Product  | Article-No.           | Order-No.       | Pack/Qty |
|--|-----------------------|-----------------|----------|
|  <p><b>Dimming actuator 4-gang - 230Vac</b><br/>Multi-channel universal dimming actuator for controlling LEDs, incandescent lamps, 230 V halogen lamps, low-voltage halogen lamps with conventional or electronic transformers, and dimmable energy-saving halogen lamps. For dimmable Retrofit-LEDs (LEDi). Increasing the max. load via channel bridging possible. The outputs can be switched parallel in any combination. Outputs automatically recognize the connected load. In addition, the operating mode can be selected manually.<br/>Status indication of the channels via LED.<br/>The bus can be connected via enclosed terminal block.<br/>Display elements: outputs status indication via LED.<br/>Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Rated voltage: 230 V~; 50/60 Hz<br/>Bus voltage: 24 V<br/>Outputs: 4 dimming channel<br/>Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.<br/>Rated power: 10 - 315 W/VA<br/>Suitable for: LEDi and energy-saving bulbs; typical<br/>Rated power: 2 - 80 W/VA<br/>Protection class (device): IP20<br/>Temperature range (device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 90 mm x 144 mm x 64 mm<br/>Module width (DIN-rail): 8 MW.</p> | <b>DA-M-0.4.2</b>     | 2CKA006220A0395 | 1        |
|  <p><b>Dimming actuator 4-gang - 127Vac</b><br/>Multi-channel universal dimming actuator for controlling LEDs, incandescent lamps, 230 V halogen lamps, low-voltage halogen lamps with conventional or electronic transformers, and dimmable energysaving halogen lamps. For dimmable Retrofit-LEDs (LEDi). Increasing the max. load via channel bridging. The outputs can be switched parallel. Outputs automatically recognize the connected load. The operating mode can be selected manually.<br/>Status indication of the channels via LED.<br/>Display elements: outputs status indication via LED.<br/>Rated voltage: 127 V~; 50/60 Hz<br/>Bus voltage: 24 V<br/>Outputs: 4 dimming channel<br/>Suitable for: 127 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.<br/>Rated power: 5 - 150 W/VA<br/>Suitable for: LEDi and energy-saving bulbs; typical<br/>Rated power: 2 - 40 W/VA<br/>Module width (DIN-rail): 8 MW.</p>   | <b>DA-M-0.4.127.1</b> | 2CKA006220A0239 | 1        |


### Heating & fan coil actuators

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Heating actuator 6-gang</b><br/>For controlling thermoelectric actuating drives in heating/cooling systems.<br/>The outputs are protected against short-circuit and overload. The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Power dissipation: 2 W<br/>Bus voltage: 24 V<br/>Outputs: 6<br/>Suitable for: resistive<br/>Rated current: 160 mA<br/>Module width (DIN-rail): 4 MW.</p>   | <b>HA-M-0.6.1</b>  | 2CDG510008R0011 | 1        |
|  <p><b>Heating actuator 12-gang</b><br/>For controlling thermoelectric actuating drives in heating/cooling systems.<br/>The outputs are protected against short-circuit and overload. The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Power dissipation: 4 W<br/>Bus voltage: 24 V<br/>Outputs: 12<br/>Suitable for: ohmic<br/>Rated current: 160 mA<br/>Module width: 8 MW.</p>  | <b>HA-M-0.12.1</b> | 2CDG510009R0011 | 1        |
|  <p><b>Fan coil actuator</b><br/>For controlling blower convectors. Supports 2-pipe and 4-pipe system for heating and cooling. The fan speed levels can be switched using a changeover or step switch function.<br/>Three contacts for switching a three-stage fan.<br/>Two contacts for activating the heating and cooling valves.<br/>Supports 24V and 230V valves.<br/>With two binary inputs for connecting dew-point and condensation contacts.<br/>The scanning voltage is provided by the device.<br/>The bus connection is provided via the enclosed bus terminal.<br/>Programming only with bus voltage applied via the web interface of the System Access Point.<br/>Bus voltage: 24 V<br/>Inputs: 2<br/>Polling voltage: 10 V-<br/>Outputs: 3 Normally Open contact, potential free<br/>Suitable for: AC3 (Output voltage: 230 V~)<br/>Rated current: 6 A<br/>Module width (DIN-rail): 6 MW.</p> | <b>FCA-M-2.3.1</b> | 2CDG510010R0011 | 1        |


## Zenit - ABB i-bus® KNX


### Push switch sensors

| Product   | Article-No.   | Order-No.  | Pack/Qty |
|---|---|------------|----------|
|  | <b>KNX sensor - 1/2-gang - 1M</b><br>Push switch function: switching, dimming, blind or scene.<br>Display elements: LED to indicate the function.<br>To be installed with N2121, N2121.1, N2121.3, N2121.5, N2121.8, N2121.9 or N21 customized rockers. | <b>NEW</b> |          |
| <b>RS/U 1.1</b>   | 2CSY244490R1012   | 1          |          |


|   |   |            |  |
|---|---|------------|--|
|  | <b>KNX sensor - 2/4-gang - 2M</b><br>Push switch function: switching, dimming, blind or scene.<br>Display elements: LED to indicate the function.<br>To be installed with N2121, N2121.1, N2121.3, N2121.5, N2121.8, N2121.9 or N21 customized rockers. | <b>NEW</b> |  |
| <b>RS/U 2.1</b>   | 2CSY247450R1003   | 1          |  |

### Push switch sensor & switch actuators


|   |  |            |  |
|---|--|------------|--|
|  | <b>KNX sensor/switch actuator - 2/1-gang - 2M</b><br>Push switch function: switching, dimming, blind or scene.<br>Display elements: LED to indicate the function.<br>Outputs: 1x potential free contact.<br>Rated current: 16 A.<br>To be installed with N2121, N2121.1, N2121.3, N2121.5, N2121.8, N2121.9 or N21 customized rockers. | <b>NEW</b> |  |
| <b>RA/U 1.16.1</b>  | 2CSY249580R1103  | 1          |  |


|   |  |            |  |
|---|--|------------|--|
|  | <b>KNX sensor/switch actuator - 2/2-gang - 2M</b><br>Push switch function: switching, dimming, blind or scene.<br>Display elements: LED to indicate the function.<br>Outputs: 2x potential free contacts.<br>Rated current: 8 A.<br>To be installed with N2121, N2121.1, N2121.3, N2121.5, N2121.8, N2121.9 or N21 customized rockers. | <b>NEW</b> |  |
| <b>RA/U 2.8.1</b>   | 2CSY242150R1106  | 1          |  |

### Push switch sensor & blind actuators

|   |   |            |  |
|---|---|------------|--|
|  | <b>KNX sensor/blind actuator - 1/1-gang - 2M</b><br>Push switch function: switching, dimming, blind or scene.<br>Display elements: LED to indicate the function.<br>Outputs: 1x change-over contacts/potential-bound<br>Rated current: 8 A.<br>To be installed with N2221, N2221.1, N2221.3, N2221.5, N2221.8, N2221.9 or N22 customized rockers. | <b>NEW</b> |  |
| <b>RB/U 1.1</b>   | 2CSY247240R1105   | 1          |  |


### Rockers for push switch sensors


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker cover without symbol - 1M</b><br>Rocker cover without symbol for KNX sensor/actuator.<br>Suitable for codes: RS/U 1.1 and left and right positions of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |          |
| White   | <b>N2121 BL</b>  | 2CLA212100N1101 | 10       |
| Silver  | <b>N2121 PL</b>  | 2CLA212100N1301 | 10       |
| Anthracite  | <b>N2121 AN</b>  | 2CLA212100N1801 | 10       |
| Champagne   | <b>N2121 CV</b>  | 2CLA212100N1901 | 10       |
| Total White   | <b>N2121 BB</b>  | 2CLA212100N1201 | 10       |
| Total Anthracite  | <b>N2121 AA</b>  | 2CLA212100N1601 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover without symbol - 2M</b><br>Rocker cover without symbol for KNX sensor/actuator.<br>Suitable for codes: RB/U 1.1. | <b>NEW</b>      |    |
| White   | <b>N2221 BL</b>  | 2CLA222100N1101 | 10 |
| Silver  | <b>N2221 PL</b>  | 2CLA222100N1301 | 10 |
| Anthracite  | <b>N2221 AN</b>  | 2CLA222100N1801 | 10 |
| Champagne   | <b>N2221 CV</b>  | 2CLA222100N1901 | 10 |
| Total White   | <b>N2221 BB</b>  | 2CLA222100N1201 | 10 |
| Total Anthracite  | <b>N2221 AA</b>  | 2CLA222100N1601 | 10 |


## Zenit - ABB i-bus® KNX


### Rockers for push switch sensors

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker cover with lamp symbol - 1M</b><br>Rocker cover with lamp symbol for KNX sensor/actuator.<br>Suitable for codes: RS/U 1.1 and left position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |          |
| White   | <b>N2121.1 BL</b>   | 2CLA212110N1101 | 10       |
| Silver  | <b>N2121.1 PL</b>   | 2CLA212110N1301 | 10       |
| Anthracite  | <b>N2121.1 AN</b>   | 2CLA212110N1801 | 10       |
| Champagne   | <b>N2121.1 CV</b>   | 2CLA212110N1901 | 10       |
| Total White   | <b>N2121.1 BB</b>   | 2CLA212110N1201 | 10       |
| Total Anthracite  | <b>N2121.1 AA</b>   | 2CLA212110N1601 | 10       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Rocker cover with lamp symbol - Right - 1M</b><br>Rocker cover with lamp symbol for KNX sensor/actuator.<br>Suitable for codes: right position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |    |
| White   | <b>N2121.1R BL</b>  | 2CLA212112N1101 | 10 |
| Silver  | <b>N2121.1R PL</b>  | 2CLA212112N1301 | 10 |
| Anthracite  | <b>N2121.1R AN</b>  | 2CLA212112N1801 | 10 |
| Champagne   | <b>N2121.1R CV</b>  | 2CLA212112N1901 | 10 |
| Total White   | <b>N2121.1R BB</b>  | 2CLA212112N1201 | 10 |
| Total Anthracite  | <b>N2121.1R AA</b>  | 2CLA212112N1601 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with lamp symbol - 2M</b><br>Rocker cover with lamp symbol for KNX sensor/actuator.<br>Suitable for codes: RB/U 1.1. | <b>NEW</b>      |    |
| White   | <b>N2221.1 BL</b>  | 2CLA222110N1101 | 10 |
| Silver  | <b>N2221.1 PL</b>  | 2CLA222110N1301 | 10 |
| Anthracite  | <b>N2221.1 AN</b>  | 2CLA222110N1801 | 10 |
| Champagne   | <b>N2221.1 CV</b>  | 2CLA222110N1901 | 10 |
| Total White   | <b>N2221.1 BB</b>  | 2CLA222110N1201 | 10 |
| Total Anthracite  | <b>N2221.1 AA</b>  | 2CLA222110N1601 | 10 |


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker cover with blind symbol - 1M</b><br>Rocker cover with blind symbol for KNX sensor/actuator.<br>Suitable for codes: RS/U 1.1 and left and right positions of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |          |
| White   | <b>N2121.3 BL</b>  | 2CLA212130N1101 | 10       |
| Silver  | <b>N2121.3 PL</b>  | 2CLA212130N1301 | 10       |
| Anthracite  | <b>N2121.3 AN</b>  | 2CLA212130N1801 | 10       |
| Champagne   | <b>N2121.3 CV</b>  | 2CLA212130N1901 | 10       |
| Total White   | <b>N2121.3 BB</b>  | 2CLA212130N1201 | 10       |
| Total Anthracite  | <b>N2121.3 AA</b>  | 2CLA212130N1601 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with blind symbol - 2M</b><br>Rocker cover with blind symbol for KNX sensor/actuator.<br>Suitable for codes: RB/U 1.1. | <b>NEW</b>      |    |
| White   | <b>N2221.3 BL</b>  | 2CLA222130N1101 | 10 |
| Silver  | <b>N2221.3 PL</b>  | 2CLA222130N1301 | 10 |
| Anthracite  | <b>N2221.3 AN</b>  | 2CLA222130N1801 | 10 |
| Champagne   | <b>N2221.3 CV</b>  | 2CLA222130N1901 | 10 |
| Total White   | <b>N2221.3 BB</b>  | 2CLA222130N1201 | 10 |
| Total Anthracite  | <b>N2221.3 AA</b>  | 2CLA222130N1601 | 10 |


## Zenit - ABB i-bus® KNX


### Rockers for push switch sensors


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker cover with ON/OFF symbol - 1M</b><br>Rocker cover with ON/OFF symbol for KNX sensor/actuator.<br>Suitable for codes: RS/U 1.1 and left position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |          |
| White   | <b>N2121.5 BL</b>   | 2CLA212150N1101 | 10       |
| Silver  | <b>N2121.5 PL</b>   | 2CLA212150N1301 | 10       |
| Anthracite  | <b>N2121.5 AN</b>   | 2CLA212150N1801 | 10       |
| Champagne   | <b>N2121.5 CV</b>   | 2CLA212150N1901 | 10       |
| Total White   | <b>N2121.5 BB</b>   | 2CLA212150N1201 | 10       |
| Total Anthracite  | <b>N2121.5 AA</b>   | 2CLA212150N1601 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with ON/OFF symbol - Right - 1M</b><br>Rocker cover with ON/OFF symbol for KNX sensor/actuator.<br>Suitable for codes: right position of RS/U 2.1, RA/U1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |    |
| White   | <b>N2121.5R BL</b>   | 2CLA212152N1101 | 10 |
| Silver  | <b>N2121.5R PL</b>   | 2CLA212152N1301 | 10 |
| Anthracite  | <b>N2121.5R AN</b>   | 2CLA212152N1801 | 10 |
| Champagne   | <b>N2121.5R CV</b>   | 2CLA212152N1901 | 10 |
| Total White   | <b>N2121.5R BB</b>   | 2CLA212152N1201 | 10 |
| Total Anthracite  | <b>N2121.5R AA</b>   | 2CLA212152N1601 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with ON/OFF symbol - 2M</b><br>Rocker cover with ON/OFF symbol for KNX sensor/actuator.<br>Suitable for codes: RB/U 1.1. | <b>NEW</b>      |    |
| White   | <b>N2221.5 BL</b>  | 2CLA222150N1101 | 10 |
| Silver  | <b>N2221.5 PL</b>  | 2CLA222150N1301 | 10 |
| Anthracite  | <b>N2221.5 AN</b>  | 2CLA222150N1801 | 10 |
| Champagne   | <b>N2221.5 CV</b>  | 2CLA222150N1901 | 10 |
| Total White   | <b>N2221.5 BB</b>  | 2CLA222150N1201 | 10 |
| Total Anthracite  | <b>N2221.5 AA</b>  | 2CLA222150N1601 | 10 |

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker cover with dimmer symbol - 1M</b><br>Rocker cover with dimmer symbol for KNX sensor/actuator.<br>Suitable for codes: RS/U 1.1 and left position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |          |
| White   | <b>N2121.8 BL</b>   | 2CLA212180N1101 | 10       |
| Silver  | <b>N2121.8 PL</b>   | 2CLA212180N1301 | 10       |
| Anthracite  | <b>N2121.8 AN</b>   | 2CLA212180N1801 | 10       |
| Champagne   | <b>N2121.8 CV</b>   | 2CLA212180N1901 | 10       |
| Total White   | <b>N2121.8 BB</b>   | 2CLA212180N1201 | 10       |
| Total Anthracite  | <b>N2121.8 AA</b>   | 2CLA212180N1601 | 10       |




|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with dimmer symbol - Right - 1M</b><br>Rocker cover with dimmer symbol for KNX sensor/actuator.<br>Suitable for codes: right position of RS/U 2.1, RA/U1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |    |
| White   | <b>N2121.8R BL</b>   | 2CLA212182N1101 | 10 |
| Silver  | <b>N2121.8R PL</b>   | 2CLA212182N1301 | 10 |
| Anthracite  | <b>N2121.8R AN</b>   | 2CLA212182N1801 | 10 |
| Champagne   | <b>N2121.8R CV</b>   | 2CLA212182N1901 | 10 |
| Total White   | <b>N2121.8R BB</b>   | 2CLA212182N1201 | 10 |
| Total Anthracite  | <b>N2121.8R AA</b>   | 2CLA212182N1601 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Rocker cover with dimmer symbol - 2M</b><br>Rocker cover with dimmer symbol for KNX sensor/actuator.<br>Suitable for codes: RB/U 1.1. | <b>NEW</b>      |    |
| White   | <b>N2221.8 BL</b>  | 2CLA222180N1101 | 10 |
| Silver  | <b>N2221.8 PL</b>  | 2CLA222180N1301 | 10 |
| Anthracite  | <b>N2221.8 AN</b>  | 2CLA222180N1801 | 10 |
| Champagne   | <b>N2221.8 CV</b>  | 2CLA222180N1901 | 10 |
| Total White   | <b>N2221.8 BB</b>  | 2CLA222180N1201 | 10 |
| Total Anthracite  | <b>N2221.8 AA</b>  | 2CLA222180N1601 | 10 |






## Zenit - ABB i-bus® KNX

### Rockers for push switch sensors

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Rocker cover with scene symbol - 1M</b><br>Rocker cover with scene symbol for KNX sensor/actuator.<br>Suitable for codes: RS/U 1.1 and left position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |          |
| White   | <b>N2121.9 BL</b>   | 2CLA212190N1101 | 10       |
| Silver  | <b>N2121.9 PL</b>   | 2CLA212190N1301 | 10       |
| Anthracite  | <b>N2121.9 AN</b>   | 2CLA212190N1801 | 10       |
| Champagne   | <b>N2121.9 CV</b>   | 2CLA212190N1901 | 10       |
| Total White   | <b>N2121.9 BB</b>   | 2CLA212190N1201 | 10       |
| Total Anthracite  | <b>N2121.9 AA</b>   | 2CLA212190N1601 | 10       |
|    | <b>Rocker cover with scene symbol - Right - 1M</b><br>Rocker cover with scene symbol for KNX sensor/actuator.<br>Suitable for codes: right position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1.     | <b>NEW</b>      |          |
| White   | <b>N2121.9R BL</b>  | 2CLA212192N1101 | 10       |
| Silver  | <b>N2121.9R PL</b>  | 2CLA212192N1301 | 10       |
| Anthracite  | <b>N2121.9R AN</b>  | 2CLA212192N1801 | 10       |
| Champagne   | <b>N2121.9R CV</b>  | 2CLA212192N1901 | 10       |
| Total White   | <b>N2121.9R BB</b>  | 2CLA212192N1201 | 10       |
| Total Anthracite  | <b>N2121.9R AA</b>  | 2CLA212192N1601 | 10       |
|  | <b>Rocker cover with scene symbol - 2M</b><br>Rocker cover with scene symbol for KNX sensor/actuator.<br>Suitable for codes: RB/U 1.1.  | <b>NEW</b>      |          |
| White   | <b>N2221.9 BL</b>   | 2CLA222190N1101 | 10       |
| Silver  | <b>N2221.9 PL</b>   | 2CLA222190N1301 | 10       |
| Anthracite  | <b>N2221.9 AN</b>   | 2CLA222190N1801 | 10       |
| Champagne   | <b>N2221.9 CV</b>   | 2CLA222190N1901 | 10       |
| Total White   | <b>N2221.9 BB</b>   | 2CLA222190N1201 | 10       |
| Total Anthracite  | <b>N2221.9 AA</b>   | 2CLA222190N1601 | 10       |

### Customized rockers

| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Rocker cover with custom symbol - 1M</b><br>Rocker cover with custom symbol for KNX sensor/actuator.<br>Symbol size: 5,6 x 5,6 mm.<br>Suitable for codes: RS/U 1.1 and left position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1. | <b>NEW</b>      |          |
| White   | <b>N2121.01 BL</b>  | 2CLA212101N1101 | 10       |
| Silver  | <b>N2121.01 PL</b>  | 2CLA212101N1301 | 10       |
| Anthracite  | <b>N2121.01 AN</b>  | 2CLA212101N1801 | 10       |
| Champagne   | <b>N2121.01 CV</b>  | 2CLA212101N1901 | 10       |
| Total White   | <b>N2121.01 BB</b>  | 2CLA212101N1201 | 10       |
| Total Anthracite  | <b>N2121.01 AA</b>  | 2CLA212101N1601 | 10       |
|    | <b>Rocker cover with custom symbol - Right - 1M</b><br>Rocker cover with custom symbol for KNX sensor/actuator.<br>Symbol size: 5,6 x 5,6 mm.<br>Suitable for codes: right position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1.     | <b>NEW</b>      |          |
| White   | <b>N2121.02 BL</b>  | 2CLA212102N1101 | 10       |
| Silver  | <b>N2121.02 PL</b>  | 2CLA212102N1301 | 10       |
| Anthracite  | <b>N2121.02 AN</b>  | 2CLA212102N1801 | 10       |
| Champagne   | <b>N2121.02 CV</b>  | 2CLA212102N1901 | 10       |
| Total White   | <b>N2121.02 BB</b>  | 2CLA212102N1201 | 10       |
| Total Anthracite  | <b>N2121.02 AA</b>  | 2CLA212102N1601 | 10       |
|  | <b>Rocker cover with custom symbol - 2M</b><br>Rocker cover with custom symbol for KNX sensor/actuator.<br>Symbol size: 5,6 x 5,6 mm<br>Suitable for codes: RB/U 1.1.   | <b>NEW</b>      |          |
| White   | <b>N2221.01 BL</b>  | 2CLA222101N1101 | 10       |
| Silver  | <b>N2221.01 PL</b>  | 2CLA222101N1301 | 10       |
| Anthracite  | <b>N2221.01 AN</b>  | 2CLA222101N1801 | 10       |
| Champagne   | <b>N2221.01 CV</b>  | 2CLA222101N1901 | 10       |
| Total White   | <b>N2221.01 BB</b>  | 2CLA222101N1201 | 10       |
| Total Anthracite  | <b>N2221.01 AA</b>  | 2CLA222101N1601 | 10       |

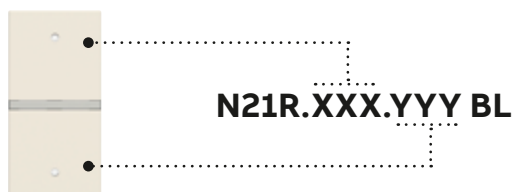
## Zenit - ABB i-bus® KNX

### ID number definition

Customized rockers for RS/U 1.1 and left position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1:



Customized rockers for right position of RS/U 2.1, RA/U 1.16.1 and RA/U/ 2.8.1:



Customized rockers for right position of RS/U 1.1:



To define the ID Number of the customized rocker:

- 1) Substitute XXX by 3-digit Symbol Number of the icon to print at the upper side of the rocker
- 2) Substitute YYY by 3-digit Symbol Number of the icon to print at the lower side of the rocker

### Symbols

| Symbol | Symbol-No.                  | Symbol | Symbol-No.                  | Symbol | Symbol-No.                |
|--------|-----------------------------|--------|-----------------------------|--------|---------------------------|
|        | 000<br>No symbol            |        | 019<br>Jalousie mid         |        | 038<br>Eco plane          |
|        | 001<br>Light on             |        | 020<br>Jalousie closed      |        | 039<br>Fan                |
|        | 002<br>Light off            |        | 021<br>Hang open            |        | 040<br>Heat protection    |
|        | 003<br>Light on detail      |        | 022<br>Hang mid             |        | 041<br>Scene line         |
|        | 004<br>Lamp plane           |        | 023<br>Hang closed          |        | 042<br>Scene plane        |
|        | 005<br>Lamp line            |        | 024<br>Blind open           |        | 043<br>Sequence           |
|        | 006<br>Lamp ceiling plane   |        | 025<br>Blind mid            |        | 044<br>Scene day          |
|        | 007<br>Lamp wall plane      |        | 026<br>Blind closed         |        | 045<br>Night plane        |
|        | 008<br>Lamp floor plane     |        | 027<br>Curtain open         |        | 046<br>Scene night        |
|        | 009<br>Dim                  |        | 028<br>Curtain closed       |        | 047<br>Party              |
|        | 010<br>Light dimmed         |        | 029<br>Heating              |        | 048<br>Dinner plane       |
|        | 011<br>Light increase       |        | 030<br>Cooling              |        | 049<br>Eat                |
|        | 012<br>Light decrease       |        | 031<br>Antifreeze           |        | 050<br>Absence line       |
|        | 013<br>Light incr./decrease |        | 032<br>Temperature increase |        | 051<br>Presence home      |
|        | 014<br>Spotlight            |        | 033<br>Temperature decrease |        | 052<br>Reading            |
|        | 015<br>Spotlight plane      |        | 034<br>Temperature control  |        | 053<br>TV                 |
|        | 016<br>Door                 |        | 035<br>Temperature c        |        | 054<br>Make Up Room (MUR) |
|        | 017<br>Window               |        | 036<br>Temperature f        |        | 055<br>Conference         |
|        | 017<br>Jalousie open        |        | 037<br>Eco                  |        | 056<br>Presentation       |





## Zenit - ABB i-bus® KNX

### Symbols






| Symbol | Symbol-No.                  | Symbol | Symbol-No.                 | Symbol | Symbol-No.              | Symbol | Symbol-No.               | Symbol | Symbol-No.          | Symbol     | Symbol-No.            |
|--------|-----------------------------|--------|----------------------------|--------|-------------------------|--------|--------------------------|--------|---------------------|------------|-----------------------|
|        | 057<br>Emergency call       |        | 076<br>On                  |        | 095<br>First aid        |        | 114<br>Skip forward      |        | 133<br>Left         |            | 152<br>Charge phone   |
|        | 058<br>Exterior lighting    |        | 077<br>Off                 |        | 096<br>Defibrillator    |        | 115<br>Speaker           |        | 134<br>Up filled    |            | 153<br>Charge bike    |
|        | 059<br>Bowling              |        | 078<br>Cardreader          |        | 097<br>Doctor           |        | 116<br>Speaker off       |        | 135<br>Down filled  |            | 154<br>Charge station |
|        | 060<br>Swimming             |        | 079<br>Bathroom            |        | 098<br>Pharmacy RX      |        | 117<br>Channel           |        | 136<br>Right filled |            | 155<br>Square         |
|        | 061<br>Reception            |        | 080<br>Laundry             |        | 099<br>Pharmacy Germany |        | 118<br>Stepwise increase |        | 137<br>Left filled  | <b>ON</b>  | 156<br>On             |
|        | 062<br>Showroom             |        | 081<br>Shave               |        | 100<br>Mail             |        | 119<br>Stepwise decrease |        | 138<br>Up line      | <b>OFF</b> | 157<br>Off            |
|        | 063<br>Relax                |        | 082<br>Coffee              |        | 101<br>Message center   |        | 120<br>Info              |        | 139<br>Down line    |            |                       |
|        | 064<br>Work                 |        | 083<br>Wellness            |        | 102<br>Call             |        | 121<br>Device on         |        | 140<br>Right line   |            |                       |
|        | 065<br>Do Not Disturb (DND) |        | 084<br>Cloakroom           |        | 103<br>Micro            |        | 122<br>Device dimmed     |        | 141<br>Left line    |            |                       |
|        | 066<br>Scene welcome        |        | 085<br>Wlan                |        | 104<br>Micro off        |        | 123<br>Device off        |        | 142<br>Up step      |            |                       |
|        | 067<br>Dishwasher           |        | 086<br>Caretaker           |        | 105<br>Intercom inside  |        | 124<br>Settings          |        | 143<br>Down step    |            |                       |
|        | 068<br>Hob                  |        | 087<br>Parking garage      |        | 106<br>Intercom outside |        | 125<br>Menu              |        | 144<br>Clock        |            |                       |
|        | 069<br>Microwave            |        | 088<br>Lift                |        | 107<br>Audio            |        | 126<br>Active            |        | 145<br>Timer        |            |                       |
|        | 070<br>Oven                 |        | 089<br>Stairs              |        | 108<br>Play             |        | 127<br>Plus              |        | 146<br>Alarm clock  |            |                       |
|        | 071<br>Washing-machine      |        | 090<br>Lavatory            |        | 109<br>Pause            |        | 128<br>Minus             |        | 147<br>Bell off     |            |                       |
|        | 072<br>Open plane           |        | 091<br>Lavatory men        |        | 110<br>Stop             |        | 129<br>Language          |        | 148<br>Bell         |            |                       |
|        | 073<br>Outlet line          |        | 092<br>Lavatory ladies     |        | 111<br>Backwards        |        | 130<br>Up                |        | 149<br>Snapshot     |            |                       |
|        | 074<br>Camera extern        |        | 093<br>Baby change         |        | 112<br>Forward          |        | 131<br>Down              |        | 150<br>Guard        |            |                       |
|        | 075<br>On off               |        | 094<br>Disabled facilities |        | 113<br>Skip back        |        | 132<br>Right             |        | 151<br>Charge car   |            |                       |

## Zenit - ABB i-bus® KNX

### Push-button sensors


| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>KNX sensor - 1/2-gang - 2M</b><br/>Push button function: switching / dimming / blind / sending values / scenes etc.<br/>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br/>The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, scene and fan-coil.<br/>Control element: Switch contacts.<br/>Display elements: LED to indicate the function.<br/>To be installed with N2221.2 cover plates.</p>                    | <b>6125/98-509</b> | 2CKA006115A0444 | 1        |
|  <p><b>KNX sensor - 2/4-gang - 2M</b><br/>Push button function: switching / dimming / blind / sending values / scenes etc.<br/>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br/>The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, scene and fan-coil.<br/>Control element: Switch contacts.<br/>Display elements: LED to indicate the function.<br/>To be installed with N2221.4 cover plates.</p>                    | <b>6126/98-509</b> | 2CKA006116A0219 | 1        |
|  <p><b>KNX sensor - 3/6-gang - 2M</b><br/>Push button function: switching / dimming / blind / sending values / scenes etc.<br/>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br/>The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, scene and fan-coil.<br/>Control element: Switch contacts.<br/>Display elements: LED to indicate the function.<br/>To be installed with N2221.6 cover plates.</p>                  | <b>6129/96-509</b> | 2CKA006118A0105 | 1        |
|  <p><b>KNX sensor - 3/6-gang with IR receiver - 2M</b><br/>Push button function: switching / dimming / blind / sending values / scenes etc.<br/>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br/>The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, scene and fan-coil.<br/>Control element: Switch contacts.<br/>Display elements: LED to indicate the function.<br/>To be installed with N2221.7 cover plates.</p> | <b>6129/96-509</b> | 2CKA006118A0108 | 1        |


### Covers for sensors

| Color   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Cover plate - KNX 1/2-gang sensors - 2M</b><br/>Cover plate for KNX sensors 1/2-gang code: 6125/98-509.</p>   | <b>N2221.2 BL</b>  | 2CLA222120N1101 | 1        |
| White   | <b>N2221.2 PL</b>  | 2CLA222120N1301 | 1        |
| Silver  | <b>N2221.2 AN</b>  | 2CLA222120N1801 | 1        |
| Anthracite  | <b>N2221.2 CV</b>  | 2CLA222120N190  | 1        |
| Champagne   |                    |                 |          |
|  <p><b>Cover plate - KNX 2/4-gang sensors - 2M</b><br/>Cover plate for KNX sensors 2/4-gang code: 6126/98-509.</p>   | <b>N2221.4 BL</b>  | 2CLA222140N1101 | 1        |
| White   | <b>N2221.4 PL</b>  | 2CLA222140N1301 | 1        |
| Silver  | <b>N2221.4 AN</b>  | 2CLA222140N1801 | 1        |
| Anthracite  | <b>N2221.4 CV</b>  | 2CLA222140N1901 | 1        |
| Champagne   |                    |                 |          |
|  <p><b>Cover plate - KNX 3-gang sensors - 2M</b><br/>Cover plate for KNX sensors 3/6-gang code: 6129/96-509.</p>   | <b>N2221.6 BL</b>  | 2CLA222160N1101 | 1        |
| White   | <b>N2221.6 PL</b>  | 2CLA222170N1301 | 1        |
| Silver  | <b>N2221.6 AN</b>  | 2CLA222170N1801 | 1        |
| Anthracite  | <b>N2221.6 CV</b>  | 2CLA222170N1901 | 1        |
| Champagne   |                    |                 |          |
|  <p><b>Cover plate - KNX 3-gang sensors - 2M</b><br/>Cover plate for KNX sensors 3/6-gang code: 6129/96-509.</p>   | <b>N2221.7 BL</b>  | 2CLA222170N1101 | 1        |
| White   | <b>N2221.7 PL</b>  | 2CKA006123A0001 | 1        |
| Silver  | <b>N2221.7 AN</b>  | 2CLA222160N1801 | 1        |
| Anthracite  | <b>N2221.7 CV</b>  | 2CLA222160N1901 | 1        |
| Champagne   |                    |                 |          |
|  <p><b>KNX button with symbol</b><br/><b>Button with ABB i-bus® KNX symbol for sensor's cover plates code: N2221.2, N2221.4, N2221.6 and N2221.7.</b><br/><b>Color: gray</b></p> |                    |                 |          |
| Light   | <b>6123/20-500</b> | 2CKA006123A0001 | 1        |
| Blind   | <b>6123/21-500</b> | 2CKA006123A0002 | 1        |
| Scene   | <b>6123/22-500</b> | 2CKA006123A0003 | 1        |
| RTC   | <b>6123/23-500</b> | 2CKA006123A0004 | 1        |
| Lamp  | <b>6123/24-500</b> | 2CKA006123A0005 | 1        |
| Fan-coil  | <b>6123/26-500</b> | 2CKA006123A0006 | 1        |


## Zenit - ABB i-bus® KNX

### Room temperature controller

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>KNX room temperature controller - 2M</b><br>For triggering the heating, ventilation and fan-coil actuators. Thermostat for fan-coil units in 2 and 4 pipe systems and conventional heating or cooling systems. Fan stage can be switched manually or in automatic mode. Switch contacts for operating mode selection and dial for setpoint or fan speed adjustment. Display elements: LCD showing operation modes. To be installed with N2240.4 cover plates. |                 |          |
|   | <b>6124/98-509</b>   | 2CKA006134A0297 | 1        |


|   |   |  |  |
|---|---|--|--|
|  | <b>Cover plate - KNX RTC - 2M</b><br>Cover plate for KNX RTC sensors code: 6124/98-509. |  |  |
|---|---|--|--|


|            |                   |                 |   |
|------------|-------------------|-----------------|---|
| White      | <b>N2240.4 BL</b> | 2CLA224040N1101 | 1 |
| Silver     | <b>N2240.4 PL</b> | 2CLA224040N1301 | 1 |
| Anthracite | <b>N2240.4 AN</b> | 2CLA224040N1801 | 1 |
| Champagne  | <b>N2240.4 CV</b> | 2CLA224040N1901 | 1 |

|   |  |  |            |
|---|--|--|------------|
|  | <b>KNX thermostat - 2M</b><br>Standard KNX thermostat equipped with backlight LCD display 4 push buttons on the front for the following functionalities (Operating mode switching, Fan-coil speed manual switching, set-point manual increment/decrement). Possibility to choose different type of control: 2-point ON/OFF, PWM, Continue, Fan-coil<br>Cover plate included. |  |            |
|   |  |  | <b>NEW</b> |

|            |                    |                 |   |
|------------|--------------------|-----------------|---|
| White      | <b>RT/U 1.1.ZW</b> | 2CSY244280R1202 | 1 |
| Silver     | <b>RT/U 1.1.ZS</b> | 2CSY242280R1202 | 1 |
| Anthracite | <b>RT/U 1.1.ZA</b> | 2CSY249370R1202 | 1 |
| Champagne  | <b>RT/U 1.1.ZC</b> | 2CSY247370R1202 | 1 |

### Motion sensor

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>KNX 180° motion sensor - 2M</b><br>Movement detector with up to 4 channels. Detection range: frontal: 6 m, lateral: 6 m. Brightness limit value: 5 - 150 lux. Detection angle: 180 °<br>Wall mounted. Mounting height: 1.1 m.<br>To be installed with N2241.4 cover plates. |                 |          |
|   | <b>6122/98-509</b>   | 2CKA006132A0307 | 1        |

|   |   |  |  |
|---|---|--|--|
|  | <b>Cover plate - KNX RTC - 2M</b><br>Cover plate for KNX RTC sensors code: 6124/98-509. |  |  |
|---|---|--|--|

|            |                   |                 |   |
|------------|-------------------|-----------------|---|
| White      | <b>N2241.4 BL</b> | 2CLA224140N1101 | 1 |
| Silver     | <b>N2241.4 PL</b> | 2CLA224140N1301 | 1 |
| Anthracite | <b>N2241.4 AN</b> | 2CLA224140N1801 | 1 |
| Champagne  | <b>N2241.4 CV</b> | 2CLA224140N1901 | 1 |

## Zenit - ABB i-bus® KNX

### Transponder holder

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### KNX transponder holder - 2M

**NEW**

The "transponder holder" is a flush-mounting device for British Standard wall boxes, designed to realize access control systems with a communication support based on KNX bus. It is equipped with one relay (4A @24V AC/DC) and one binary input to be used for connecting external conventional push-button for switch, dimmer and shutter functionalities, or for example for connecting window contact or similar. The output can be programmed as "Linked to access control", receiving in this case switching commands from the device itself (according to card insertion/removal); or being a standard KNX Switch actuator output, able to be controlled by every KNX-standard devices. The white blinking LED placed on the front of the device allow you to monitor device operation and can be also switched ON/OFF in the proper color according to KNX. The transponder reader requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure. Cover plate included.

|            |                    |                 |   |
|------------|--------------------|-----------------|---|
| White      | <b>TH/U 1.1.ZW</b> | 2CSY244340R5200 | 1 |
| Silver     | <b>TH/U 1.1.ZS</b> | 2CSY242070R5200 | 1 |
| Anthracite | <b>TH/U 1.1.ZA</b> | 2CSY249430R5200 | 1 |
| Champagne  | <b>TH/U 1.1.ZC</b> | 2CSY247160R5200 | 1 |

### Transponder reader

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### KNX transponder reader - 2M

**NEW**

The "transponder reader" is a flush-mounting device for British Standard wall boxes, designed to realize access control systems with a communication support based on KNX bus. It is equipped with one relay (4A @24 V AC/DC) and one input to be used for connecting external conventional card-holder (e.g. Zenit wiring accessories card-holder). The output can be programmed in three different ways: "Linked to access control", receiving in this case switching commands from the device itself (according to transponder card validation); being a standard KNX Switch actuator output, able to be controlled by every KNXstandard devices; "linked to card-holder", that means that the relay is switched according to closing/opening internal input contact available on transponder reader. The bicolor (red-green) LED placed on the front of the device allow you to monitor device operation and can be also switched ON/OFF in the proper color according to KNX telegram (for example for DND/MUR purposes). The transponder reader can be configured with ABB control software in order to behave as transponder programming device. The transponder reader requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure. Cover plate included.

|            |                    |                 |   |
|------------|--------------------|-----------------|---|
| White      | <b>TR/U 1.1.ZW</b> | 2CSY244410R5000 | 1 |
| Silver     | <b>TR/U 1.1.ZS</b> | 2CSY242210R5000 | 1 |
| Anthracite | <b>TR/U 1.1.ZA</b> | 2CSY249500R5000 | 1 |
| Champagne  | <b>TR/U 1.1.ZC</b> | 2CSY247300R5000 | 1 |



## Zenit Float

Frames for European square and round boxes

01



7,5 mm height.  
Visually  
lightened  
through the 2  
piece floating  
effect.

02



03



01 Side view, 7,5 × 85 mm (8 × 90 mm for noble materials)

1 to 5-gang cover frame suitable for horizontal and vertical installation

02 Frame 1-gang, 1 module

03 Frame 1-gang, 2 modules

04 Frame 2-gang, 2 + 2 modules

05 Frame 3-gang, 2 + 2 + 2 modules horizontal

06 Frame 3-gang, 2 + 2 + 2 modules vertical

07 Frame 4-gang, 2 + 2 + 2 + 2 modules

08 Frame 5-gang, 2 + 2 + 2 + 2 + 2 modules

04



05



06



07



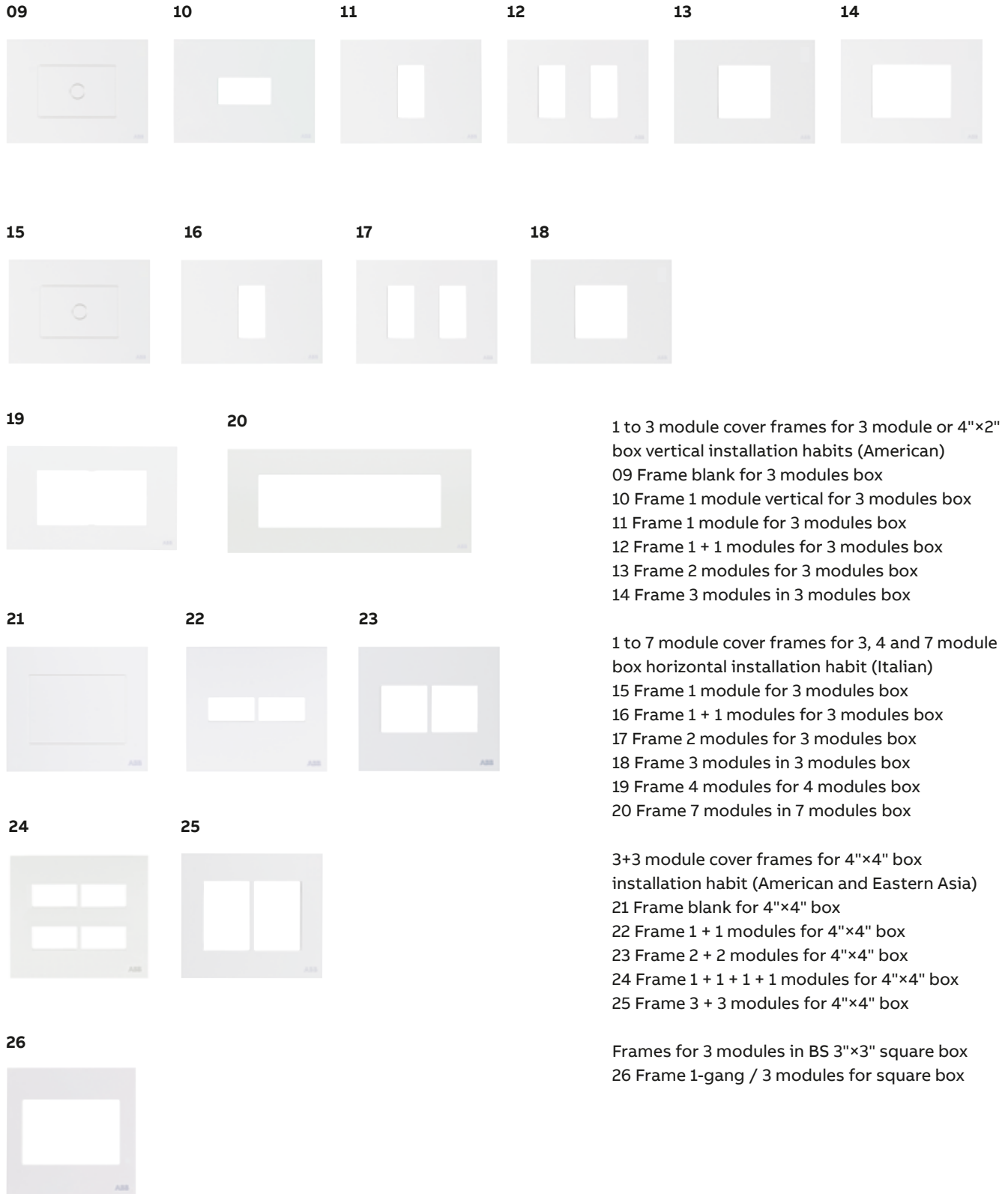
08





## Zenit Float

Frames for 3M (4"x2"), 4M, 7M, 4"x4" and BS 3"x3" boxes



1 to 3 module cover frames for 3 module or 4"x2" box vertical installation habits (American)  
 09 Frame blank for 3 modules box  
 10 Frame 1 module vertical for 3 modules box  
 11 Frame 1 module for 3 modules box  
 12 Frame 1 + 1 modules for 3 modules box  
 13 Frame 2 modules for 3 modules box  
 14 Frame 3 modules in 3 modules box

1 to 7 module cover frames for 3, 4 and 7 module box horizontal installation habit (Italian)  
 15 Frame 1 module for 3 modules box  
 16 Frame 1 + 1 modules for 3 modules box  
 17 Frame 2 modules for 3 modules box  
 18 Frame 3 modules in 3 modules box  
 19 Frame 4 modules for 4 modules box  
 20 Frame 7 modules in 7 modules box

3+3 module cover frames for 4"x4" box installation habit (American and Eastern Asia)  
 21 Frame blank for 4"x4" box  
 22 Frame 1 + 1 modules for 4"x4" box  
 23 Frame 2 + 2 modules for 4"x4" box  
 24 Frame 1 + 1 + 1 + 1 modules for 4"x4" box  
 25 Frame 3 + 3 modules for 4"x4" box

Frames for 3 modules in BS 3"x3" square box  
 26 Frame 1-gang / 3 modules for square box

# Zenit Float

Frames for European square and round boxes

**BL - White**



**CB - White Glass**



**CC - Coffee Glass**



**PZ - Slate**



**PL - Silver**



**CN - Black Glass**



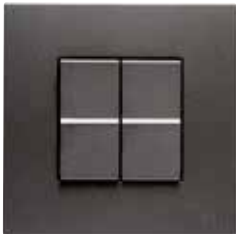
**CF - Graphite Glass**



**OX - Stainless Steel**



**AN - Anthracite**



**CP - Pearl Glass**



**CH - Champagne Glass**



**WG - Wenge**



**CV - Champagne**



Logo placement in horizontal and vertical installations

**Niessen logo - Horizontal**

**Niessen logo - Vertical**

**ABB logo - Horizontal**

**ABB logo - Vertical**



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**Zenit Float**

Frames for 3M (4"x2"), 4M, 7M, 4"x4" and 4"x4" boxes

**BL - White**



**CB - White Glass**



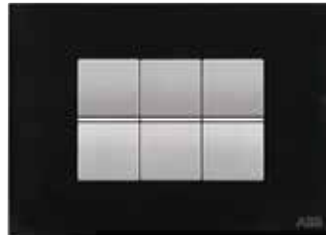
**CF - Graphite Glass**



**PL - Silver**



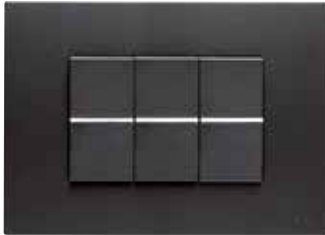
**CN - Black Glass**



**CH - Champagne Glass**



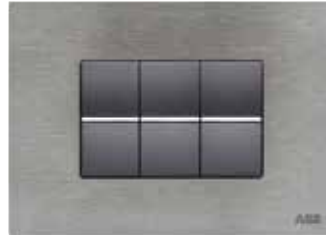
**AN - Anthracite**



**CP - Pearl Glass**



**OX - Stainless Steel**



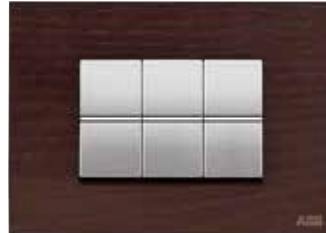
**CV - Champagne**



**CC - Coffee Glass**



**WG - Wenge**



**PZ - Slate**



## Zenit Float - Niessen logo

Frames for European square and round boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames 1 to 5-gang - Polycarbonate

Material: polycarbonate

Size (height x width):

- 1-gang: 85 x 85 mm.
- 2-gang: 85 x 156 mm.
- 3-gang: 85 x 227 mm.
- 4-gang: 85 x 298 mm.
- 5-gang: 85 x 369 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

### White

|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 1         | <b>N2171 BL</b> | 2CLA217100N1101 | 20 |
| 1-gang | 2         | <b>N2271 BL</b> | 2CLA227100N1101 | 20 |
| 2-gang | 2+2       | <b>N2272 BL</b> | 2CLA227200N1101 | 10 |
| 3-gang | 2+2+2     | <b>N2273 BL</b> | 2CLA227300N1101 | 5  |
| 4-gang | 2+2+2+2   | <b>N2274 BL</b> | 2CLA227400N1101 | 5  |
| 5-gang | 2+2+2+2+2 | <b>N2275 BL</b> | 2CLA227500N1101 | 5  |

### Silver

|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 1         | <b>N2171 PL</b> | 2CLA217100N1301 | 20 |
| 1-gang | 2         | <b>N2271 PL</b> | 2CLA227100N1301 | 20 |
| 2-gang | 2+2       | <b>N2272 PL</b> | 2CLA227200N1301 | 10 |
| 3-gang | 2+2+2     | <b>N2273 PL</b> | 2CLA227300N1301 | 5  |
| 4-gang | 2+2+2+2   | <b>N2274 PL</b> | 2CLA227400N1301 | 5  |
| 5-gang | 2+2+2+2+2 | <b>N2275 PL</b> | 2CLA227500N1301 | 5  |

### Anthracite

|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 1         | <b>N2171 AN</b> | 2CLA217100N1801 | 20 |
| 1-gang | 2         | <b>N2271 AN</b> | 2CLA227100N1801 | 20 |
| 2-gang | 2+2       | <b>N2272 AN</b> | 2CLA227200N1801 | 10 |
| 3-gang | 2+2+2     | <b>N2273 AN</b> | 2CLA227300N1801 | 5  |
| 4-gang | 2+2+2+2   | <b>N2274 AN</b> | 2CLA227400N1801 | 5  |
| 5-gang | 2+2+2+2+2 | <b>N2275 AN</b> | 2CLA227500N1801 | 5  |

### Champagne

|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 1         | <b>N2171 CV</b> | 2CLA217100N1901 | 20 |
| 1-gang | 2         | <b>N2271 CV</b> | 2CLA227100N1901 | 20 |
| 2-gang | 2+2       | <b>N2272 CV</b> | 2CLA227200N1901 | 10 |
| 3-gang | 2+2+2     | <b>N2273 CV</b> | 2CLA227300N1901 | 5  |
| 4-gang | 2+2+2+2   | <b>N2274 CV</b> | 2CLA227400N1901 | 5  |
| 5-gang | 2+2+2+2+2 | <b>N2275 CV</b> | 2CLA227500N1901 | 5  |

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames 1 to 4-gang - Noble - Glass

Material: 4mm thickness glass

Size (height x width):

- 1-gang: 90 x 90 mm.
- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

### White Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CB</b> | 2CLA227100N3001 | 1 |
| 2-gang | 2+2     | <b>N2272 CB</b> | 2CLA227200N3001 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CB</b> | 2CLA227300N3001 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CB</b> | 2CLA227400N3001 | 1 |

### Black Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CN</b> | 2CLA227100N3101 | 1 |
| 2-gang | 2+2     | <b>N2272 CN</b> | 2CLA227200N3101 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CN</b> | 2CLA227300N3101 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CN</b> | 2CLA227400N3101 | 1 |

### Pearl Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CP</b> | 2CLA227100N3501 | 1 |
| 2-gang | 2+2     | <b>N2272 CP</b> | 2CLA227200N3501 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CP</b> | 2CLA227300N3501 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CP</b> | 2CLA227400N3501 | 1 |

### Coffee Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CC</b> | 2CLA227100N3701 | 1 |
| 2-gang | 2+2     | <b>N2272 CC</b> | 2CLA227200N3701 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CC</b> | 2CLA227300N3701 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CC</b> | 2CLA227400N3701 | 1 |

### Graphite Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CF</b> | 2CLA227100N3801 | 1 |
| 2-gang | 2+2     | <b>N2272 CF</b> | 2CLA227200N3801 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CF</b> | 2CLA227300N3801 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CF</b> | 2CLA227400N3801 | 1 |

### Champagne Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CH</b> | 2CLA227100N3901 | 1 |
| 2-gang | 2+2     | <b>N2272 CH</b> | 2CLA227200N3901 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CH</b> | 2CLA227300N3901 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CH</b> | 2CLA227400N3901 | 1 |

## Zenit Float - Niessen logo

Frames for square and round European boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames 1 to 4-gang - Noble - Slate

Material: slate

Size (height x width):

- 1-gang: 90 x 90 mm.

- 2-gang: 90 x 161 mm.

- 3-gang: 90 x 232 mm.

- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

#### Slate

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 PZ</b> | 2CLA227100N2201 | 1 |
| 2-gang | 2+2     | <b>N2272 PZ</b> | 2CLA227200N2201 | 1 |
| 3-gang | 2+2+2   | <b>N2273 PZ</b> | 2CLA227300N2201 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 PZ</b> | 2CLA227400N2201 | 1 |



### Frames 1 to 4-gang - Noble - Stainless Steel

Material: stainless steel

Size (height x width):

- 1-gang: 90 x 90 mm.

- 2-gang: 90 x 161 mm.

- 3-gang: 90 x 232 mm.

- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

#### Stainless Steel

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 OX</b> | 2CLA227100N4001 | 1 |
| 2-gang | 2+2     | <b>N2272 OX</b> | 2CLA227200N4001 | 1 |
| 3-gang | 2+2+2   | <b>N2273 OX</b> | 2CLA227300N4001 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 OX</b> | 2CLA227400N4001 | 1 |



### Frames 1 to 4-gang - Noble - Wenge

Material: wood

Size (height x width):

- 1-gang: 90 x 90 mm.

- 2-gang: 90 x 161 mm.

- 3-gang: 90 x 232 mm.

- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

#### Wenge

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 WG</b> | 2CLA227100N2101 | 1 |
| 2-gang | 2+2     | <b>N2272 WG</b> | 2CLA227200N2101 | 1 |
| 3-gang | 2+2+2   | <b>N2273 WG</b> | 2CLA227300N2101 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 WG</b> | 2CLA227400N2101 | 1 |

## Zenit Float - Niessen logo

Frames for rectangular 3M (4"x2"), 4M and 7M boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames - 3, 4 and 7 modules - Polycarbonate

Material: polycarbonate

Size (height x width):

- 3M: 117 x 85 mm.

- 4M: 139 x 85 mm.

- 7M: 205 x 85 mm.

Mounting plate codes:

- For 3M box (83,5 mm screw distance): N2371.9 and N2473.9 (N2371.9 only for vertical installation with frames N2371.1 and N2372.1).

- For 4M box (107 mm screw distance): N2474.9.

- For 7M box (100 mm screw distance): N2777.9.

Mounting box codes (flush / surface mounted):

- 3M: 499.3 / N2993.

- 4M: 1499.4 / N2994.

- 7M: 1499.7 / -.

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames - 3, 4 and 7 modules - Noble - Glass

Material: 4mm thickness glass

Size (height x width):

- 3M: 122 x 90 mm.

- 4M: 142 x 90 mm.

- 7M: 208 x 90 mm.

Mounting plate codes:

- For 3M box (83,5 mm screw distance): N2371.9 and N2473.9 (N2371.9 only for vertical installation with frames N2371.1 and N2372.1).

- For 4M box (107 mm screw distance): N2474.9.

- For 7M box (100 mm screw distance): N2777.9.

Mounting box codes:

- Mounting box codes (flush / surface mounted):

- 3M: 499.3 / N2993.

- 4M: 1499.4 / N2994.

- 7M: 1499.7 / -.

Codes N2474 CP/CC/CF/CH and N2777 XX

without logo.

### White

|    |     |                   |                 |    |
|----|-----|-------------------|-----------------|----|
| 3M | 1   | <b>N2471 BL</b>   | 2CLA247100N1101 | 20 |
| 3M | 2   | <b>N2472 BL</b>   | 2CLA247200N1101 | 20 |
| 3M | 1+1 | <b>N2472.2 BL</b> | 2CLA247220N1101 | 20 |
| 3M | 3   | <b>N2473 BL</b>   | 2CLA247300N1101 | 20 |
| 4M | 4   | <b>N2474 BL</b>   | 2CLA247400N1101 | 10 |
| 7M | 7   | <b>N2777 BL</b>   | 2CLA277700N1101 | 5  |

### Silver

|    |     |                   |                 |    |
|----|-----|-------------------|-----------------|----|
| 3M | 1   | <b>N2471 PL</b>   | 2CLA247100N1301 | 20 |
| 3M | 2   | <b>N2472 PL</b>   | 2CLA247200N1301 | 20 |
| 3M | 1+1 | <b>N2472.2 PL</b> | 2CLA247220N1301 | 20 |
| 3M | 3   | <b>N2473 PL</b>   | 2CLA247300N1301 | 20 |
| 4M | 4   | <b>N2474 PL</b>   | 2CLA247400N1301 | 10 |
| 7M | 7   | <b>N2777 PL</b>   | 2CLA277700N1301 | 5  |

### Anthracite

|    |     |                   |                 |    |
|----|-----|-------------------|-----------------|----|
| 3M | 1   | <b>N2471 AN</b>   | 2CLA247100N1801 | 20 |
| 3M | 2   | <b>N2472 AN</b>   | 2CLA247200N1801 | 20 |
| 3M | 1+1 | <b>N2472.2 AN</b> | 2CLA247220N1801 | 20 |
| 3M | 3   | <b>N2473 AN</b>   | 2CLA247300N1801 | 20 |
| 4M | 4   | <b>N2474 AN</b>   | 2CLA247400N1801 | 10 |
| 7M | 7   | <b>N2777 AN</b>   | 2CLA277700N1801 | 5  |

### Champagne

|    |     |                   |                 |    |
|----|-----|-------------------|-----------------|----|
| 3M | 1   | <b>N2471 CV</b>   | 2CLA247100N1901 | 20 |
| 3M | 2   | <b>N2472 CV</b>   | 2CLA247200N1901 | 20 |
| 3M | 1+1 | <b>N2472.2 CV</b> | 2CLA247220N1901 | 20 |
| 3M | 3   | <b>N2473 CV</b>   | 2CLA247300N1901 | 20 |
| 4M | 4   | <b>N2474 CV</b>   | 2CLA247400N1901 | 10 |
| 7M | 7   | <b>N2777 CV</b>   | 2CLA277700N1901 | 5  |

### White Glass

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 2 | <b>N2472 CB</b> | 2CLA247200N3001 | 1 |
| 3M | 3 | <b>N2473 CB</b> | 2CLA247300N3001 | 1 |
| 4M | 4 | <b>N2474 CB</b> | 2CLA247400N3001 | 1 |
| 7M | 7 | <b>N2777 CB</b> | 2CLA277700N3002 | 1 |

### Black Glass

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 2 | <b>N2472 CN</b> | 2CLA247200N3101 | 1 |
| 3M | 3 | <b>N2473 CN</b> | 2CLA247300N3101 | 1 |
| 4M | 4 | <b>N2474 CN</b> | 2CLA247400N3101 | 1 |
| 7M | 7 | <b>N2777 CN</b> | 2CLA277700N3102 | 1 |

### Pearl Glass

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 3 | <b>N2473 CP</b> | 2CLA247300N3501 | 1 |
| 4M | 4 | <b>N2474 CP</b> | 2CLA247400N3502 | 1 |
| 7M | 7 | <b>N2777 CP</b> | 2CLA277700N3502 | 1 |

### Coffee Glass

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 3 | <b>N2473 CC</b> | 2CLA247300N3701 | 1 |
| 4M | 4 | <b>N2474 CC</b> | 2CLA247400N3702 | 1 |
| 7M | 7 | <b>N2777 CC</b> | 2CLA277700N3702 | 1 |

### Graphite Glass

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 3 | <b>N2473 CF</b> | 2CLA247300N3801 | 1 |
| 4M | 4 | <b>N2474 CF</b> | 2CLA247400N3802 | 1 |
| 7M | 7 | <b>N2777 CF</b> | 2CLA277700N3802 | 1 |

### Champagne Glass

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 3 | <b>N2473 CH</b> | 2CLA247300N3901 | 1 |
| 4M | 4 | <b>N2474 CH</b> | 2CLA247400N3902 | 1 |
| 7M | 7 | <b>N2777 CH</b> | 2CLA277700N3902 | 1 |

## Zenit Float - Niessen logo

Frames for rectangular 3M (4"x2"), 4M and 7M boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames - 3, 4 and 7 modules - Noble - Slate

Material: 4mm thickness slate

Size (height x width):

- 3M: 122 x 90 mm.

- 4M: 142 x 90 mm.

- 7M: 208 x 90 mm.

Mounting plate codes:

- For 3M box (83,5 mm screw distance): N2371.9 and N2473.9 (N2371.9 only for vertical installation with frames N2371.1 and N2372.1).

- For 4M box (107 mm screw distance): N2474.9.

- For 7M box (100 mm screw distance): N2777.9.

Mounting box codes (flush / surface mounted):

- 3M: 499.3 / N2993.

- 4M: 1499.4 / N2994.

- 7M: 1499.7 / -.

Code N2777 PZ without logo.

### Slate

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 2 | <b>N2472 PZ</b> | 2CLA247200N2201 | 1 |
| 3M | 3 | <b>N2473 PZ</b> | 2CLA247300N2201 | 1 |
| 4M | 4 | <b>N2474 PZ</b> | 2CLA247400N2201 | 1 |
| 7M | 7 | <b>N2777 PZ</b> | 2CLA277700N2202 | 1 |



### Frames - 3, 4 and 7 modules - Noble - Stainless Steel

Material: 4mm thickness stainless steel

Size (height x width):

- 3M: 122 x 90 mm.

- 4M: 142 x 90 mm.

- 7M: 208 x 90 mm.

Mounting plate codes:

- For 3M box (83,5 mm screw distance): N2371.9 (only frames N2371.1 and N2372.1) & N2473.9.

- For 4M box (107 mm screw distance): N2474.9.

- For 7M box (100 mm screw distance): N2777.9.

Mounting box codes (flush / surface mounted):

- 3M: 499.3 / N2993.

- 4M: 1499.4 / N2994.

- 7M: 1499.7 / -.

Code N2777 OX without logo.

### Stainless Steel

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 2 | <b>N2472 OX</b> | 2CLA247200N4001 | 1 |
| 3M | 3 | <b>N2473 OX</b> | 2CLA247300N4001 | 1 |
| 4M | 4 | <b>N2474 OX</b> | 2CLA247400N4001 | 1 |
| 7M | 7 | <b>N2777 OX</b> | 2CLA277700N4002 | 1 |



### Frames - 3, 4 and 7 modules - Noble - Wenge

Material: 4mm thickness wood

Size (height x width):

- 3M: 122 x 90 mm.

- 4M: 142 x 90 mm.

- 7M: 208 x 90 mm.

Mounting plate codes:

- For 3M box (83,5 mm screw distance): N2371.9 (only frames N2371.1 and N2372.1) & N2473.9.

- For 4M box (107 mm screw distance): N2474.9.

- For 7M box (100 mm screw distance): N2777.9.

Mounting box codes (flush / surface mounted):

- 3M: 499.3 / N2993.

- 4M: 1499.4 / N2994.

- 7M: 1499.7 / -.

Code N2777 WG without logo.

### Wenge

|    |   |                 |                 |   |
|----|---|-----------------|-----------------|---|
| 3M | 2 | <b>N2472 WG</b> | 2CLA247200N2101 | 1 |
| 3M | 3 | <b>N2473 WG</b> | 2CLA247300N2101 | 1 |
| 4M | 4 | <b>N2474 WG</b> | 2CLA247400N2101 | 1 |
| 7M | 7 | <b>N2777 WG</b> | 2CLA277700N2102 | 1 |

## Zenit Float - ABB logo

Frames for European square and round boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames 1 to 5-gang - Polycarbonate

Material: polycarbonate

Size (height x width):

- 1-gang: 85 x 85 mm.

- 2-gang: 85 x 156 mm.

- 3-gang: 85 x 227 mm.

- 4-gang: 85 x 298 mm.

- 5-gang: 85 x 369 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

### White

|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 1         | <b>N2171 BL</b> | 2CLA217100N1102 | 20 |
| 1-gang | 2         | <b>N2271 BL</b> | 2CLA227100N1102 | 20 |
| 2-gang | 2+2       | <b>N2272 BL</b> | 2CLA227200N1102 | 10 |
| 3-gang | 2+2+2     | <b>N2273 BL</b> | 2CLA227300N1102 | 5  |
| 4-gang | 2+2+2+2   | <b>N2274 BL</b> | 2CLA227400N1102 | 5  |
| 5-gang | 2+2+2+2+2 | <b>N2275 BL</b> | 2CLA227500N1102 | 5  |

### Silver

|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 1         | <b>N2171 PL</b> | 2CLA217100N1302 | 20 |
| 1-gang | 2         | <b>N2271 PL</b> | 2CLA227100N1302 | 20 |
| 2-gang | 2+2       | <b>N2272 PL</b> | 2CLA227200N1302 | 10 |
| 3-gang | 2+2+2     | <b>N2273 PL</b> | 2CLA227300N1302 | 5  |
| 4-gang | 2+2+2+2   | <b>N2274 PL</b> | 2CLA227400N1302 | 5  |
| 5-gang | 2+2+2+2+2 | <b>N2275 PL</b> | 2CLA227500N1302 | 5  |

### Anthracite

|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 1         | <b>N2171 AN</b> | 2CLA217100N1802 | 20 |
| 1-gang | 2         | <b>N2271 AN</b> | 2CLA227100N1802 | 20 |
| 2-gang | 2+2       | <b>N2272 AN</b> | 2CLA227200N1802 | 10 |
| 3-gang | 2+2+2     | <b>N2273 AN</b> | 2CLA227300N1802 | 5  |
| 4-gang | 2+2+2+2   | <b>N2274 AN</b> | 2CLA227400N1802 | 5  |
| 5-gang | 2+2+2+2+2 | <b>N2275 AN</b> | 2CLA227500N1802 | 5  |

### Champagne

|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 1         | <b>N2171 CV</b> | 2CLA217100N1902 | 20 |
| 1-gang | 2         | <b>N2271 CV</b> | 2CLA227100N1902 | 20 |
| 2-gang | 2+2       | <b>N2272 CV</b> | 2CLA227200N1902 | 10 |
| 3-gang | 2+2+2     | <b>N2273 CV</b> | 2CLA227300N1902 | 5  |
| 4-gang | 2+2+2+2   | <b>N2274 CV</b> | 2CLA227400N1902 | 5  |
| 5-gang | 2+2+2+2+2 | <b>N2275 CV</b> | 2CLA227500N1902 | 5  |

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames 1 to 4-gang - Noble - Glass

Material: 4mm thickness glass

Size (height x width):

- 1-gang: 90 x 90 mm.

- 2-gang: 90 x 161 mm.

- 3-gang: 90 x 232 mm.

- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

### White Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CB</b> | 2CLA227100N3002 | 1 |
| 2-gang | 2+2     | <b>N2272 CB</b> | 2CLA227200N3002 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CB</b> | 2CLA227300N3002 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CB</b> | 2CLA227400N3002 | 1 |

### Black Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CN</b> | 2CLA227100N3102 | 1 |
| 2-gang | 2+2     | <b>N2272 CN</b> | 2CLA227200N3102 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CN</b> | 2CLA227300N3102 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CN</b> | 2CLA227400N3102 | 1 |

### Pearl Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CP</b> | 2CLA227100N3502 | 1 |
| 2-gang | 2+2     | <b>N2272 CP</b> | 2CLA227200N3502 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CP</b> | 2CLA227300N3502 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CP</b> | 2CLA227400N3502 | 1 |

### Coffee Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CC</b> | 2CLA227100N3702 | 1 |
| 2-gang | 2+2     | <b>N2272 CC</b> | 2CLA227200N3702 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CC</b> | 2CLA227300N3702 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CC</b> | 2CLA227400N3702 | 1 |

### Graphite Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CF</b> | 2CLA227100N3802 | 1 |
| 2-gang | 2+2     | <b>N2272 CF</b> | 2CLA227200N3802 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CF</b> | 2CLA227300N3802 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CF</b> | 2CLA227400N3802 | 1 |

### Champagne Glass

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 CH</b> | 2CLA227100N3902 | 1 |
| 2-gang | 2+2     | <b>N2272 CH</b> | 2CLA227200N3902 | 1 |
| 3-gang | 2+2+2   | <b>N2273 CH</b> | 2CLA227300N3902 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 CH</b> | 2CLA227400N3902 | 1 |



## Zenit Float - ABB logo

Frames for European square and round boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Frames 1 to 4-gang - Noble - Slate

Material: 4mm thickness slate

Size (height x width):

- 1-gang: 90 x 90 mm.
- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

#### Slate

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 PZ</b> | 2CLA227100N2202 | 1 |
| 2-gang | 2+2     | <b>N2272 PZ</b> | 2CLA227200N2202 | 1 |
| 3-gang | 2+2+2   | <b>N2273 PZ</b> | 2CLA227300N2202 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 PZ</b> | 2CLA227400N2202 | 1 |



### Frames 1 to 4-gang - Noble - Stainless Steel

Material: 4mm thickness stainless steel

Size (height x width):

- 1-gang: 90 x 90 mm.
- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

#### Stainless Steel

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 OX</b> | 2CLA227100N4002 | 1 |
| 2-gang | 2+2     | <b>N2272 OX</b> | 2CLA227200N4002 | 1 |
| 3-gang | 2+2+2   | <b>N2273 OX</b> | 2CLA227300N4002 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 OX</b> | 2CLA227400N4002 | 1 |



### Frames 1 to 4-gang - Noble - Wenge

Material: 4mm thickness wood

Size (height x width):

- 1-gang: 90 x 90 mm.
- 2-gang: 90 x 161 mm.
- 3-gang: 90 x 232 mm.
- 4-gang: 90 x 303 mm.

Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.


Surface mounting boxes code: 8591, 8592 & 8593.


#### Wenge

|        |         |                 |                 |   |
|--------|---------|-----------------|-----------------|---|
| 1-gang | 2       | <b>N2271 WG</b> | 2CLA227100N2102 | 1 |
| 2-gang | 2+2     | <b>N2272 WG</b> | 2CLA227200N2102 | 1 |
| 3-gang | 2+2+2   | <b>N2273 WG</b> | 2CLA227300N2102 | 1 |
| 4-gang | 2+2+2+2 | <b>N2274 WG</b> | 2CLA227400N2102 | 1 |

## Zenit Float - ABB logo


Frames for rectangular 3M (4"x2"), 4M and 7M boxes


| Size   | Modularity | Article-No.        | Order-No.       | Pack/Qty |
|--|------------|--------------------|-----------------|----------|
|  <p><b>Frames - 3 modules - Polycarbonate</b><br/>           Material: polycarbonate<br/>           Size (height x width): 122 x 90 mm.<br/>           Mounting plate codes (83,5 mm screw distance boxes - 4" x 2"): N2371.9 and N2473.9 (N2371.9 only for vertical installation of the devices with frames N2371.1 and N2372.1).<br/>           Mounting box codes (flush / surface mounting): 499.3 / N2993.</p> |            |                    |                 |          |
| <b>White</b>   |            |                    |                 |          |
| 3M   | Blank      | <b>N2370.1 BL</b>  | 2CLA237010N1102 | 20       |
| 3M   | 1          | <b>N2371.1 BL</b>  | 2CLA237110N1102 | 20       |
| 3M   | 1 Vert.    | <b>N2371.1V BL</b> | 2CLA237190N1102 | 20       |
| 3M   | 2          | <b>N2372.1 BL</b>  | 2CLA237210N1102 | 20       |
| 3M   | 1+1        | <b>N2372.2 BL</b>  | 2CLA237220N1102 | 20       |
| 3M   | 3          | <b>N2373.1 BL</b>  | 2CLA237310N1102 | 20       |
| <b>Silver</b>  |            |                    |                 |          |
| 3M   | Blank      | <b>N2370.1 PL</b>  | 2CLA237010N1302 | 20       |
| 3M   | 1          | <b>N2371.1 PL</b>  | 2CLA237110N1302 | 20       |
| 3M   | 1 Vert.    | <b>N2371.1V PL</b> | 2CLA237190N1302 | 20       |
| 3M   | 2          | <b>N2372.1 PL</b>  | 2CLA237210N1302 | 20       |
| 3M   | 1+1        | <b>N2372.2 PL</b>  | 2CLA237220N1302 | 20       |
| 3M   | 3          | <b>N2373.1 PL</b>  | 2CLA237310N1302 | 20       |
| <b>Anthracite</b>  |            |                    |                 |          |
| 3M   | Blank      | <b>N2370.1 AN</b>  | 2CLA237010N1802 | 20       |
| 3M   | 1          | <b>N2371.1 AN</b>  | 2CLA237110N1802 | 20       |
| 3M   | 1 Vert.    | <b>N2371.1V AN</b> | 2CLA237190N1802 | 20       |
| 3M   | 2          | <b>N2372.1 AN</b>  | 2CLA237210N1802 | 20       |
| 3M   | 1+1        | <b>N2372.2 AN</b>  | 2CLA237220N1802 | 20       |
| 3M   | 3          | <b>N2373.1 AN</b>  | 2CLA237310N1802 | 20       |
| <b>Champagne</b>   |            |                    |                 |          |
| 3M   | Blank      | <b>N2370.1 CV</b>  | 2CLA237010N1902 | 20       |
| 3M   | 1          | <b>N2371.1 CV</b>  | 2CLA237110N1902 | 20       |
| 3M   | 1 Vert.    | <b>N2371.1V CV</b> | 2CLA237190N1902 | 20       |
| 3M   | 2          | <b>N2372.1 CV</b>  | 2CLA237210N1902 | 20       |
| 3M   | 1+1        | <b>N2372.2 CV</b>  | 2CLA237220N1902 | 20       |
| 3M   | 3          | <b>N2373.1 CV</b>  | 2CLA237310N1902 | 20       |


| Size   | Modularity | Article-No.       | Order-No.       | Pack/Qty      |
|--|------------|-------------------|-----------------|---------------|
|  <p><b>Frames - 3, 4 and 7 modules - Polycarbonate</b><br/>           Material: polycarbonate<br/>           Size (width x height):<br/>           - 3M: 117 x 85 mm.<br/>           - 4M: 139 x 85 mm.<br/>           - 7M: 205 x 85 mm.<br/>           Mounting plate codes:<br/>           - For 3M box (83,5 mm screw distance): N2473.9.<br/>           - For 4M box (107 mm screw distance): N2474.9.<br/>           - For 7M box (100 mm screw distance): N2777.9.<br/>           Mounting box codes (flush / surface mounting):<br/>           - 3M: 499.3 / N2993.<br/>           - 4M: 1499.4 / N2994.<br/>           - 7M: 1499.7 / -.</p> |            |                   |                 |               |
| <b>White</b>   |            |                   |                 |               |
| 3M   | 1          | <b>N2371 BL</b>   | 2CLA237100N1102 | 20 <b>NEW</b> |
| 3M   | 2          | <b>N2372 BL</b>   | 2CLA237200N1102 | 20 <b>NEW</b> |
| 3M   | 1+1        | <b>N2372.3 BL</b> | 2CLA237230N1102 | 20 <b>NEW</b> |
| 3M   | 3          | <b>N2373 BL</b>   | 2CLA237300N1102 | 20 <b>NEW</b> |
| 4M   | 4          | <b>N2374.1 BL</b> | 2CLA237410N1102 | 10            |
| 7M   | 7          | <b>N2777.1 BL</b> | 2CLA277710N1102 | 5             |
| <b>Silver</b>  |            |                   |                 |               |
| 3M   | 1          | <b>N2371 PL</b>   | 2CLA237100N1302 | 20 <b>NEW</b> |
| 3M   | 2          | <b>N2372 PL</b>   | 2CLA237200N1302 | 20 <b>NEW</b> |
| 3M   | 1+1        | <b>N2372.3 PL</b> | 2CLA237230N1302 | 20 <b>NEW</b> |
| 3M   | 3          | <b>N2373 PL</b>   | 2CLA237300N1302 | 20 <b>NEW</b> |
| 4M   | 4          | <b>N2374.1 PL</b> | 2CLA237410N1302 | 10            |
| 7M   | 7          | <b>N2777.1 PL</b> | 2CLA277710N1302 | 5             |
| <b>Anthracite</b>  |            |                   |                 |               |
| 3M   | 1          | <b>N2371 AN</b>   | 2CLA237100N1802 | 20 <b>NEW</b> |
| 3M   | 2          | <b>N2372 AN</b>   | 2CLA237200N1802 | 20 <b>NEW</b> |
| 3M   | 1+1        | <b>N2372.3 AN</b> | 2CLA237230N1802 | 20 <b>NEW</b> |
| 3M   | 3          | <b>N2373 AN</b>   | 2CLA237300N1802 | 20 <b>NEW</b> |
| 4M   | 4          | <b>N2374.1 AN</b> | 2CLA237410N1802 | 10            |
| 7M   | 7          | <b>N2777.1 AN</b> | 2CLA277710N1802 | 5             |
| <b>Champagne</b>   |            |                   |                 |               |
| 3M   | 1          | <b>N2371 CV</b>   | 2CLA237100N1902 | 20 <b>NEW</b> |
| 3M   | 2          | <b>N2372 CV</b>   | 2CLA237200N1902 | 20 <b>NEW</b> |
| 3M   | 1+1        | <b>N2372.3 CV</b> | 2CLA237230N1902 | 20 <b>NEW</b> |
| 3M   | 3          | <b>N2373 CV</b>   | 2CLA237300N1902 | 20 <b>NEW</b> |
| 4M   | 4          | <b>N2374.1 CV</b> | 2CLA237410N1902 | 10            |
| 7M   | 7          | <b>N2777.1 CV</b> | 2CLA277710N1902 | 5             |


## Zenit Float - ABB logo

Frames for rectangular 3M (4"x2"), 4M and 7M boxes

| Size  | Modularity | Article-No.       | Order-No.       | Pack/Qty |
|---|------------|-------------------|-----------------|----------|
|  <p><b>Frames - 3, 4 and 7 modules - Noble - Glass</b><br/> Material: 4mm thickness glass<br/> Size (width x height):<br/> - 3M: 122 x 90 mm.<br/> - 4M: 142 x 90 mm.<br/> - 7M: 208 x 90 mm.<br/> Mounting plate codes:<br/> - For 3M box (83,5 mm screw distance): N2371.9 and N2473.9 (N2371.9 only for vertical installation with frames N2371.1 and N2372.1).<br/> - For 4M box (107 mm screw distance): N2474.9.<br/> - For 7M box (100 mm screw distance): N2777.9.<br/> Mounting box codes:<br/> - 3M flush mounting: 499.3 / Surface mounting N2993.<br/> - 4M flush mounting: 1499.4 / Surface mounting N2994.<br/> - 7M flush mounting: 1499.7.<br/> Codes N2474 CP/CC/CF/CH and N2777 XX without logo.<br/> Mounting box codes (flush / surface mounting):<br/> - 3M: 499.3 / N2993.<br/> - 4M: 1499.4 / N2994.<br/> - 7M: 1499.7 / -.</p> |            |                   |                 |          |
| <b>White Glass</b>  |            |                   |                 |          |
| 3M  | 2          | <b>N2372.1 CB</b> | 2CLA237200N3002 | 1        |
| 3M  | 3          | <b>N2373.1 CB</b> | 2CLA237300N3002 | 1        |
| 4M  | 4          | <b>N2374.1 CB</b> | 2CLA237400N3002 | 1        |
| 7M  | 7          | <b>N2777 CB</b>   | 2CLA277700N3002 | 1        |
| <b>Black Glass</b>  |            |                   |                 |          |
| 3M  | 2          | <b>N2372.1 CN</b> | 2CLA237200N3102 | 1        |
| 3M  | 3          | <b>N2373.1 CN</b> | 2CLA237300N3102 | 1        |
| 4M  | 4          | <b>N2374.1 CN</b> | 2CLA237400N3102 | 1        |
| 7M  | 7          | <b>N2777 CN</b>   | 2CLA277700N3102 | 1        |
| <b>Pearl Glass</b>  |            |                   |                 |          |
| 3M  | 3          | <b>N2373.1 CP</b> | 2CLA237300N3502 | 1        |
| 4M  | 4          | <b>N2474 CP</b>   | 2CLA247400N3502 | 1        |
| 7M  | 7          | <b>N2777 CP</b>   | 2CLA277700N3502 | 1        |
| <b>Coffee Glass</b>   |            |                   |                 |          |
| 3M  | 3          | <b>N2373.1 CC</b> | 2CLA237300N3702 | 1        |
| 4M  | 4          | <b>N2474 CC</b>   | 2CLA247400N3702 | 1        |
| 7M  | 7          | <b>N2777 CC</b>   | 2CLA277700N3702 | 1        |
| <b>Graphite Glass</b>   |            |                   |                 |          |
| 3M  | 3          | <b>N2373.1 CF</b> | 2CLA237300N3802 | 1        |
| 4M  | 4          | <b>N2474 CF</b>   | 2CLA247400N3802 | 1        |
| 7M  | 7          | <b>N2777 CF</b>   | 2CLA277700N3802 | 1        |
| <b>Champagne Glass</b>  |            |                   |                 |          |
| 3M  | 3          | <b>N2373.1 CH</b> | 2CLA237300N3902 | 1        |
| 4M  | 4          | <b>N2474 CH</b>   | 2CLA247400N3902 | 1        |
| 7M  | 7          | <b>N2777 CH</b>   | 2CLA277700N3902 | 1        |

| Size   | Modularity | Article-No.       | Order-No.       | Pack/Qty |
|--|------------|-------------------|-----------------|----------|
|  <p><b>Frames - 3, 4 and 7 modules - Noble - Slate</b><br/> Material: 4mm thickness slate<br/> Size (width x height):<br/> - 3M: 122 x 90 mm.<br/> - 4M: 142 x 90 mm.<br/> - 7M: 208 x 90 mm.<br/> Mounting plate codes:<br/> - For 3M box (83,5 mm screw distance): N2371.9 and N2473.9 (N2371.9 only for vertical installation with frames N2371.1 and N2372.1).<br/> - For 4M box (107 mm screw distance): N2474.9.<br/> - For 7M box (100 mm screw distance): N2777.9.<br/> Mounting box codes (flush / surface mounted):<br/> - 3M: 499.3 / N2993.<br/> - 4M: 1499.4 / N2994.<br/> - 7M: 1499.7 / -.</p> |            |                   |                 |          |
| <b>Slate</b>   |            |                   |                 |          |
| 3M   | 2          | <b>N2372.1 PZ</b> | 2CLA237200N2202 | 1        |
| 3M   | 3          | <b>N2373.1 PZ</b> | 2CLA237300N2202 | 1        |
| 4M   | 4          | <b>N2374.1 PZ</b> | 2CLA237400N2202 | 1        |
| 7M   | 7          | <b>N2777 PZ</b>   | 2CLA277700N2202 | 1        |

|   |   |                   |                 |   |
|---|---|-------------------|-----------------|---|
|  <p><b>Frames - 3, 4 and 7 modules - Noble - Stainless Steel</b><br/> Material: 4mm thickness stainless steel<br/> Size (width x height):<br/> - 3M: 122 x 90 mm.<br/> - 4M: 142 x 90 mm.<br/> - 7M: 208 x 90 mm.<br/> Mounting plate codes:<br/> - For 3M box (83,5 mm screw distance): N2371.9 (only frames N2371.1 and N2372.1) &amp; N2473.9.<br/> - For 4M box (107 mm screw distance): N2474.9.<br/> - For 7M box (100 mm screw distance): N2777.9.<br/> Mounting box codes (flush / surface mounted):<br/> - 3M: 499.3 / N2993.<br/> - 4M: 1499.4 / N2994.<br/> - 7M: 1499.7 / -.</p> |   |                   |                 |   |
| <b>Stainless Steel</b>  |   |                   |                 |   |
| 3M  | 2 | <b>N2372.1 OX</b> | 2CLA237200N4002 | 1 |
| 3M  | 3 | <b>N2373.1 OX</b> | 2CLA237300N4002 | 1 |
| 4M  | 4 | <b>N2374.1 OX</b> | 2CLA237400N4002 | 1 |
| 7M  | 7 | <b>N2777 OX</b>   | 2CLA277700N4002 | 1 |

|   |   |                   |                 |   |
|---|---|-------------------|-----------------|---|
|  <p><b>Frames - 3, 4 and 7 modules - Noble - Wenge</b><br/> Material: 4mm thickness wood<br/> Size (width x height):<br/> - 3M: 122 x 90 mm.<br/> - 4M: 142 x 90 mm.<br/> - 7M: 208 x 90 mm.<br/> Mounting plate codes:<br/> - For 3M box (83,5 mm screw distance): N2371.9 and N2473.9 (N2371.9 only for vertical installation with frames N2371.1 and N2372.1).<br/> - For 4M box (107 mm screw distance): N2474.9.<br/> - For 7M box (100 mm screw distance): N2777.9.<br/> Mounting box codes (flush / surface mounted):<br/> - 3M: 499.3 / N2993.<br/> - 4M: 1499.4 / N2994.<br/> - 7M: 1499.7 / -.</p> |   |                   |                 |   |
| <b>Wenge</b>  |   |                   |                 |   |
| 3M  | 2 | <b>N2372.1 WG</b> | 2CLA237210N2102 | 1 |
| 3M  | 3 | <b>N2373.1 WG</b> | 2CLA237310N2102 | 1 |
| 4M  | 4 | <b>N2374.1 WG</b> | 2CLA237410N2102 | 1 |
| 7M  | 7 | <b>N2777 WG</b>   | 2CLA277700N2102 | 1 |

## Zenit Float - ABB logo

Frames for 4"x4" boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



**Frames - 3+3 modules - Polycarbonate**  
Material: polycarbonate  
Size (height x width): 122 x 138 mm.  
Mounting plate code suitable for 4" x 4" boxes:  
N2673.9.

### White

|       |         |                   |                 |   |
|-------|---------|-------------------|-----------------|---|
| 4"x4" | Blank   | <b>N2670 BL</b>   | 2CLA267000N1102 | 5 |
| 4"x4" | 1+1     | <b>N2671.1 BL</b> | 2CLA267110N1102 | 5 |
| 4"x4" | 2+2     | <b>N2672.2 BL</b> | 2CLA267220N1102 | 5 |
| 4"x4" | 1+1+1+1 | <b>N2672.4 BL</b> | 2CLA267240N1102 | 5 |
| 4"x4" | 3+3     | <b>N2673.6 BL</b> | 2CLA267360N1102 | 5 |

### Silver

|       |         |                   |                 |   |
|-------|---------|-------------------|-----------------|---|
| 4"x4" | Blank   | <b>N2670 PL</b>   | 2CLA267000N1302 | 5 |
| 4"x4" | 1+1     | <b>N2671.1 PL</b> | 2CLA267110N1302 | 5 |
| 4"x4" | 2+2     | <b>N2672.2 PL</b> | 2CLA267220N1302 | 5 |
| 4"x4" | 1+1+1+1 | <b>N2672.4 PL</b> | 2CLA267240N1302 | 5 |
| 4"x4" | 3+3     | <b>N2673.6 PL</b> | 2CLA267360N1302 | 5 |

### Anthracite

|       |         |                   |                 |   |
|-------|---------|-------------------|-----------------|---|
| 4"x4" | Blank   | <b>N2670 AN</b>   | 2CLA267000N1802 | 5 |
| 4"x4" | 1+1     | <b>N2671.1 AN</b> | 2CLA267110N1802 | 5 |
| 4"x4" | 2+2     | <b>N2672.2 AN</b> | 2CLA267220N1802 | 5 |
| 4"x4" | 1+1+1+1 | <b>N2672.4 AN</b> | 2CLA267240N1802 | 5 |
| 4"x4" | 3+3     | <b>N2673.6 AN</b> | 2CLA267360N1802 | 5 |

### Champagne

|       |         |                   |                 |   |
|-------|---------|-------------------|-----------------|---|
| 4"x4" | Blank   | <b>N2670 CV</b>   | 2CLA267000N1902 | 5 |
| 4"x4" | 1+1     | <b>N2671.1 CV</b> | 2CLA267110N1902 | 5 |
| 4"x4" | 2+2     | <b>N2672.2 CV</b> | 2CLA267220N1902 | 5 |
| 4"x4" | 1+1+1+1 | <b>N2672.4 CV</b> | 2CLA267240N1902 | 5 |
| 4"x4" | 3+3     | <b>N2673.6 CV</b> | 2CLA267360N1902 | 5 |

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



**Frames - 3+3 modules - Noble - Glass**  
Material: 4mm thickness glass  
Size (height x width): 122 x 138 mm.  
Mounting plate code suitable for 4" x 4" boxes:  
N2673.9.

### White Glass

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 CB</b> | 2CLA267360N3002 | 2 |
|-------|-----|-------------------|-----------------|---|

### Black Glass

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 CN</b> | 2CLA267360N3102 | 2 |
|-------|-----|-------------------|-----------------|---|

### Pearl Glass

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 CP</b> | 2CLA267360N3502 | 2 |
|-------|-----|-------------------|-----------------|---|

### Coffee Glass

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 CC</b> | 2CLA267360N3702 | 2 |
|-------|-----|-------------------|-----------------|---|

### Graphite Glass

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 CF</b> | 2CLA267360N3802 | 2 |
|-------|-----|-------------------|-----------------|---|

### Champagne Glass

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 CH</b> | 2CLA267360N3902 | 2 |
|-------|-----|-------------------|-----------------|---|



**Frames - 3+3 modules - Noble - Slate**  
Material: 4mm thickness slate  
Size (height x width): 122 x 138 mm.  
Mounting plate code suitable for 4" x 4" boxes:  
N2673.9.

### Slate

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 PZ</b> | 2CLA267360N2202 | 2 |
|-------|-----|-------------------|-----------------|---|



**Frames - 3+3 modules - Noble - Stainless Steel**  
Material: 4mm thickness stainless steel  
Size (height x width): 122 x 138 mm.  
Mounting plate code suitable for 4" x 4" boxes:  
N2673.9.

### Stainless Steel

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 OX</b> | 2CLA267360N4002 | 2 |
|-------|-----|-------------------|-----------------|---|




**Frames - 3+3 modules - Noble - Wenge**  
Material: 4mm thickness wood  
Size (height x width): 122 x 138 mm.  
Mounting plate code suitable for 4" x 4" boxes:  
N2673.9.

### Wenge

|       |     |                   |                 |   |
|-------|-----|-------------------|-----------------|---|
| 4"x4" | 3+3 | <b>N2673.6 WG</b> | 2CLA267360N2102 | 5 |
|-------|-----|-------------------|-----------------|---|

## Zenit Float - ABB logo

Frames for BS 3"x3" boxes

| Size  | Modularity | Article-No.     | Order-No.       | Pack/Qty |
|---|------------|-----------------|-----------------|----------|
|  <p><b>Frames - 3 modules - polycarbonate</b><br/>           Material: polycarbonate.<br/>           Size (height x width): 90 x 90 mm.<br/>           Mounting plate code suitable for 60,3 mm screw distance<br/>           BS 3"x3" boxes: N2573.9.<br/>           Flush mounting boxes code: 1099.</p> |            |                 |                 |          |
| <b>White</b>  |            |                 |                 |          |
| 3"x3"   | 3          | <b>N2573 BL</b> | 2CLA257300N1102 | 20       |
| <b>Silver</b>   |            |                 |                 |          |
| 3"x3"   | 3          | <b>N2573 PL</b> | 2CLA257300N1302 | 20       |
| <b>Anthracite</b>   |            |                 |                 |          |
| 3"x3"   | 3          | <b>N2573 AN</b> | 2CLA257300N1802 | 20       |
| <b>Champagne</b>  |            |                 |                 |          |
| 3"x3"   | 3          | <b>N2573 CV</b> | 2CLA257300N1902 | 20       |

## Zenit Solid

Frames for European square and round boxes

01



**7,5 mm height.**  
Compact and firm profile. Solid effect with own personality.

02



03



04



05



07



01 Side view, 7,5 × 85 mm

1 to 4-gang cover frame suitable for horizontal and vertical installation

02 Frame 1-gang, 1 module

03 Frame 1-gang, 2 modules

04 Frame 2-gang, 2 + 2 modules

05 Frame 3-gang, 2 + 2 + 2 modules horizontal

06 Frame 3-gang, 2 + 2 + 2 modules vertical

07 Frame 4-gang, 2 + 2 + 2 + 2 modules

1 to 3 module cover frames for 3 module or 4"x2" box vertical installation habits (American)

08 Frame 1 module for 3 modules box

09 Frame 1 + 1 modules for 3 modules box

10 Frame 2 modules for 3 modules box

11 Frame 3 modules in 3 modules box

1 to 3 module cover frames for 3 module box horizontal installation habit (Italian)

12 Frame 1 module for 3 modules box

13 Frame 1 + 1 modules for 3 modules box

14 Frame 2 modules for 3 modules box

15 Frame 3 modules in 3 modules box

06



Frames for rectangular 3M/4"x2" boxes

08



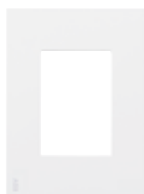
09



10



11



12



13



14



15



## Zenit Solid

Frames for European square and round boxes

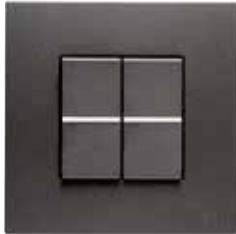
**BL - White**



**PL - Silver**



**AN - Anthracite**



**CV - Champagne**



Frames for rectangular 3M/4"x2" boxes

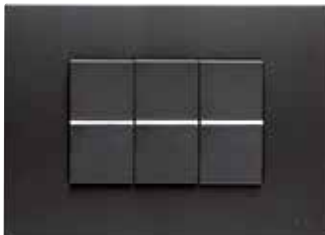
**BL - White**



**PL - Silver**



**AN - Anthracite**



**CV - Champagne**



Logo placement in horizontal and vertical installations

**Niessen Logo - Horizontal**



**Niessen Logo - Vertical**



**ABB Logo - Horizontal**



**ABB Logo - Vertical**



## Zenit Solid - Niessen logo

### Frames for European boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



#### Frames 1 to 5-gang - Polycarbonate

Material: polycarbonate

Size (height x width):

- 1-gang: 85 x 85 mm.

- 2-gang: 85 x 156 mm.

- 3-gang: 85 x 227 mm.

- 4-gang: 85 x 298 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

#### White

|        |         |                   |                 |    |
|--------|---------|-------------------|-----------------|----|
| 1-gang | 1       | <b>N2171.1 BL</b> | 2CLA217110N1101 | 20 |
| 1-gang | 2       | <b>N2271.1 BL</b> | 2CLA227110N1101 | 20 |
| 2-gang | 2+2     | <b>N2272.1 BL</b> | 2CLA227210N1101 | 10 |
| 3-gang | 2+2+2   | <b>N2273.1 BL</b> | 2CLA227310N1101 | 5  |
| 4-gang | 2+2+2+2 | <b>N2274.1 BL</b> | 2CLA227410N1101 | 5  |

#### Silver

|        |         |                   |                 |    |
|--------|---------|-------------------|-----------------|----|
| 1-gang | 1       | <b>N2171.1 PL</b> | 2CLA217110N1301 | 20 |
| 1-gang | 2       | <b>N2271.1 PL</b> | 2CLA227110N1301 | 20 |
| 2-gang | 2+2     | <b>N2272.1 PL</b> | 2CLA227210N1301 | 10 |
| 3-gang | 2+2+2   | <b>N2273.1 PL</b> | 2CLA227310N1301 | 5  |
| 4-gang | 2+2+2+2 | <b>N2274.1 PL</b> | 2CLA227410N1301 | 5  |

#### Anthracite

|        |         |                   |                 |    |
|--------|---------|-------------------|-----------------|----|
| 1-gang | 1       | <b>N2171.1 AN</b> | 2CLA217110N1801 | 20 |
| 1-gang | 2       | <b>N2271.1 AN</b> | 2CLA227110N1801 | 20 |
| 2-gang | 2+2     | <b>N2272.1 AN</b> | 2CLA227210N1801 | 10 |
| 3-gang | 2+2+2   | <b>N2273.1 AN</b> | 2CLA227310N1801 | 5  |
| 4-gang | 2+2+2+2 | <b>N2274.1 AN</b> | 2CLA227410N1801 | 5  |

#### Champagne

|        |         |                   |                 |    |
|--------|---------|-------------------|-----------------|----|
| 1-gang | 1       | <b>N2171.1 CV</b> | 2CLA217110N1901 | 20 |
| 1-gang | 2       | <b>N2271.1 CV</b> | 2CLA227110N1901 | 20 |
| 2-gang | 2+2     | <b>N2272.1 CV</b> | 2CLA227210N1901 | 10 |
| 3-gang | 2+2+2   | <b>N2273.1 CV</b> | 2CLA227310N1901 | 5  |
| 4-gang | 2+2+2+2 | <b>N2274.1 CV</b> | 2CLA227410N1901 | 5  |

### Frames for rectangular 3M (4"x2") boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



#### Frames - 3 modules - Polycarbonate

Material: polycarbonate

Size (height x width): 117 x 85 mm.

Mounting plate code for 3M box (83,5 mm screw distance): N2371.9 and N2473.9 (N2371.9 only for vertical installation with frames N2371.1 and N2372.1).

Mounting box codes:

- Flush mounting: 499.3

- Surface mounting N2993.

#### White

|    |     |                   |                 |    |
|----|-----|-------------------|-----------------|----|
| 3M | 1   | <b>N2471.1 BL</b> | 2CLA247110N1101 | 20 |
| 3M | 2   | <b>N2472.1 BL</b> | 2CLA247210N1101 | 20 |
| 3M | 1+1 | <b>N2472.3 BL</b> | 2CLA247230N1101 | 20 |
| 3M | 3   | <b>N2473.1 BL</b> | 2CLA247310N1101 | 20 |

#### Silver

|    |     |                   |                  |    |
|----|-----|-------------------|------------------|----|
| 3M | 1   | <b>N2471.1 PL</b> | 2CLA247110N1301  | 20 |
| 3M | 2   | <b>N2472.1 PL</b> | 2CLA2472010N1301 | 20 |
| 3M | 1+1 | <b>N2472.3 PL</b> | 2CLA247230N1301  | 20 |
| 3M | 3   | <b>N2473.1 PL</b> | 2CLA247310N1301  | 20 |

#### Anthracite

|    |     |                   |                 |    |
|----|-----|-------------------|-----------------|----|
| 3M | 1   | <b>N2471.1 AN</b> | 2CLA247110N1801 | 20 |
| 3M | 2   | <b>N2472.1 AN</b> | 2CLA247210N1801 | 20 |
| 3M | 1+1 | <b>N2472.3 AN</b> | 2CLA247230N1801 | 20 |
| 3M | 3   | <b>N2473.1 AN</b> | 2CLA247310N1801 | 20 |

#### Champagne

|    |     |                   |                 |    |
|----|-----|-------------------|-----------------|----|
| 3M | 1   | <b>N2471.1 CV</b> | 2CLA247110N1901 | 20 |
| 3M | 2   | <b>N2472.1 CV</b> | 2CLA247210N1901 | 20 |
| 3M | 1+1 | <b>N2472.3 CV</b> | 2CLA247230N1901 | 20 |
| 3M | 3   | <b>N2473.1 CV</b> | 2CLA247310N1901 | 20 |



## Zenit Solid - ABB logo

### Frames for European boxes

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



#### Frames 1 to 5-gang - Polycarbonate

Material: polycarbonate

Size (height x width):

- 1-gang: 85 x 85 mm.

- 2-gang: 85 x 156 mm.

- 3-gang: 85 x 227 mm.

- 4-gang: 85 x 298 mm.

Mounting grid code suitable for 60 mm screw distance boxes: N2271.9, N2271.9G, N2272.9 and N2273.9 (N2272.9 and N2273.9 only for horizontal installation).

Flush mounting boxes code: 1099, 1999 & 1999.2.

Surface mounting boxes code: 8591, 8592 & 8593.

#### White

|        |         |                   |                 |    |
|--------|---------|-------------------|-----------------|----|
| 1-gang | 1       | <b>N2171.1 BL</b> | 2CLA217110N1102 | 20 |
| 1-gang | 2       | <b>N2271.1 BL</b> | 2CLA227110N1102 | 20 |
| 2-gang | 2+2     | <b>N2272.1 BL</b> | 2CLA227210N1102 | 10 |
| 3-gang | 2+2+2   | <b>N2273.1 BL</b> | 2CLA227310N1102 | 5  |
| 4-gang | 2+2+2+2 | <b>N2274.1 BL</b> | 2CLA227410N1102 | 5  |

#### Silver

|        |         |                   |                 |    |
|--------|---------|-------------------|-----------------|----|
| 1-gang | 1       | <b>N2171.1 PL</b> | 2CLA217110N1302 | 20 |
| 1-gang | 2       | <b>N2271.1 PL</b> | 2CLA227110N1302 | 20 |
| 2-gang | 2+2     | <b>N2272.1 PL</b> | 2CLA227210N1302 | 10 |
| 3-gang | 2+2+2   | <b>N2273.1 PL</b> | 2CLA227310N1302 | 5  |
| 4-gang | 2+2+2+2 | <b>N2274.1 PL</b> | 2CLA227410N1302 | 5  |

#### Anthracite

|        |         |                   |                 |    |
|--------|---------|-------------------|-----------------|----|
| 1-gang | 1       | <b>N2171.1 AN</b> | 2CLA217110N1802 | 20 |
| 1-gang | 2       | <b>N2271.1 AN</b> | 2CLA227110N1802 | 20 |
| 2-gang | 2+2     | <b>N2272.1 AN</b> | 2CLA227210N1802 | 10 |
| 3-gang | 2+2+2   | <b>N2273.1 AN</b> | 2CLA227310N1802 | 5  |
| 4-gang | 2+2+2+2 | <b>N2274.1 AN</b> | 2CLA227410N1802 | 5  |

#### Champagne

|        |         |                   |                 |    |
|--------|---------|-------------------|-----------------|----|
| 1-gang | 1       | <b>N2171.1 CV</b> | 2CLA217110N1902 | 20 |
| 1-gang | 2       | <b>N2271.1 CV</b> | 2CLA227110N1902 | 20 |
| 2-gang | 2+2     | <b>N2272.1 CV</b> | 2CLA227210N1902 | 10 |
| 3-gang | 2+2+2   | <b>N2273.1 CV</b> | 2CLA227310N1902 | 5  |
| 4-gang | 2+2+2+2 | <b>N2274.1 CV</b> | 2CLA227410N1902 | 5  |

## Zenit Soul

### Frames

01



**4,1 mm height.**  
The essential frame with a ultra-light profile, being one of the slimmest frames in the market.

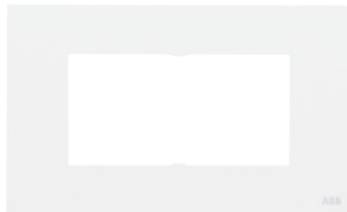
02



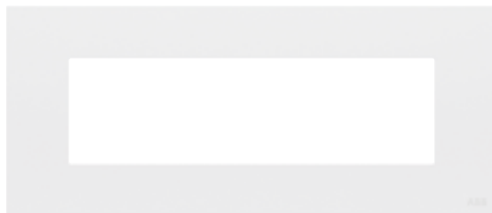
03



04



05



06



01 Side view, 4,1 x 85 mm

1-gang cover frame suitable for European square and round boxes:

02 Frame 1-gang, 2 modules

3 to 7 module cover frames for 3, 4 and 7 module boxes horizontal installation habit (Italian)

03 Frame 3 modules for 3 modules box

04 Frame 4 modules for 4 modules box

05 Frame 7 modules for 7 modules box

3 module cover frames for 3 module or 4"x2" box vertical installation habits (American)

06 Frame 3 modules in 3 modules box

# Zenit Soul

Frames for rectangular boxes

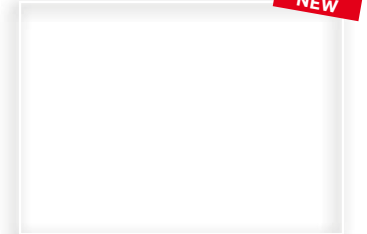
BL - White



CB - White Glass



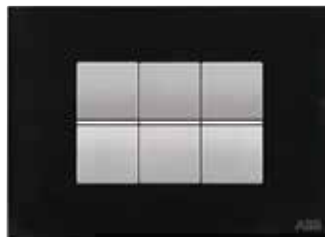
DN - Dune



PL - Silver



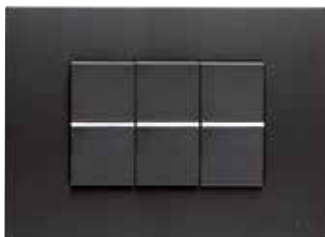
CN - Black Glass



OX - Subtle Stainless Steel



AN - Anthracite



NS - Silk Black



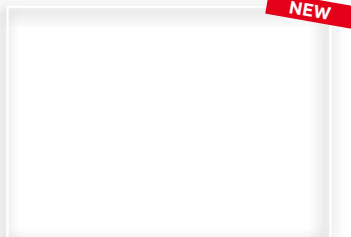
MO - Mocha



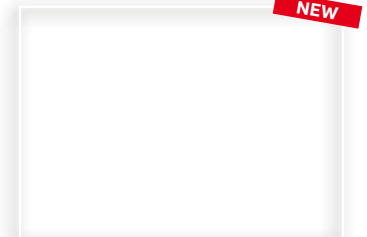
CV - Champagne



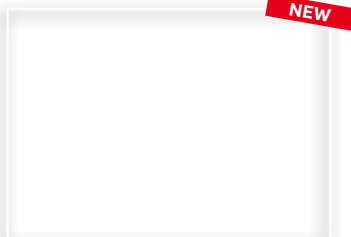
OM - Matt Gold



TP - Taupe



CM - Commodore



## Zenit Soul - ABB logo

### Frames

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



#### Frames - 2, 3, 4 and 7 modules - Polycarbonate

Material: polycarbonate

Size (width x height):

- 2M: 85 x 85 mm.

- 3M: 117 x 85 mm.

- 4M: 139 x 85 mm.

- 7M: 205 x 85 mm.

Mounting plate codes:

- For 2M box (60 mm screw distance): Z2271.91.

- For 3M box (83,5 mm screw distance): Z2373.91.

- For 4M box (107 mm screw distance): Z2474.91.

- For 7M box (100 mm screw distance): Z2777.91.

Mounting box codes (flush / surface mounting):

- 2M: 1099, 1999 / 8591.

- 3M: 499.3 / N2993.

- 4M: 1499.4 / N2994.

- 7M: 1499.7 / -.

#### White

|    |   |                   |                 |    |
|----|---|-------------------|-----------------|----|
| 2M | 2 | <b>Z2271.1 BL</b> | 2CLA227110Z1101 | 20 |
| 3M | 3 | <b>Z2373.1 BL</b> | 2CLA237310Z1101 | 20 |
| 4M | 4 | <b>Z2474.1 BL</b> | 2CLA247410Z1101 | 10 |
| 7M | 7 | <b>Z2777.1 BL</b> | 2CLA277710Z1101 | 5  |

#### Silver

|    |   |                   |                 |    |
|----|---|-------------------|-----------------|----|
| 2M | 2 | <b>Z2271.1 BL</b> | 2CLA227110Z1301 | 20 |
| 3M | 3 | <b>Z2373.1 BL</b> | 2CLA237310Z1301 | 20 |
| 4M | 4 | <b>Z2474.1 BL</b> | 2CLA247410Z1301 | 10 |
| 7M | 7 | <b>Z2777.1 BL</b> | 2CLA277710Z1301 | 5  |

#### Anthracite

|    |   |                   |                 |    |
|----|---|-------------------|-----------------|----|
| 2M | 2 | <b>Z2271.1 BL</b> | 2CLA227110Z1801 | 20 |
| 3M | 3 | <b>Z2373.1 BL</b> | 2CLA237310Z1801 | 20 |
| 4M | 4 | <b>Z2474.1 BL</b> | 2CLA247410Z1801 | 10 |
| 7M | 7 | <b>Z2777.1 BL</b> | 2CLA277710Z1801 | 5  |

#### Champagne

|    |   |                   |                 |    |
|----|---|-------------------|-----------------|----|
| 2M | 2 | <b>Z2271.1 BL</b> | 2CLA227110Z1901 | 20 |
| 3M | 3 | <b>Z2373.1 BL</b> | 2CLA237310Z1901 | 20 |
| 4M | 4 | <b>Z2474.1 BL</b> | 2CLA247410Z1901 | 10 |
| 7M | 7 | <b>Z2777.1 BL</b> | 2CLA277710Z1901 | 5  |

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



#### Frames - 2, 3, 4 and 7 modules - Noble - Glass

Material: 1,1mm thickness glass

Size (width x height):

- 2M: 85 x 85 mm.

- 3M: 117 x 85 mm.

- 4M: 139 x 85 mm.

- 7M: 205 x 85 mm.

Mounting plate codes:

- For 2M box (60 mm screw distance): Z2271.91.

- For 3M box (83,5 mm screw distance): Z2373.91.

- For 4M box (107 mm screw distance): Z2474.91.

- For 7M box (100 mm screw distance): Z2777.91.

Mounting box codes (flush / surface mounting):

- 2M: 1099, 1999 / 8591.

- 3M: 499.3 / N2993.

- 4M: 1499.4 / N2994.

- 7M: 1499.7 / -.

#### White Glass

|    |   |                   |                 |   |
|----|---|-------------------|-----------------|---|
| 2M | 2 | <b>Z2271.1 CB</b> | 2CLA227110Z3001 | 1 |
| 3M | 3 | <b>Z2373.1CB</b>  | 2CLA237310Z3001 | 1 |
| 4M | 4 | <b>Z2474.1 CB</b> | 2CLA247410Z3001 | 1 |
| 7M | 7 | <b>Z2777.1 CB</b> | 2CLA277710Z3001 | 1 |

#### Black Glass

|    |   |                   |                 |   |
|----|---|-------------------|-----------------|---|
| 2M | 2 | <b>Z2271.1 CN</b> | 2CLA227110Z3101 | 1 |
| 3M | 3 | <b>Z2373.1 CN</b> | 2CLA237310Z3101 | 1 |
| 4M | 4 | <b>Z2474.1 CN</b> | 2CLA247410Z3101 | 1 |
| 7M | 7 | <b>Z2777.1 CN</b> | 2CLA277710Z3101 | 1 |















## Zenit Soul - ABB logo

### Frames

| Size  | Modularity | Article-No.       | Order-No.       | Pack/Qty |
|---|------------|-------------------|-----------------|----------|
| <b>Frames - 2, 3, 4 and 7 modules - Stainless Steel</b> <span style="float: right; color: white; background-color: red; padding: 2px 5px; font-weight: bold;">NEW</span><br>Material: varnished / painted stainless steel<br>Size (width x height):<br>- 2M: 85 x 85 mm.<br>- 3M: 117 x 85 mm.<br>- 4M: 139 x 85 mm.<br>- 7M: 205 x 85 mm.<br>Mounting plate codes:<br>- For 2M box (60 mm screw distance): Z2271.91.<br>- For 3M box (83,5 mm screw distance): Z2373.91.<br>- For 4M box (107 mm screw distance): Z2474.91.<br>- For 7M box (100 mm screw distance): Z2777.91.<br>Mounting box codes (flush / surface mounting):<br>- 2M: 1099, 1999 / 8591.<br>- 3M: 499,3 / N2993.<br>- 4M: 1499.4 / N2994.<br>- 7M: 1499.7 / -. |            |                   |                 |          |
| <b>Stainless Steel</b>  |            |                   |                 |          |
| 2M  | 2          | <b>Z2271.1 OX</b> | 2CLA227110Z4001 | 1        |
| 3M  | 3          | <b>Z2373.1 OX</b> | 2CLA237310Z4001 | 1        |
| 4M  | 4          | <b>Z2474.1 OX</b> | 2CLA247410Z4001 | 1        |
| 7M  | 7          | <b>Z2777.1 OX</b> | 2CLA277710Z4001 | 1        |
| <b>Silk Black</b>   |            |                   |                 |          |
| 2M  | 2          | <b>Z2271.1 NS</b> | 2CLA227110Z4101 | 1        |
| 3M  | 3          | <b>Z2373.1 NS</b> | 2CLA237310Z4101 | 1        |
| 4M  | 4          | <b>Z2474.1 NS</b> | 2CLA247410Z4101 | 1        |
| 7M  | 7          | <b>Z2777.1 NS</b> | 2CLA277710Z4101 | 1        |
| <b>Dune</b>   |            |                   |                 |          |
| 2M  | 2          | <b>Z2271.1 DN</b> | 2CLA227110Z4201 | 1        |
| 3M  | 3          | <b>Z2373.1 DN</b> | 2CLA237310Z4201 | 1        |
| 4M  | 4          | <b>Z2474.1 DN</b> | 2CLA247410Z4201 | 1        |
| 7M  | 7          | <b>Z2777.1 DN</b> | 2CLA277710Z4201 | 1        |
| <b>Taupe</b>  |            |                   |                 |          |
| 2M  | 2          | <b>Z2271.1 TP</b> | 2CLA227110Z4401 | 1        |
| 3M  | 3          | <b>Z2373.1 TP</b> | 2CLA237310Z4401 | 1        |
| 4M  | 4          | <b>Z2474.1 TP</b> | 2CLA247410Z4401 | 1        |
| 7M  | 7          | <b>Z2777.1 TP</b> | 2CLA277710Z4401 | 1        |
| <b>Commodore</b>  |            |                   |                 |          |
| 2M  | 2          | <b>Z2271.1 CM</b> | 2CLA227110Z4501 | 1        |
| 3M  | 3          | <b>Z2373.1 CM</b> | 2CLA237310Z4501 | 1        |
| 4M  | 4          | <b>Z2474.1 CM</b> | 2CLA247410Z4501 | 1        |
| 7M  | 7          | <b>Z2777.1 CM</b> | 2CLA277710Z4501 | 1        |
| <b>Mocha</b>  |            |                   |                 |          |
| 2M  | 2          | <b>Z2271.1 MO</b> | 2CLA227110Z4601 | 1        |
| 3M  | 3          | <b>Z2373.1 MO</b> | 2CLA237310Z4601 | 1        |
| 4M  | 4          | <b>Z2474.1 MO</b> | 2CLA247410Z4601 | 1        |
| 7M  | 7          | <b>Z2777.1 MO</b> | 2CLA277710Z4601 | 1        |
| <b>Matt Gold</b>  |            |                   |                 |          |
| 2M  | 2          | <b>Z2271.1 OM</b> | 2CLA227110Z4701 | 1        |
| 3M  | 3          | <b>Z2373.1 OM</b> | 2CLA237310Z4701 | 1        |
| 4M  | 4          | <b>Z2474.1 OM</b> | 2CLA247410Z4701 | 1        |
| 7M  | 7          | <b>Z2777.1 OM</b> | 2CLA277710Z4701 | 1        |

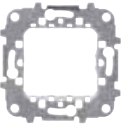


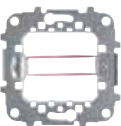

# Zenit




## Selection table

| Installation habit / Size | Box   |   | Zenit Float & Solid   |   | Zenit Soul  |   |
|---------------------------|---|---|---|---|---|---|
|                           | Brick wall  | Surface   | Mounting plate  | Frame   | Mounting plate  | Frame   |
| European                  |    |    |    |    |    |    |
| 1-gang                    | 1x 1199   | 1x 8591 BL  | 1x N2271.9<br>or 1x N2271.9G  | 1x N2171<br>or 1x N2271<br>or 1x N2271.1  | 1x Z2271.91   | 1x Z2271.1  |
| 2-gang                    | 2x 1199   | 1x 8592 BL  | 2x N2271.9<br>or 2x N2271.9G<br>or 1x N2272.9                                       | 1x N2272<br>or 1x N2272.1   |   |   |
| 3-gang                    | 3x 1199   | 1x 8593 BL  | 3x N2271.9<br>or 3x N2271.9G<br>or 1x N2273.9                                       | 1x N2273<br>or 1x N2273.1   |   |   |
| 4-gang                    | 4x 1199   |   | 4x N2271.9<br>or 4x N2271.9G<br>or 2x N2272.9                                       | 1x N2274<br>or 1x N2274.1   |   |   |
| 5-gang                    | 5x 1199   |   | 5x N2271.9<br>or 5x N2271.9G<br>or N2272.9 + N2273.9                                | 1x N2275  |   |   |
| Italian / American        |  |  |  |  |  |  |
| 3M                        | 1x 499.3 or 1x 1SL0060A00   | 1x N2993 BL   | 1x N2473.9<br>or 1x N2371.9V  | 1x N2471/2/3 or<br>1x N2471/2/3.1/2/3<br>or 1x N2370/1/2/3.1                          | 1x Z2373.91   | 1x Z2373.1  |
| 4M                        | 1x 1499.4<br>or 1x 00 053   | 1x N2994 BL   | 1x N2474.9  | 1x N2474<br>or 1x N2374.1   | 1x Z2474.91   | 1x Z2474.1  |
| 7M                        | 1x 1499.7   |   | 1x N2777.9  | 1x N2777<br>or 1x N2777.1   | 1x Z2777.91   | 1x Z2777.1  |
| 4"x4"                     |   |   | 1x N2673.9  | 1x N2670/1/2/3  |   |   |
| Asian                     |   |   |  |  |   |   |
| 3"x3"                     |   |   | 1x N2573.9  | 1x N2573  |   |   |

## Zenit






### Mounting plates for Float and Solid frames





| Size  | Modules     | Article-No.  | Order-No.       | Pack/Qty |
|---|-------------|--|-----------------|----------|
|    |             | <b>Mounting plate for European box</b><br>For horizontal and vertical installation.<br>To be installed with frames code: N2171 and N227X.<br>Mounting plate suitable for 60 mm screw distance boxes code: 1199, 1199 & 1199.2 or surface mounting boxes code: 8591, 8592 & 8593.<br>With aligning flaps for multigang frames.<br>Optional: elastic claws N2071.9.  |                 |          |
| 1-gang  | 2 modules   | <b>N2271.9</b>   | 2CLA227190N1001 | 20       |
|    |             | <b>Mounting plate for European box with protector</b><br>For horizontal and vertical installation.<br>To be installed with frames code: N2171 and N227X.<br>Mounting plate suitable for 60 mm screw distance boxes code: 1099, 1999 & 1999.2 or surface mounting boxes code: 8591, 8592 & 8593.<br>With aligning flaps for multigang frames.<br>Optional: elastic claws N2071.9. Includes a plastic cover to protect the devices from dust, paint, etc.                                    |                 |          |
| 1-gang  | 2 modules   | <b>N2271.92</b>  | 2CLA227192N1001 | 20       |
|   |             | <b>Mounting plate for European box with clamps</b><br>For horizontal and vertical installation.<br>To be installed with frames code: N2171 and N227X.<br>Mounting plate suitable for 60 mm screw distance boxes code: 1199, 1199 & 1199.2 or surface mounting boxes code: 8591, 8592 & 8593.<br>With aligning flaps for multigang frames.<br>Included: fixing claws.   |                 |          |
| 1-gang  | 2 modules   | <b>N2271.9 G</b>   | 2CLA227191N1001 | 20       |
|  |             | <b>Mounting plate for European box with clamps and protector</b><br>For horizontal and vertical installation.<br>To be installed with frames code: N2171 and N227X.<br>Mounting plate suitable for 60 mm screw distance boxes code: 1099, 1999 & 1999.2 or surface mounting boxes code: 8591, 8592 & 8593.<br>With aligning flaps for multigang frames.<br>Optional: elastic claws N2071.9. Included: fixing claws. Includes a plastic cover to protect the devices from dust, paint, etc. |                 |          |
| 1-gang  | 2 modules   | <b>N2271.93</b>  | 2CLA227193N1001 | 20       |
|  |             | <b>Mounting plate for European box</b><br>For horizontal installation.<br>To be installed with frames code:<br>- N2272: 1x N2272.9.<br>- N2273: 1x N2272.9 + 1x N2271.9.<br>- N2274: 2x N2272.9.<br>- N2275: 2x N2272.9 + 1x N2271.9.<br>Mounting plate suitable for 60 mm screw distance boxes code: 1199, 1199 & 1199.2 or surface mounting boxes code: 8592 & 8593.<br>With aligning flaps for multigang frames.  |                 |          |
| 2-gang  | 2+2 modules | <b>N2272.9</b>   | 2CLA227290N1001 | 20       |

| Size  | Modules       | Article-No.  | Order-No.       | Pack/Qty |
|---|---------------|--|-----------------|----------|
|    |               | <b>Mounting plate for European box</b><br>For horizontal installation.<br>To be installed with frames code:<br>- N2273: 1x N2273.9<br>- N2274: 1x N2273.9 + 1x N2271.9.<br>- N2275: 1x N2273.9 + 1x N2272.9.<br>Mounting plate suitable for 60 mm screw distance boxes code: 1199, 1199 & 1199.2 or surface mounting boxes code: 8592 & 8593.<br>With aligning flaps for multigang frames. |                 |          |
| 3-gang  | 2+2+2 modules | <b>N2273.9</b>   | 2CLA227390N1001 | 20       |
|    |               | <b>Accessory for elastic claws</b><br>Accessory that facilitates the installation of 1 module devices in mounting plate N2271.9 with the elastic claws N2071.9.  |                 |          |
|   |               | <b>N2071.8</b>   | 2CLA207180N1001 | 10       |
|  |               | <b>Elastic claws</b><br>Fixing elastic claws for mounting plates code: N2271.9.  |                 |          |
|   |               | <b>N2071.9</b>   | 2CLA207190N1001 | 20       |

## Zenit

### Mounting plates for Float and Solid frames





| Size  | Modules   | Article-No.   | Order-No.       | Pack/Qty |
|---|-----------|---|-----------------|----------|
|    |           | <b>Mounting plate for 3 module box - Vertical</b><br>Mounting plate that facilitates the assembly of 1 and 2 module devices in vertical installations. To be installed with frames code: N2472, N2371.1V and N2372.1.<br>Mounting plate suitable for 83,5 mm screw distance boxes code: 499.3 or surface mounting boxes code: N2993.  |                 |          |
| 3M  | 2 modules | <b>N2371.9V</b>   | 2CLA237190N1001 | 20       |
|    |           | <b>Mounting plate for 3 module box</b><br>For horizontal and vertical installation of 1, 2 or 3 module devices.<br>To be installed with frames code: N2471, N2471.1, N2472, N2472.1, N2472.2,N N2472.3, N2473, N2473.1, N2370.1, N2371.1, N2372.1, N2372.2 and N2373.1.<br>Mounting plate suitable for 83,5 mm screw distance boxes code: 499.3 or surface mounting boxes code: N2993.  |                 |          |
| 3M  | 3 modules | <b>N2473.9</b>  | 2CLA247390N1001 | 20       |
|  |           | <b>Mounting plate for 3 module box with screws</b><br>For horizontal and vertical installation of 1, 2 or 3 module devices.<br>To be installed with frames code: N2471, N2471.1, N2472, N2472.1, N2472.2,N N2472.3, N2473, N2473.1, N2370.1, N2371.1, N2372.1, N2372.2 and N2373.1.<br>Mounting plate suitable for 83,5 mm screw distance boxes code: 499.3 or surface mounting boxes code: N2993.<br>Included: 2 screws to fix the mounting plate. |                 |          |
| 3M  | 3 modules | <b>N2473.91</b>   | 2CLA247391N1001 | 20       |
|  |           | <b>Mounting plate for 4 module box</b><br>For horizontal and vertical installation of 1, 2 or 3 module devices.<br>To be installed with frames code: N2474 and N2374.1.<br>Mounting plate suitable for 107 mm screw distance boxes code: 1499.4 or surface mounting boxes code: N2994.  |                 |          |
| 4M  | 4 modules | <b>N2474.9</b>  | 2CLA247490N1001 | 20       |
|  |           | <b>Mounting plate for 4 module box with screws</b><br>For horizontal and vertical installation of 1, 2 or 3 module devices. To be installed with frames code: N2474 and N2374.1.<br>Mounting plate suitable for 107 mm screw distance boxes code: 1499.4 or surface mounting boxes code: N2994.<br>Included: 2 screws to fix the mounting plate.  |                 |          |
| 4M  | 4 modules | <b>N2474.91</b>   | 2CLA247491N1001 | 20       |

| Size   | Modules     | Article-No.  | Order-No.       | Pack/Qty |
|--|-------------|--|-----------------|----------|
|                   |             | <b>Mounting plate for 7 module box</b><br>For horizontal and vertical installation of 1, 2 or 3 module devices.<br>To be installed with frames code: N2777 and N2777.1.<br>Mounting plate suitable for 100 mm screw distance boxes code: 1499.7.   |                 |          |
| 7M   | 7 modules   | <b>N2777.9</b>   | 2CLA277790N1001 | 20       |
|                   |             | <b>Mounting plate for 7 module box with screws</b><br>For horizontal and vertical installation of 1, 2 or 3 module devices. To be installed with frames code: N2777 and N2777.1.<br>Mounting plate suitable for 100 mm screw distance boxes code: 1499.7.<br>Included: 4 screws to fix the mounting plate. |                 |          |
| 7M   | 7 modules   | <b>N2777.91</b>  | 2CLA277791N1001 | 20       |
|   |             | <b>Mounting plate for 4"x4" box</b><br>For horizontal and vertical installation of 1, 2 or 3 module devices.<br>To be installed with frames code: N2670, N2671.1, N2672.2, N2672.4 and N2673.6.<br>Mounting plate suitable for 4"x4" boxes.  |                 |          |
| 4"x4"  | 3+3 modules | <b>N2673.9</b>   | 2CLA267390N1001 | 10       |
|  |             | <b>Mounting plate for BS 3"x3" box</b><br>For horizontal and vertical installation in square boxes of 1, 2 or 3 module devices.<br>To be installed with frames code: N2573.<br>Mounting plate suitable for 60,3 mm screw distance BS 3"x3" boxes.  |                 |          |
| 3"x3"  | 3 modules   | <b>N2573.9</b>   | 2CLA257390N1001 | 20       |









## Zenit

### Mounting plates for Soul frames





| Size   | Modules   | Article-No.  | Order-No.       | Pack/Qty |
|--------|-----------|--|-----------------|----------|
|        |           |  <p><b>Mounting plate for European box</b><br/>For horizontal and vertical installation.<br/>To be installed with frames code: Z2271.1.<br/>Mounting plate suitable for 60 mm screw distance<br/>boxes code: 1099, 1999 &amp; 1999.2 or surface<br/>mounting boxes code: 8591, 8592 &amp; 8593.<br/>With aligning flaps for multigang frames.</p> |                 |          |
| 1-gang | 2 modules | <b>Z2271.91</b>  | 2CLA227191Z1001 | 24       |
|        |           |  <p><b>Mounting plate for 3 module box</b><br/>For horizontal and vertical installation of 1, 2 or 3<br/>module devices.<br/>To be installed with frames code: Z2373.1<br/>Mounting plate suitable for 83,5 mm screw<br/>distance boxes code: 1SL0060A00.<br/>Included: 2 screws to fix the mounting plate.</p>                                   |                 |          |
| 3M     | 3 modules | <b>Z2373.91</b>  | 2CLA237391Z1001 | 20       |
|        |           |  <p><b>Mounting plate for 4 module box</b><br/>For horizontal and vertical installation of 1, 2 or 3<br/>module devices.<br/>To be installed with frames code: Z2474.1.<br/>Mounting plate suitable for 107 mm screw distance<br/>boxes code: 00 053.<br/>Included: 2 screws to fix the mounting plate.</p>                                     |                 |          |
| 4M     | 4 modules | <b>Z2474.91</b>  | 2CLA247491Z1001 | 20       |
|        |           |  <p><b>Mounting plate for 7 module box</b><br/>For horizontal and vertical installation of 1, 2 or 3<br/>module devices.<br/>To be installed with frames code: Z2777.1.<br/>Mounting plate suitable for 100 mm screw distance<br/>boxes code: 1499.7.<br/>Included: 4 screws to fix the mounting plate.</p>                                     |                 |          |
| 7M     | 7 modules | <b>Z2777.91</b>  | 2CLA277791Z1001 | 20       |

## Zenit

### Flush mounting boxes

| Size  | Modules   | Article-No.       | Order-No.       | Pack/Qty |
|---|-----------|-------------------|-----------------|----------|
|  <p><b>European type box - Bricks and cement</b><br/>Installation box for walls built with bricks or cement.<br/>Distance between screws: 60 mm<br/>Suitable for mounting plates code: N2271.9, N2271.9G, N2272.9, N2273.9 &amp; Z2271.91.<br/>Allows the input of 2 tubes per each side.<br/>Linkable for multigang frames.<br/>Included: 2 screws to fix the mounting plate. The screws can be placed in any of the 4 sides to facilitate the installation of the insert in vertical and horizontal.</p> |           |                   |                 |          |
| 1-gang  | 2 modules | <b>1199</b>       | 2CLA019900A1001 | 250      |
|  <p><b>3 module type box - Bricks and cement</b><br/>Installation box for walls built with bricks or cement.<br/>Distance between screws: 83,5 mm.<br/>Suitable for mounting plates code: N2371.9 &amp; N2373.9.<br/>Included: 2 screws to fix the mounting plate.</p>   |           |                   |                 |          |
| 3M  | 3 modules | <b>499.3</b>      | 2CLA049930A1001 | 25       |
|  <p><b>3 module type box - Bricks and cement</b><br/>Installation box for walls built with bricks or cement.<br/>Distance between screws: 83,5 mm. Suitable for mounting plates code: Z2373.91.</p>  |           |                   |                 |          |
| 3M  | 3 modules | <b>1SL0060A00</b> | 1SL0060A00      | 243      |
|  <p><b>4 module type box - Bricks and cement</b><br/>Installation box for walls built with bricks or cement.<br/>Distance between screws: 107 mm<br/>Suitable for mounting plates code: N2474.9.<br/>Included: 2 screws to fix the mounting plate.</p>   |           |                   |                 |          |
| 4M  | 4 modules | <b>1499.4</b>     | 2CLA049940A1001 | 20       |
|  <p><b>4 module type box - Bricks and cement</b><br/>Installation box for walls built with bricks or cement.<br/>Distance between screws: 107 mm Suitable for mounting plates code: Z2474.91.</p>  |           |                   |                 |          |
| 4M  | 4 modules | <b>00 053</b>     | M000530000      | 150      |
|  <p><b>7 module type box - Bricks and cement</b><br/>Installation box for walls built with bricks or cement.<br/>Distance between screws: 100 mm<br/>Suitable for mounting plates code: N2777.9.<br/>Without screws.<br/>Included: 4 screws to fix the mounting plate.</p>   |           |                   |                 |          |
| 7M  | 7 modules | <b>1499.7</b>     | 2CLA049970A1001 | 5        |

### Frames for metallic and plastic profiles

| Size  | Modules    | Article-No.       | Order-No.       | Pack/Qty |
|---|------------|-------------------|-----------------|----------|
|  <p><b>Frame for metallic and plastic profiles</b><br/>Frames suitable to be installed in reduced dimensions surfaces as plastic and metallic profiles or screens.<br/>For 1 module devices.<br/>Size (width x height): 32 x 68 mm.<br/>Shaft size (width x height): 26 x 50 mm.</p>         |            |                   |                 |          |
| 1-gang  | 1 module   | <b>N2671 BL</b>   | 2CLA267100N1101 | 10       |
| 1-gang  | 1 module   | <b>N2671 PL</b>   | 2CLA267100N1301 | 10       |
| 1-gang  | 1 module   | <b>N2671 AN</b>   | 2CLA267100N1801 | 10       |
| 1-gang  | 1 module   | <b>N2671 CV</b>   | 2CLA267100N1901 | 10       |
|  <p><b>Frame for metallic and plastic profiles</b><br/>Frames suitable to be installed in reduced dimensions surfaces as plastic and metallic profiles or screens.<br/>For 1 module devices.<br/>Size (width x height): 32 x 126 mm.<br/>Shaft size (width x height): 26 x 108 mm.</p>      |            |                   |                 |          |
| 2-gang  | 1+1 module | <b>N2671.2 BL</b> | 2CLA267120N1101 | 5        |
| 2-gang  | 1+1 module | <b>N2671.2 PL</b> | 2CLA267120N1301 | 5        |
| 2-gang  | 1+1 module | <b>N2671.2 AN</b> | 2CLA267120N1801 | 5        |
| 2-gang  | 1+1 module | <b>N2671.2 CV</b> | 2CLA267120N1901 | 5        |
|  <p><b>Frame for metallic and plastic profiles</b><br/>Frames suitable to be installed in reduced dimensions surfaces as plastic and metallic profiles or screens.<br/>For 1 and 2 module devices.<br/>Size (width x height): 54 x 68 mm.<br/>Shaft size (width x height): 49 x 50 mm.</p> |            |                   |                 |          |
| 1-gang  | 2 modules  | <b>N2672 BL</b>   | 2CLA267200N1101 | 6        |
| 1-gang  | 2 modules  | <b>N2672 PL</b>   | 2CLA267200N1301 | 6        |
| 1-gang  | 2 modules  | <b>N2672 AN</b>   | 2CLA267200N1801 | 6        |
| 1-gang  | 2 modules  | <b>N2672 CV</b>   | 2CLA267200N1901 | 6        |
|  <p><b>Adapter for DIN rail - 2M</b><br/>Adapter that facilitates the intallation of Zenit devices up to 2 modules in switchboards on DIN rails.<br/>RAL 9010.<br/>Width: 53,5 mm.</p>   |            |                   |                 |          |
| 1-gang  | 2 modules  | <b>N2692 BL</b>   | 2CLA269200N1101 | 10       |

### DIN-rail mounting plate





|        |           |                 |                 |    |
|--------|-----------|-----------------|-----------------|----|
| 1-gang | 2 modules | <b>N2692 BL</b> | 2CLA269200N1101 | 10 |
|--------|-----------|-----------------|-----------------|----|

## Zenit

### IP20 surface mounting boxes




| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Surface mounting box with frame - 2 modules</b><br>Surface mounting box for 1 and 2 module devices.<br>The box includes the clipping system to clasp inserts (no mounting plate necessary).<br>Included: frame - 2 modules<br>Size (Width x Height x Depth): 64 x 70 x 47 mm.<br>Pre-cut areas in the 4 sides for N2999 adapters. |                 |          |
| White   | <b>N2991.1 BL</b>  | 2CLA299110N1101 | 10       |
|    | <b>Surface mounting box - 2M</b><br>Surface mounting box for 1 and 2 module devices.<br>Suitable for 2 module mounting plates N2271.9.<br>Suitable for N2171 and N2271 frames.<br>Size (Width x Height x Depth): 86 x 86 x 44 mm.<br>Pre-cut areas in the 4 sides for N2999 adapters.  |                 |          |
| White   | <b>8591 BL</b>   | 2CLA859100N1101 | 6        |
|   | <b>Surface mounting box - 2+2M</b><br>Surface mounting box for 1 and 2 module devices.<br>Suitable for 2 module mounting plates N2271.9.<br>Suitable for N2272 frames.<br>Size (Width x Height x Depth): 157 x 86 x 44 mm.<br>Pre-cut areas in the 4 sides for N2999 adapters.   |                 |          |
| White   | <b>8592 BL</b>   | 2CLA859200N1101 | 5        |
|  | <b>Surface mounting box - 2+2+2M</b><br>Surface mounting box for 1 and 2 module devices.<br>Suitable for 2 module mounting plates N2271.9.<br>Suitable for N2273 frames.<br>Size (Width x Height x Depth): 228 x 86 x 44 mm.<br>Pre-cut areas in the 4 sides for N2999 adapters.   |                 |          |
| White   | <b>8593 BL</b>   | 2CLA859300N1101 | 1        |
|  | <b>Surface mounting box - 3M</b><br>Surface mounting box for 1, 2 or 3 module devices.<br>Suitable for 3 module mounting plates N2371.9 and N2373.9.<br>Suitable for N2471, N2472 and N2473 frames.<br>Size (Width x Height x Depth): 107 x 85 x 44 mm.<br>Pre-cut areas in the 4 sides for N2999 adapters.                          |                 |          |
| White   | <b>N2993 BL</b>  | 2CLA299300N1101 | 10       |
|  | <b>Surface mounting box - 4M</b><br>Surface mounting box for 1, 2 or 3 module devices.<br>Suitable for 4 module mounting plates N2374.9.<br>Suitable for N2374 frames.<br>Size (Width x Height x Depth): 139 x 85 x 44 mm.<br>Pre-cut areas in the 4 sides for N2999 adapters.   |                 |          |
| White   | <b>N2994 BL</b>  | 2CLA299400N1101 | 5        |
|  | <b>Adapter for tubes/pipes</b><br>Adapter for tubes of Ø16, Ø20, Ø25.<br>Suitable for surface mounting boxes code:<br>N2991.1, 8591, 8592, 8593, N2993 and N2994.  |                 |          |
| White   | <b>N2999 BL</b>  | 2CLA299900N1101 | 10       |

### IP40 surface mounting boxes




| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Surface mounting box - IP40 - 2 modules</b><br>Box for surface installation.<br>1-gang - 2 modules.<br>For 1 or 2 module devices.<br>Size (height x width x depth): 80 x 65 x 55 mm.<br>Color: gray - RAL 7035.<br>Protection degree: IP40 / IK06.<br>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).            |                 |          |
| Gray  | <b>N3291.1</b>  | 2CLA329110N1101 | 10       |
|    | <b>Surface mounting box - IP40 - 2+2 modules</b><br>Box for surface installation.<br>2-gang - 2+2 modules.<br>For 1 or 2 module devices.<br>Size (height x width x depth): 80 x 130 x 55 mm<br>Color: gray - RAL 7035.<br>Protection degree: IP40 / IK06.<br>Double incoming with multi-diameter cone for tubes/cables max. Ø20.<br>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary). |                 |          |
| Gray  | <b>N3292.1</b>  | 2CLA329210N1101 | 10       |
|  | <b>Surface mounting box - IP40 - 2+2+2 modules</b><br>Box for surface installation.<br>3-gang - 2+2+2 modules.<br>For 1 or 2 module devices.<br>Size (height x width x depth): 80 x 195 x 55 mm.<br>Color: gray - RAL 7035.<br>Protection degree: IP40 / IK06.<br>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).   |                 |          |
| Gray  | <b>N3293.1</b>  | 2CLA329310N1101 | 5        |
|  | <b>Surface mounting box - IP40 - 3 modules</b><br>Box for surface installation.<br>1-gang - 3 modules.<br>For 1, 2 or 3 module devices.<br>Size (height x width x depth): 80 x 104 x 55 mm<br>Color: gray - RAL 7035.<br>Protection degree: IP40 / IK06.<br>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).         |                 |          |
| Gray  | <b>N3391.1</b>  | 2CLA339110N1101 | 10       |

## Zenit

### IP55 flush mounting kits




| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Kit IP55 2-way switch - flush mounted</b><br>Kit with:<br>- N3271 BL: IP55 frame for flush mounting - 1-gang - 2 modules.<br>- N2202 BL: 1-gang, 2-way / 127 - 250 Vac / 16 AX.<br>- 1-gang, 2 module mounting plate.<br>Protection degree: IP55 (with lid closed).<br>Color: white.<br>Opening angle of the lid: 120°.<br>The lid allows operating the switch in closed position.                    |                 |          |
| White   | <b>N3002</b>   | 2CLA300200N1101 | 10       |
|    | <b>Kit IP55 push button - flush mounted</b><br>Kit with:<br>- N3271 BL: IP55 frame for flush mounting - 1-gang - 2 modules.<br>- N2204 BL: 1-gang, 1-way, NO push button / 127 - 250 Vac / 16 A.<br>- 1-gang, 2 module mounting plate.<br>Protection degree: IP55 (with lid closed).<br>Color: white.<br>Opening angle of the lid: 120°.<br>The lid allows operating the push button in closed position. |                 |          |
| White   | <b>N3004</b>   | 2CLA300400N1101 | 10       |
|  | <b>Kit IP55 Schuko socket outlet - flush mounted</b><br>Kit with:<br>- N3271 BL: IP55 frame for flush mounting - 1-gang - 2 modules.<br>- N2288 BL: Schuko socket outlet / 127 - 250 Vac / 16 A.<br>- 1-gang, 2 module mounting plate.<br>Protection degree: IP55 (with lid closed).<br>Color: white.<br>Opening angle of the lid: 120°.   |                 |          |
| White   | <b>N3088</b>   | 2CLA308800N1101 | 10       |

### IP55 flush mounting frames





| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Flush mounting frames - IP55 - 2 modules</b><br>Frames for IP55 flush mounted installations.<br>1-gang - 2 modules.<br>For 1 or 2 module devices.<br>Size (height x width): 90 x 90 mm.<br>Included: one 1-gang, 2 module mounting plate.<br>Protection degree: IP55 (with lid closed).<br>Opening angle of the lid: 120°.<br>The lid allows operating the switch in closed position.<br>Suitable for 60mm screw distance boxes.                              |                 |          |
| White   | <b>N3271 BL</b>  | 2CLA327100N1101 | 10       |
| Gray  | <b>N3271 GR</b>  | 2CLA327100N1701 | 10       |
| Anthracite  | <b>N3271 AN</b>  | 2CLA327100N1801 | 10       |
|   | <b>Flush mounting frames - IP55 - 2+2 modules</b><br>Frames for IP55 flush mounted vertical and horizontal installations.<br>2-gang - 2+2 modules.<br>For 1 or 2 module devices.<br>Size (height x width): 161 x 90 mm.<br>Included: two 1-gang, 2 module mounting plate.<br>Protection degree: IP55 (with lid closed).<br>Opening angle of the lid: 120°.<br>The lid allows operating the switch in closed position.<br>Suitable for 60mm screw distance boxes. |                 |          |
| White   | <b>N3272 BL</b>  | 2CLA327200N1101 | 5        |
| Gray  | <b>N3272 GR</b>  | 2CLA327200N1701 | 5        |
| Anthracite  | <b>N3272 AN</b>  | 2CLA327200N1801 | 5        |
|  | <b>Flush mounting frames - IP55 - 3 modules</b><br>Frames for IP55 flush mounted horizontal installations.<br>1-gang - 3 modules.<br>For 1, 2 or 3 module devices.<br>Size (height x width): 90 x 122 mm.<br>Included: one 1-gang, 3 module mounting plate.<br>Protection degree: IP55 (with lid closed).<br>Opening angle of the lid: 120°.<br>The lid allows operating the switch in closed position.<br>Suitable for 83,5mm screw distance 3 module boxes.    |                 |          |
| White   | <b>N3373 BL</b>  | 2CLA337300N1101 | 5        |
| Gray  | <b>N3373 GR</b>  | 2CLA337300N1701 | 5        |
| Anthracite  | <b>N3373 AN</b>  | 2CLA337300N1801 | 5        |

## Zenit

### IP55 surface mounting kits


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <p><b>Kit IP55 2-way switch - surface mounted</b></p> <p>Kit with:</p> <ul style="list-style-type: none"> <li>- N3291: IP55 box for surface mounting - 1-gang - 2 modules.</li> <li>- N2202 BL: 1-gang, 2-way / 127 - 250 Vac / 16 AX.</li> </ul> <p>Protection degree: IP55 (with lid closed).<br/>Color: white device / gray RAL 7035 box.<br/>Opening angle of the lid: 120°.</p> <p>The lid allows operating the switch in closed position.<br/>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br/>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>               |                 |          |
| Gray  | <b>N3202</b>   | 2CLA320200N1101 | 10       |
|   | <p><b>Kit IP55 push button - surface mounted</b></p> <p>Kit with:</p> <ul style="list-style-type: none"> <li>- N3291: IP55 box for surface mounting - 1-gang - 2 modules.</li> <li>- N2204 BL: 1-gang, 1-way, NO push button / 127 - 250 Vac / 16 A.</li> </ul> <p>Protection degree: IP55 (with lid closed).<br/>Color: white device / gray RAL 7035 box.<br/>Opening angle of the lid: 120°.</p> <p>The lid allows operating the switch in closed position.<br/>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br/>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p> |                 |          |
| Gray  | <b>N3204</b>   | 2CLA300400N1101 | 10       |
|  | <p><b>Kit IP55 Schuko socket outlet - surface mounted</b></p> <p>Kit with:</p> <ul style="list-style-type: none"> <li>- N3291: IP55 box for surface mounting - 1-gang - 2 modules.</li> <li>- N2288 BL: Schuko socket outlet / 127 - 250 Vac / 16 A.</li> </ul> <p>Protection degree: IP55 (with lid closed).<br/>Color: white device / gray RAL 7035 box.<br/>Opening angle of the lid: 120°.</p> <p>The lid allows operating the switch in closed position.<br/>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br/>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p> |                 |          |
| Gray  | <b>N3288</b>   | 2CLA308800N1101 | 10       |


### IP55 surface mounting boxes


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <p><b>Surface mounting box - IP55 - 2 modules</b></p> <p>Box for IP55 surface mounted installations.<br/>1-gang - 2 modules.<br/>For 1 or 2 module devices.<br/>Size (height x width x depth): 80 x 65 x 63 mm<br/>Color: gray RAL 7035<br/>Protection degree: IP55 (with lid closed).<br/>Opening angle of the lid: 120°.</p> <p>The lid allows operating the switch in closed position.<br/>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br/>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>                     |                 |          |
| Gray  | <b>N3291</b>   | 2CLA329100N1101 | 10       |
|    | <p><b>Surface mounting box - IP55 - 2+2 modules</b></p> <p>Box for IP55 surface mounted horizontal installations.<br/>2-gang - 2+2 modules.<br/>For 1 or 2 module devices.<br/>Size (height x width x depth): 80 x 130 x 63 mm.<br/>Color: gray RAL 7035.<br/>Protection degree: IP55 (with lid closed).<br/>Opening angle of the lid: 120°.</p> <p>The lid allows operating the switch in closed position.<br/>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br/>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>   |                 |          |
| Gray  | <b>N3292</b>   | 2CLA329200N1101 | 10       |
|  | <p><b>Surface mounting box - IP55 - 2+2+2 modules</b></p> <p>Box for IP55 surface mounted horizontal installations.<br/>3-gang - 2+2+2 modules.<br/>For 1 or 2 module devices.<br/>Size (height x width x depth): 80 x 195 x 63 mm<br/>Color: gray RAL 7035<br/>Protection degree: IP55 (with lid closed).<br/>Opening angle of the lid: 120°.</p> <p>The lid allows operating the switch in closed position.<br/>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br/>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p> |                 |          |
| Gray  | <b>N3293</b>   | 2CLA329300N1101 | 5        |
|  | <p><b>Surface mounting box - IP55 - 3 modules</b></p> <p>Box for IP55 surface mounted horizontal installations.<br/>1-gang - 3 modules.<br/>For 1, 2 or 3 module devices.<br/>Size (height x width x depth): 80 x 104 x 63 mm.<br/>Color: gray RAL 7035.<br/>Protection degree: IP55 (with lid closed).<br/>Opening angle of the lid: 120°.</p> <p>The lid allows operating the switch in closed position.<br/>Incoming with multi-diameter cone for tubes/cables max. Ø20.<br/>The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>    |                 |          |
| Gray  | <b>N3391</b>   | 2CLA339100N1101 | 10       |

## Zenit - centralizations


### Surface mounting boxes


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Surface mounting box - 12 modules</b><br>Zenit centralization box for surface mounted installations.<br>2-gang - 6+6 modules.<br>For 1, 2 or 3 module devices.<br>Size (height x width x depth): 204 x 212 x 55 mm.<br>Included:<br>- Metallic mounting plates (horizontally folding for easy installation).<br>- Screws.<br>- Plugs.<br>Suitable for frames code: T1272. |                 |          |
| White   | <b>T1292 BL</b>  | 2CLA129200T1001 | 1        |
| Silver  | <b>T1292 PL</b>  | 2CLA129200T1301 | 1        |
| Anthracite  | <b>T1292 AN</b>  | 2CLA129200T1801 | 1        |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Surface mounting box - 18 modules</b><br>Zenit centralization box for surface mounted installations.<br>3-gang - 6+6+6 modules.<br>For 1, 2 or 3 module devices.<br>Size (height x width x depth): 275 x 212 x 55 mm.<br>Included:<br>- Metallic mounting plates (horizontally folding for easy installation).<br>- Screws.<br>- Plugs.<br>Suitable for frames code: T1273. |                 |   |
| White  | <b>T1293 BL</b>  | 2CLA129300T1001 | 1 |
| Silver   | <b>T1293 PL</b>  | 2CLA129300T1301 | 1 |
| Anthracite   | <b>T1293 AN</b>  | 2CLA129300T1801 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Surface mounting box - 24 modules</b><br>Zenit centralization box for surface mounted installations.<br>4-gang - 6+6+6+6 modules.<br>For 1, 2 or 3 module devices.<br>Size (height x width x depth): 346 x 212 x 55 mm.<br>Included:<br>- Metallic mounting plates (horizontally folding for easy installation).<br>- Screws.<br>- Plugs.<br>Suitable for frames code: T1274. |                 |   |
| White   | <b>T1294 BL</b>  | 2CLA129400T1001 | 1 |
| Silver  | <b>T1294 PL</b>  | 2CLA129400T1301 | 1 |
| Anthracite  | <b>T1294 AN</b>  | 2CLA129400T1801 | 1 |

### Flush mounting boxes

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Flush mounting box - 12 modules</b><br>Zenit centralization box for flush mounted installations.<br>2-gang - 6+6 modules.<br>For 1, 2 or 3 module devices.<br>Size (height x width x depth): 178 x 186 x 55 mm.<br>Included:<br>- Metallic mounting plates (horizontally folding for easy installation).<br>- Multi-box linking accessories.<br>- Screws.<br>- Plugs.<br>- Claws for drywall.<br>Suitable for frames code: T1272. |                 |          |
|   | <b>T1092.1</b>   | 2CLA109210T1001 | 1        |

|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>Flush mounting box - 18 modules</b><br>Zenit centralization box for flush mounted installations.<br>3-gang - 6+6+6 modules.<br>For 1, 2 or 3 module devices.<br>Size (height x width x depth): 249 x 186 x 55 mm.<br>Included:<br>- Metallic mounting plates (horizontally folding for easy installation).<br>- Multi-box linking accessories.<br>- Screws.<br>- Plugs.<br>- Claws for drywall.<br>Suitable for frames code: T1273. |                 |   |
|  | <b>T1093.1</b>   | 2CLA109310T1001 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Flush mounting box - 24 modules</b><br>Zenit centralization box for flush mounted installations.<br>4-gang - 6+6+6+6 modules.<br>For 1, 2 or 3 module devices.<br>Size (height x width x depth): 320 x 186 x 55 mm.<br>Included:<br>- Metallic mounting plates (horizontally folding for easy installation).<br>- Multi-box linking accessories.<br>- Screws.<br>- Plugs.<br>- Claws for drywall.<br>Suitable for frames code: T1274. |                 |   |
|   | <b>T1094.1</b>   | 2CLA109410T1001 | 1 |

## Zenit - centralizations

### Frames

| Color | Article-No. | Order-No. | Pack/Qty |
|-------|-------------|-----------|----------|
|-------|-------------|-----------|----------|



#### Frame for centralizations - 12 modules

Color:

- BL: White plate / White frame.
- BP: White plate / Silver frame.
- PL: Silver plate / Silver frame.
- AN: Anthracite plate / Anthracite frame.

Zenit centralization frames for flush mounting boxes code T1092.1 and surface mounting boxes code T1292.  
2-gang - 6+6 modules.

For 1, 2 or 3 module devices.

With labeling space.

Size (height x width): 204 x 212 mm.

|              |                 |                 |   |
|--------------|-----------------|-----------------|---|
| White/White  | <b>T1272 BL</b> | 2CLA127200T1101 | 1 |
| White/Silver | <b>T1272 BP</b> | 2CLA127200T1201 | 1 |
| Silver       | <b>T1272 PL</b> | 2CLA127200T1301 | 1 |
| Anthracite   | <b>T1272 AN</b> | 2CLA127200T1801 | 1 |



#### Frame for centralizations - 18 modules

Color:

- BL: White plate / White frame.
- BP: White plate / Silver frame.
- PL: Silver plate / Silver frame.
- AN: Anthracite plate / Anthracite frame.

Zenit centralization frames for flush mounting boxes code T1093.1 and surface mounting boxes code T1293.  
4-gang - 6+6+6 modules.

For 1, 2 or 3 module devices.

With labeling space.

Size (height x width): 275 x 212 mm.

|              |                 |                 |   |
|--------------|-----------------|-----------------|---|
| White/White  | <b>T1273 BL</b> | 2CLA127300T1101 | 1 |
| White/Silver | <b>T1273 BP</b> | 2CLA127300T1201 | 1 |
| Silver       | <b>T1273 PL</b> | 2CLA127300T1301 | 1 |
| Anthracite   | <b>T1273 AN</b> | 2CLA127300T1801 | 1 |



#### Frame for centralizations - 24 modules

Color:

- BL: White plate / White frame.
- BP: White plate / Silver frame.
- PL: Silver plate / Silver frame.
- AN: Anthracite plate / Anthracite frame.

Zenit centralization frames for flush mounting boxes code T1094.1 and surface mounting boxes code T1294.  
4-gang - 6+6+6+6 modules.

For 1, 2 or 3 module devices.


With labeling space.


Size (height x width): 346 x 212 mm.


|              |                 |                 |   |
|--------------|-----------------|-----------------|---|
| White/White  | <b>T1274 BL</b> | 2CLA127400T1101 | 1 |
| White/Silver | <b>T1274 BP</b> | 2CLA127400T1201 | 1 |
| Silver       | <b>T1274 PL</b> | 2CLA127400T1301 | 1 |
| Anthracite   | <b>T1274 AN</b> | 2CLA127400T1801 | 1 |


## Zenit - workstations

### Surface mounting boxes

| Color  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Surface mounting box - 2 columns</b><br/>           Box for surface mounted installations.<br/>           2-columns - 2+2+2+2 modules.<br/>           For 1 or 2 module devices. Also suitable for T10XX devices.<br/>           Size (height x width x depth): 176 x 175 x 45 mm<br/>           Included:<br/>           - Mounting plates<br/>           (vertically folding devices for easy installation)<br/>           - Multi-box linking accessories<br/>           - Screws<br/>           - Plugs<br/>           - Side cover for trunking system incoming<br/>           and isolating metallic plate to divide power from VDI.<br/>           Suitable for frames code: T1172.</p> |                 |                 |          |
| White  | <b>T1192 BL</b> | 2CLA119200T1001 | 1        |
| Silver   | <b>T1192 PL</b> | 2CLA119200T1301 | 1        |

|   |                 |                 |   |
|---|-----------------|-----------------|---|
|  <p><b>Surface mounting box - 3 columns</b><br/>           Box for surface mounted installations.<br/>           3-columns - 2+2+2+2+2 modules.<br/>           For 1 or 2 module devices. Also suitable for T10XX devices.<br/>           Size (height x width x depth): 176 x 235 x 45 mm<br/>           Included:<br/>           - Mounting plates<br/>           (vertically folding devices for easy installation)<br/>           - Multi-box linking accessories<br/>           - Screws<br/>           - Plugs<br/>           - Side cover for trunking system incoming and isolating<br/>           metallic plate to divide power from VDI.<br/>           Suitable for frames code: T1173.</p> |                 |                 |   |
| White   | <b>T1193 BL</b> | 2CLA119300T1001 | 1 |
| Silver  | <b>T1193 PL</b> | 2CLA119300T1301 | 1 |


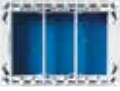

|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  <p><b>Surface mounting box - 4 columns</b><br/>           Box for surface mounted installations.<br/>           4-columns - 2+2+2+2+2+2+2 modules.<br/>           For 1 or 2 module devices. Also suitable for T10XX devices.<br/>           Size (height x width x depth): 176 x 295 x 45 mm<br/>           Included:<br/>           - Mounting plates<br/>           (vertically folding devices for easy installation)<br/>           - Multi-box linking accessories<br/>           - Screws<br/>           - Plugs<br/>           - Side cover for trunking system incoming and isolating<br/>           metallic plate to divide power from VDI.<br/>           Suitable for frames code: T1174.</p> |                 |                 |   |
| White  | <b>T1194 BL</b> | 2CLA119400T1001 | 1 |
| Silver   | <b>T1194 PL</b> | 2CLA119400T1301 | 1 |

| Color  | Article-No.     | Order-No.       | Pack/Qty |
|--|-----------------|-----------------|----------|
|  <p><b>Surface mounting box - 5 columns</b><br/>           Box for surface mounted installations.<br/>           5-columns - 2+2+2+2+2+2+2+2+2+2 modules.<br/>           For 1 or 2 module devices. Also suitable for T10XX devices.<br/>           Size (height x width x depth): 176 x 355 x 45 mm<br/>           Included:<br/>           - Mounting plates<br/>           (vertically folding devices for easy installation)<br/>           - Multi-box linking accessories<br/>           - Screws<br/>           - Plugs<br/>           - Side cover for trunking system incoming<br/>           and isolating metallic plate to divide power from VDI.<br/>           Suitable for frames code: T1175.</p> |                 |                 |          |
| White  | <b>T1195 BL</b> | 2CLA119500T1001 | 1        |
| Silver   | <b>T1195 PL</b> | 2CLA119500T1301 | 1        |




## Zenit - workstations


### Flush mounting boxes


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--------------|-----------------|----------|
|  <p><b>Flush mounting box - 2 columns</b><br/>           Box for flush mounted installations.<br/>           2-columns - 2+2+2+2 modules.<br/>           For 1 or 2 module devices. Also suitable for T10XX devices.<br/>           Size (height x width x depth): 150 x 151 x 45 mm<br/>           Included:<br/>           - Mounting plates<br/>           (vertically folding devices for easy installation)<br/>           - Multi-box linking accessories<br/>           - Screws<br/>           - Plugs<br/>           - Isolating metallic plate to divide power from VDI and claws for drywall.<br/>           Suitable for frames code: T1172.</p>           | <b>T1092</b> | 2CLA109200T1001 | 1        |
|  <p><b>Flush mounting box - 3 columns</b><br/>           Box for flush mounted installations.<br/>           3-columns - 2+2+2+2+2+2 modules.<br/>           For 1 or 2 module devices. Also suitable for T10XX devices.<br/>           Size (height x width x depth): 150 x 211 x 45 mm<br/>           Included:<br/>           - Mounting plates<br/>           (vertically folding devices for easy installation)<br/>           - Multi-box linking accessories<br/>           - Screws<br/>           - Plugs<br/>           - Isolating metallic plate to divide power from VDI and claws for drywall.<br/>           Suitable for frames code: T1173.</p>      | <b>T1093</b> | 2CLA109300T1001 | 1        |
|  <p><b>Flush mounting box - 4 columns</b><br/>           Box for flush mounted installations.<br/>           4-columns - 2+2+2+2+2+2+2+2 modules.<br/>           For 1 or 2 module devices. Also suitable for T10XX devices.<br/>           Size (height x width x depth): 150 x 271 x 45 mm<br/>           Included:<br/>           - Mounting plates<br/>           (vertically folding devices for easy installation)<br/>           - Multi-box linking accessories<br/>           - Screws<br/>           - Plugs<br/>           - Isolating metallic plate to divide power from VDI and claws for drywall.<br/>           Suitable for frames code: T1174.</p> | <b>T1094</b> | 2CLA109400T1001 | 1        |


## Zenit - workstations

### Frames


| Color   | Article-No.     | Order-No.       | Pack/Qty |
|---|-----------------|-----------------|----------|
|  <p><b>Frame for workstations - 2 columns</b><br/>Color:<br/>- BL: White plate / White frame<br/>- PL: Silver plate / Silver frame<br/>- TT: White plate / Titanium metallic frame<br/>Zenit workstation frames for flush mounting boxes code T1092 and surface mounting boxes code T1192.<br/>2-columns - 4-gang - 2+2+2+2 modules.<br/>For 1 or 2 module devices. Also suitable for T10XX devices.<br/>Size (height x width): 176x 175 mm.</p> |                 |                 |          |
| White   | <b>T1172 BL</b> | 2CLA117200T1101 | 1        |
| Silver  | <b>T1172 PL</b> | 2CLA117200T1301 | 1        |

|   |                 |                 |   |
|---|-----------------|-----------------|---|
|  <p><b>Frame for workstations - 3 columns</b><br/>Color:<br/>- BL: White plate / White frame<br/>- PL: Silver plate / Silver frame<br/>- TT: White plate / Titanium metallic frame<br/>Zenit workstation frames for flush mounting boxes code T1093 and surface mounting boxes code T1193.<br/>3-columns - 6-gang - 2+2+2+2+2+2 modules.<br/>For 1 or 2 module devices. Also suitable for T10XX devices.<br/>Size (height x width): 176x 235 mm.</p> |                 |                 |   |
| White   | <b>T1173 BL</b> | 2CLA117300T1101 | 1 |
| Silver  | <b>T1173 PL</b> | 2CLA117300T1301 | 1 |

|   |                 |                 |   |
|---|-----------------|-----------------|---|
|  <p><b>Frame for workstations - 4 columns</b><br/>Color:<br/>- BL: White plate / White frame<br/>- PL: Silver plate / Silver frame<br/>- TT: White plate / Titanium metallic frame<br/>Zenit workstation frames for flush mounting boxes code T1094 and surface mounting boxes code T1194.<br/>4-columns - 8-gang - 2+2+2+2+2+2+2+2 modules.<br/>For 1 or 2 module devices. Also suitable for T10XX devices.<br/>Size (height x width): 176x 295 mm.</p> |                 |                 |   |
| White   | <b>T1174 BL</b> | 2CLA117400T1101 | 1 |
| Silver  | <b>T1174 PL</b> | 2CLA117400T1301 | 1 |


|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  <p><b>Frame for workstations - 5 columns</b><br/>Color:<br/>- BL: White plate / White frame<br/>- PL: Silver plate / Silver frame<br/>- TT: White plate / Titanium metallic frame<br/>Zenit workstation frames for surface mounting boxes code T1195.<br/>5-columns - 10-gang - 2+2+2+2+2+2+2+2+2+2 modules.<br/>For 1 or 2 module devices. Also suitable for T10XX devices.<br/>Size (height x width): 176x 355 mm.</p> |                 |                 |   |
| White  | <b>T1175 BL</b> | 2CLA117500T1101 | 1 |
| Silver   | <b>T1175 PL</b> | 2CLA117500T1301 | 1 |


### Foldable lid


| Color   | Article-No.    | Order-No.       | Pack/Qty |
|---|----------------|-----------------|----------|
|  <p><b>Foldable lid for workstations - Black</b><br/>Foldable lid to cover the devices and cables in a workstation:<br/>- T1173.5: for 3-column workstations.<br/>- T1174.5: for 4-column workstations.<br/>- T1175.5: for 5-column workstations.<br/>This is an optional accessory for surface and flush mounted boxes.</p> |                |                 |          |
| Black   | <b>T1173.5</b> | 2CLA117350T1001 | 1        |
| Black   | <b>T1174.5</b> | 2CLA117450T1001 | 1        |
| Black   | <b>T1175.5</b> | 2CLA117450T1001 | 1        |

## Zenit - workstations



### Floor boxes

| Color   | Article-No.   | Order-No.  | Pack/Qty |
|---|---|------------|----------|
|  | <b>Floor box - 3 columns - 5 mm. hollow lid</b><br>Floor box with 5 mm. deep hollow lid for carpet, linoleum, etc.<br>Protection degree:<br>- IP52 between the box and the floor ensured by loss-proof seal.<br>- IP4x at the rim of the lid.<br>- IP2x at the cable inlet.<br>Resistance of the lid: 1500 N according to DIN VDE 0364.<br>Resistance to chemicals present in the main detergents.<br>Direct installation in technical or raised floor. Installation in traditional floors using the flush mounting metal box code T1393.9.<br>Color: dark gray RAL 7021.<br>Size (height x width x depth): 235 x 300 x 100 mm.<br>Slot size (height x width): 211 x 275 mm.<br>Suitable mounting plates code: T1373 and T1371.4. |            |          |
| Dark gray   | <b>T1393</b>  | M109020000 | 1        |



|   |   |            |   |
|---|---|------------|---|
|  | <b>Floor box - 3 columns - Stainless steel lid</b><br>Floor box with anti-slip square patterned lid with stainless steel finish.<br>Protection degree:<br>- IP52 between the box and the floor ensured by loss-proof seal.<br>- IP4x at the rim of the lid.<br>- IP2x at the cable inlet.<br>Resistance of the lid: 1500 N according to DIN VDE 0364.<br>Resistance to chemicals present in the main detergents.<br>Direct installation in technical or raised floor. Installation in traditional floors using the flush mounting metal box code T1393.9.<br>Color: dark gray RAL 7021.<br>Size (height x width x depth): 235 x 300 x 100 mm.<br>Slot size (height x width): 211 x 275 mm.<br>Suitable mounting plates code: T1373 and T1371.4. |            |   |
| Dark gray   | <b>T1393.1</b>  | M109030000 | 1 |

|   |   |            |   |
|---|---|------------|---|
|  | <b>Flush mounting metal box</b><br>Accessory for the installation of the floor boxes code T1393 and T1393.1 in traditional/concrete floors.<br>Supplied with protection semi-lid and bunkheads for trunkings of 70x30 mm. and of 95x30 mm. and for ø 25 mm and 32 mm. conduits.<br>Size (height x width x depth): 230 x 305 x 105 mm. |            |   |
|   | <b>T1393.9</b>  | M109300000 | 1 |

### Mounting plates for floor box


| Color   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Mounting plate for floor box - 3 columns</b><br>3-column adapter for the installation of Zenit devices and/or T10XX devices in floor boxes code: T1393 and T1393.1.<br>3-columns - 2+2+2+2+2 modules.<br>For 1 or 2 module devices. Also suitable for T10XX devices.<br>Included:<br>- Mounting plates.<br>- Frame.<br>- Screws. |                 |          |
| White   | <b>T1373</b>  | 2CLA137300T1101 | 20       |
|  | <b>Adapter plate for floor box - 4 modules</b><br>4 module adapter plate for the installation of Zenit devices in floor boxes code: T1393 and T1393.1.<br>To be combined with Zenit 4-module mounting plates code N1374.9 and frames code N2374.1.<br>For 1, 2 or 3 module devices.<br>Included: screws.                            |                 |          |
| Dark gray   | <b>T1371.4</b>  | M109190000      | 6        |


### Duplex socket outlets


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Duplex Schuko socket outlet</b><br>Rated voltage: 250 Vac.<br>Rated current: 16A.<br>Type F: 2P + E.<br>Shuttered for child safety.<br>Screw terminals (common terminal for both outlets).<br>Folding system for easy installation.<br>With labeling space.<br>Optional: power indicator LED lamp code: 6192.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>Colors RJ and RP are suitable to identify special circuits.  |                 |   |
| White/White   | <b>T1088 BL</b>  | 2CLA108800T1001 | 5 |
| Silver/Silver   | <b>T1088 PL</b>  | 2CLA108800T1301 | 5 |
| White/Red   | <b>T1088 RJ</b>  | 2CLA108800T7001 | 5 |
| Silver/Red  | <b>T1088 RP</b>  | 2CLA108800T7301 | 5 |
|  | <b>Duplex French/Earth-pin socket outlet</b><br>Rated voltage: 250 Vac.<br>Rated current: 16A.<br>Type E: 2P + E.<br>Shuttered for child safety.<br>Screw terminals (common terminal for both outlets).<br>Folding system for easy installation.<br>With labeling space.<br>Optional: power indicator LED lamp code: 6192.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>Color RJ is suitable to identify special circuits. |                 |   |
| White/White   | <b>T1087 BL</b>  | 2CLA108700T1001 | 5 |
| White/Red   | <b>T1087 RJ</b>  | 2CLA108700T7001 | 5 |


## Zenit - workstations


### Adapters


| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>2-gang plain outlet without shutter</b><br>1-column plain outlet without shutter. 2-gang.<br>With labeling space.<br>Without shutters.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters.<br>Included: 2x 2016 connector adapters. |                 |          |
| White   | <b>T1016.1 BL</b>  | 2CLA101610T1001 | 10       |
| Silver  | <b>T1016.1 PL</b>  | 2CLA101610T1301 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>4-gang plain outlet without shutter</b><br>1-column plain outlet without shutter. 4-gang.<br>With labeling space.<br>Without shutters.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters.<br>Included: 4x 2016 connector adapters. |                 |    |
| White   | <b>T1016.2 BL</b>  | 2CLA101620T1001 | 10 |
| Silver  | <b>T1016.2 PL</b>  | 2CLA101620T1301 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>2-gang plain outlet with shutter</b><br>1-column plain outlet without shutter. 2-gang.<br>With labeling space.<br>With shutters.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters.<br>Included: 2x 2016 connector adapters. |                 |    |
| White   | <b>T1016.3 BL</b>  | 2CLA101630T1001 | 10 |
| Silver  | <b>T1016.3 PL</b>  | 2CLA101630T1301 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>4-gang plain outlet with shutter</b><br>1-column plain outlet without shutter. 4-gang.<br>With labeling space.<br>With shutters.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters.<br>Included: 4x 2016 connector adapters. |                 |    |
| White   | <b>T1016.4 BL</b>  | 2CLA101640T1001 | 10 |
| Silver  | <b>T1016.4 PL</b>  | 2CLA101640T1301 | 10 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>2-gang 45° outlet without shutter</b><br>1-column 45° outlet without shutter. 2-gang.<br>With labeling space.<br>Without shutters.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters.<br>Included: 2x 2016 connector adapters. |                 |   |
| White   | <b>T1016.5 BL</b>  | 2CLA101650T1001 | 5 |
| Silver  | <b>T1016.5 PL</b>  | 2CLA101650T1301 | 5 |

| Color   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>4-gang 45° outlet without shutter</b><br>1-column 45° outlet without shutter. 4-gang.<br>With labeling space.<br>Without shutters.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters.<br>Included: 4x 2016 connector adapters. |                 |          |
| White   | <b>T1016.6 BL</b>  | 2CLA101660T1001 | 5        |
| Silver  | <b>T1016.6 PL</b>  | 2CLA101660T1301 | 5        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>2-gang 45° outlet with shutter</b><br>1-column 45° outlet without shutter. 2-gang.<br>With labeling space.<br>With shutters.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters.<br>Included: 2x 2016 connector adapters. |                 |   |
| White   | <b>T1016.7 BL</b>  | 2CLA101670T1001 | 5 |
| Silver  | <b>T1016.7 PL</b>  | 2CLA101670T1301 | 5 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>4-gang 45° outlet with shutter</b><br>1-column 45° outlet without shutter. 4-gang.<br>With labeling space.<br>With shutters.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.<br>To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters.<br>Included: 4x 2016 connector adapters. |                 |    |
| White   | <b>T1016.8 BL</b>  | 2CLA101680T1001 | 10 |
| Silver  | <b>T1016.8 PL</b>  | 2CLA101680T1301 | 10 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Adapter plate for ABB DIN-rail devices</b><br>1-column adapter ABB System Pro M DIN-rail devices.<br>2 modules.<br>For 1 or 2 module devices.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. |                 |   |
| White   | <b>T1034.1 BL</b>  | 2CLA103410T1001 | 4 |
| Silver  | <b>T1034.1 PL</b>  | 2CLA103410T1301 | 4 |

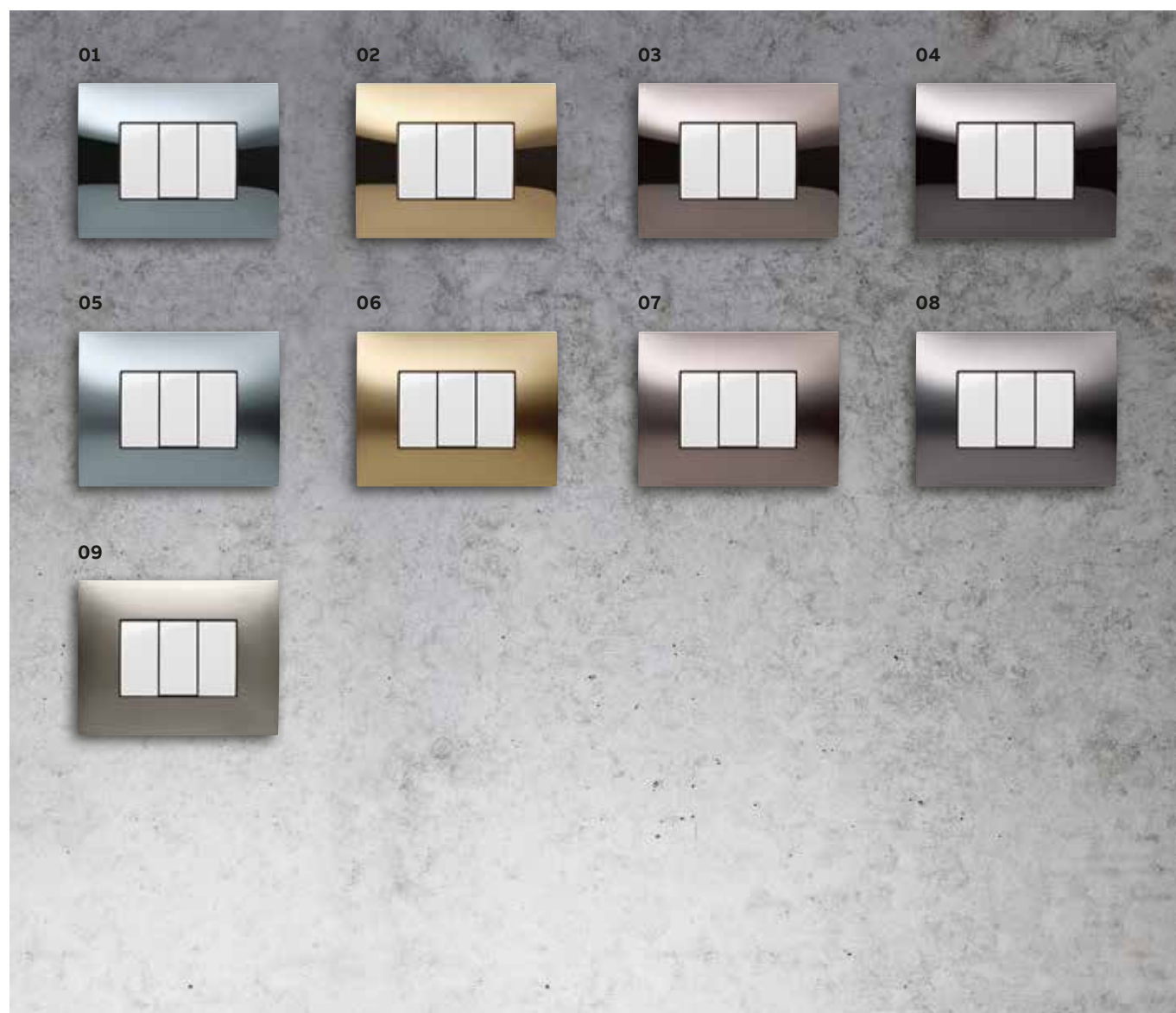
|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Adapter plate for Zenit devices</b><br>1-column adapter plate for Zenit devices.<br>2+2 modules.<br>For 1 or 2 module devices.<br>With labeling space.<br>Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. |                 |    |
|   | <b>T1000</b>  | 2CLA100000T1001 | 10 |



# Chiara

## All the voices of nature

Experiences are more intense when senses are fully engaged. Chiara range focuses on the visual sense with a colour palette inspired by nature, the fruits of the land and by its elements. All this give born to distinct and unique finishes, ideal to be integrated into a variety of environments and to welcome people who live there.



### CHIARA

01 Glossy Chrome  
02 Glossy Gold  
03 Glossy Bronze

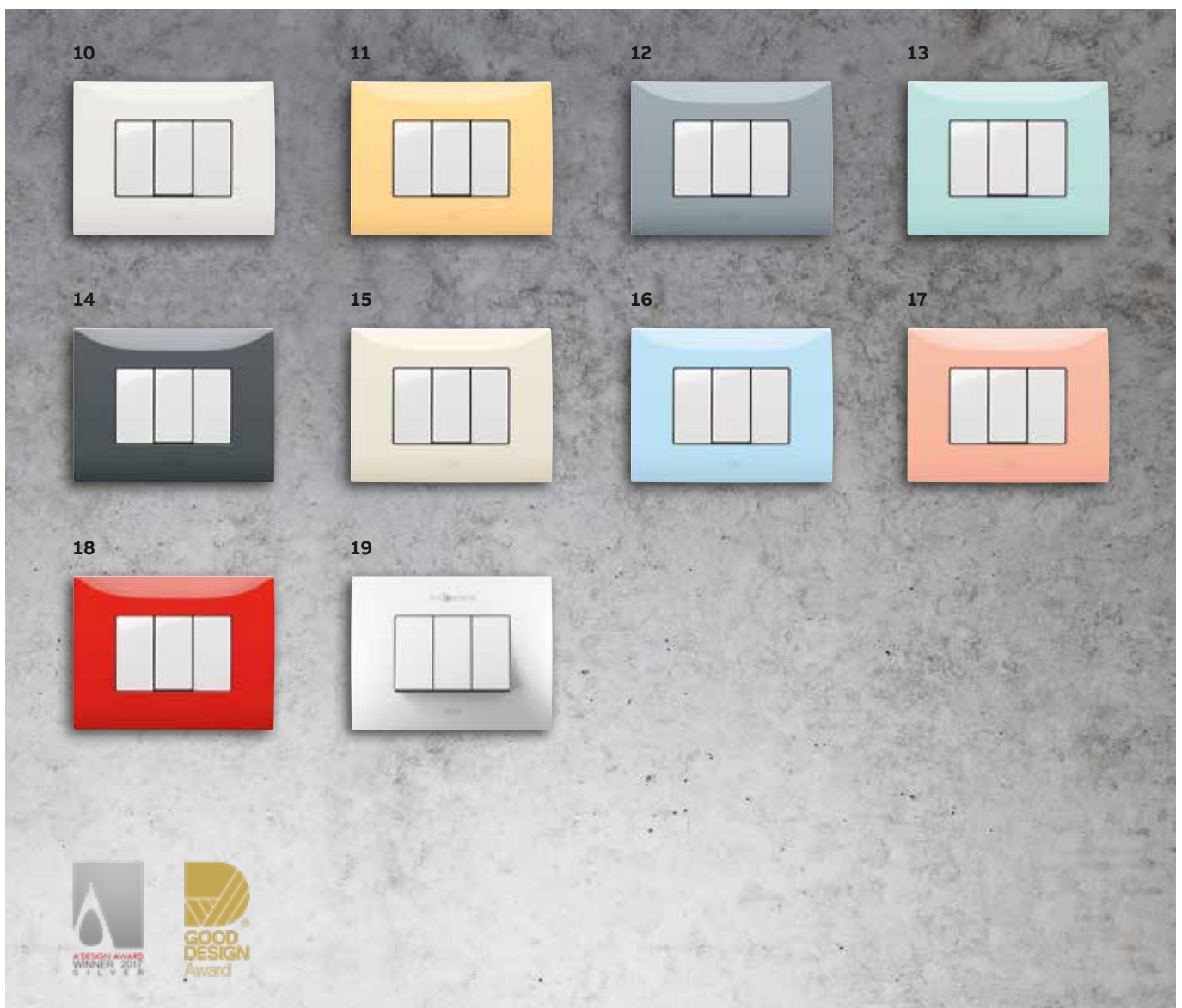
04 Glossy Metal Black  
05 Satin Chrome

06 Satin Gold  
07 Satin Bronze

08 Satin Metal Black  
09 Brushed Steel

# Chiara

All the voices of nature



## CHIARA

10 White

11 Pastel Yellow

12 Stone

13 Pastel Green

14 Volcano

15 Sand

16 Pastel Blue

17 Pastel Orange

18 Fire Red

19 Chiara antibacterial

# Chiara

## Selected functions



### Command devices.

Circuit-breakers, push-buttons, switches, inverters, relays and commutator devices in different versions for configuring functions and control points in the most flexible and suitable manner for any home or office environment. All command devices, except for relays and switches, can be illuminated.



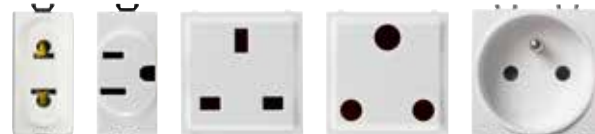
### Protection devices.

These devices trigger in case of overloads, short-circuits and other phenomena that pose a risk to the safety of people and which impair the proper functioning of connected loads; their role is a direct downstream protection without interfering with the power supply of other points of the electrical installation.



### Socket outlets.

10-16A 2P+T socket outlets for 250V lines compliant with Italian and German standards, with safety shutters and side/central ground. P17/11, P30 and P30/17 socket outlets are available also in coloured version for privileged circuits. The Side innovative socket outlet is also available, combining a German standard-based and two Italian bivalent socket outlets.



The range also includes the main socket outlets based on other different standards: EUR-American and American with grounding, for 127V lines; 13A e 16A English and 2P+T French for 250V lines.



### Special socket outlets

Shaver socket outlet, 2.1A USB charger and connectors for telephony applications and data transmission, available in different versions that meet the most used and advanced wiring international standards.



### Signalling devices.

Warning lights to indicate the operating status of the connected devices, bells and buzzers.



# Chiara

## Selected functions



### Safety and comfort equipment.

To optimize the operation of the electrical devices and make the rooms more liveable, the range includes devices for programming, adjustment and timing, such as Chrono thermostats, electronic thermostats, dimmers and IR presence detectors with twilight threshold. Extractable anti-blackout lamps and emergency lamps are available with wide operating autonomy.



### Components for installation.

Blank cover for unused modules and 2, 3, 4, 7 and 7+7 module mounting grids for the installation of Equipment and components inside flush-mounting round and rectangular boxes.

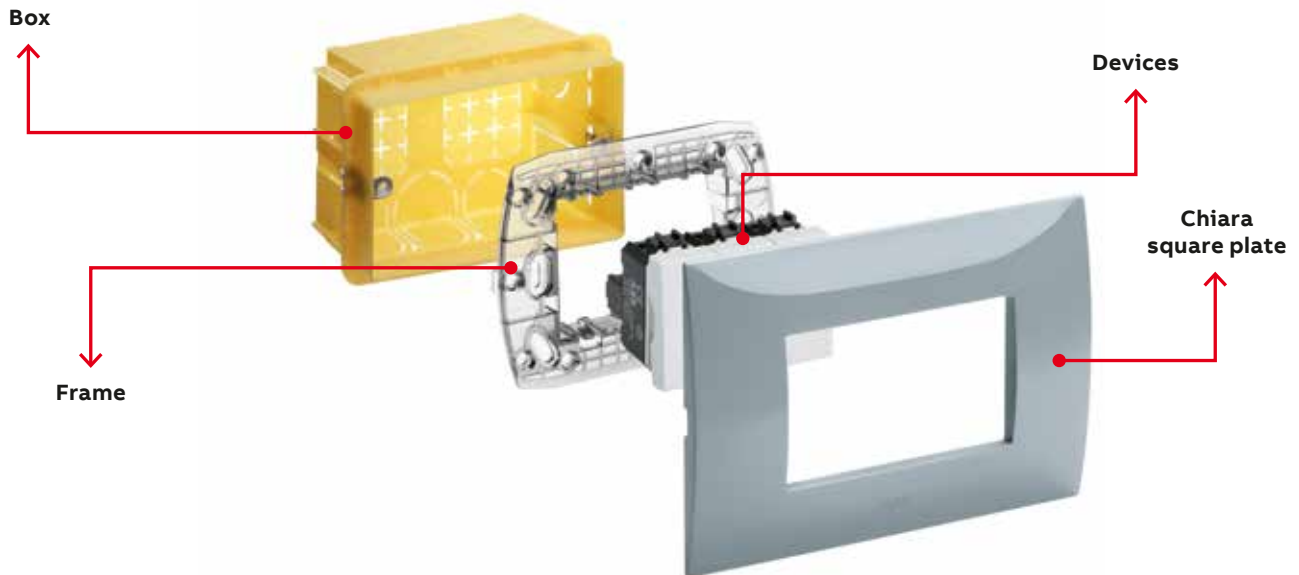


### Other installation solutions.

Products and solutions for secure installation (IP55 covers and IP40/IP55 boxes) are available, as well as adapters for installation on DIN rail or Undernet retractable turret. The self-supporting frames are convenient and flexible solutions for any specific installation solution.

# Chiara

## Installation overview.



### Flexibility is a feature of Chiara.

The composition of the devices is particularly simple: the mounting greed is made of semi-transparent plastic material for easy mounting in the flush-mounted boxes.

On the same mounting greed you can choose either to mount Chiara or Chiara Xite plates.

## Quick installation of devices.



- Frontal installation of the switches on the frame
- Modularity of the switches: 22mm



Switch illumination.

**Specifications of screws and terminals.** The composition of the devices is particularly simple: the frame is made from semi-transparent plastic material for easy mounting in the flush-mounted boxes.

# Chiara

## Installation on concrete walls.



| No. Modules     | Screw distance | Compatible box |
|-----------------|----------------|----------------|
| 2 (with claws)  | -              | ABB 00 050     |
| 2 (with screws) | 60 mm          | ABB 00 050     |
| 3               | 83.5 mm        | ABB 1SL006A00  |
| 4               | 108 mm         | ABB 00 053     |
| 7               | 100 mm         | ABB 1SL0064A00 |

Note: For further information on ABB boxes for concrete walls please refer to the catalog 1SLC001001D0905 - Insulating Enclosures and Installation Materials.

## Protected installation with IP55 wall-mounted enclosures.



IP40 wall-mounted enclosure



IP55 wall-mounted enclosure

| No. Modules               | IP40 enclosure | IP55 enclosure |
|---------------------------|----------------|----------------|
| 1 (on 2-module enclosure) | 2CSK2140CH     | 2CSK2155CH     |
| 2                         | 2CSK2240CH     | 2CSK2255CH     |
| 3                         | 2CSK2340CH     | 2CSK2355CH     |
| 4                         | 2CSK2440CH     | 2CSK2455CH     |

The IP55 cover enclosures allow the direct assembly of devices without the aid of mounting grids.

The devices are inserted from the rear. See technical details on page 5/57. For further information on IP40/IP55 wall-mounted enclosures, please refer to the catalog 1SLC001001D0905 - Insulating Enclosures and Installation Materials.

## Protected installation with IP55 cover.



IP55 wall-mounted cover

| No. Modules  | IP55 cover |
|--|------------|
| 2 (on a square or round box with screws, center distance 60mm) | 2CSK3255CH |
| 3  | 2CSK3355CH |



Note: The IP55 covers provide a self-supporting solution that allows direct assembly of devices without the aid of mounting grids. The devices are inserted from the rear.

## Chiara – Switches



### Switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Single-pole switch</b><br>16A - 250V~                             |                 |          |
|   | <b>2CSK1001CH</b>  | 2CSK200005R1001 |          |
|    | <b>Double-pole switch</b><br>16A - 250V~                             |                 |          |
|   | <b>2CSK1002CH</b>  | 2CSK200015R1002 |          |
|   | <b>Single-pole switch</b><br>16A - 250V~, 2 modules                  |                 |          |
|   | <b>2CSK1004CH</b>  | 2CSK200025R1004 |          |
|  | <b>Double-pole switch</b><br>16A - 250V~, with key control           |                 |          |
|   | <b>2CSK1006CH</b>  | 2CSK215740R1006 |          |
|  | <b>Double-pole switch</b><br>16A - 250V~, with universal key control |                 |          |
|   | <b>2CSK1006CHU</b>   | 2CSK221395R1006 |          |


### Two-way switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Single-pole two-way switch</b><br>16A - 250V~            |                 |          |
|   | <b>2CSK1003CH</b>   | 2CSK200035R1003 |          |
|  | <b>Single-pole two-way switch</b><br>16A - 250V~, 2 modules |                 |          |
|   | <b>2CSK1007CH</b>   | 2CSK200045R1007 |          |



### Intermediate switches

|   |  |                 |  |
|---|--|-----------------|--|
|   | <b>Intermediate switch</b><br>16A - 250V~            |                 |  |
|   | <b>2CSK1010CH</b>                                    | 2CSK200055R1010 |  |
|  | <b>Intermediate switch</b><br>16A - 250V~, 2 modules |                 |  |
|   | <b>2CSK1008CH</b>                                    | 2CSK200065R1008 |  |

### Change-over switch

|   |   |                 |  |
|---|---|-----------------|--|
|  | <b>Change-over switch</b><br>10A - 250V~, 3 positions, with central OFF |                 |  |
|   | <b>2CSK1011CH</b>   | 2CSK200075R1011 |  |

### Relays

|   |  |                 |  |
|---|--|-----------------|--|
|  | <b>Single-pole relay with 230V~ coil</b><br>10A output contact                       |                 |  |
|   | <b>2CSK1012CH</b>  | 2CSK200255R1012 |  |
|  | <b>4 sequence change-over switch relay</b><br>with 230V~ coil, 2 10A output contacts |                 |  |
|   | <b>2CSK1014CH</b>  | 2CSK200265R1014 |  |

Note: The lightable control devices are supplied without lamp

## Chiara – Switches

### Push Switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Single-pole push switches NO</b><br>16A - 250V~                           |                 |          |
|   | <b>2CSK1005CH</b>  | 2CSK200085R1005 |          |
|    | <b>Single-pole push switches NC</b><br>16A - 250V~                           |                 |          |
|   | <b>2CSK1016CH</b>  | 2CSK200095R1016 |          |
|   | <b>One pole push-button</b><br>16AX, 2 Modules                               |                 |          |
|   | <b>2CSK1015CH</b>  | 2CSK228545R1015 |          |
|  | <b>Double single-pole push switches NO+NO</b><br>16A - 250V~                 |                 |          |
|   | <b>2CSK1017CH</b>  | 2CSK200195R1017 |          |
|  | <b>Double single-pole push switches NO+NO</b><br>16A - 250V~, with interlock |                 |          |
|   | <b>2CSK1018CH</b>  | 2CSK200185R1018 |          |
|  | <b>Single-pole push switches 1NO and 1NC</b><br>16A - 250V~, with ON symbol  |                 |          |
|   | <b>2CSK1022CH</b>  | 2CSK200175R1022 |          |
|  | <b>Single-pole push switches 1NO and 1NC</b><br>16A - 250V~, with OFF symbol |                 |          |
|   | <b>2CSK1023CH</b>  | 2CSK200165R1023 |          |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Single-pole push switches NO</b><br>16A - 250V~, with cord pull, with 2.25m cord |                 |          |
|   | <b>2CSK1020CH</b>   | 2CSK200145R1020 |          |
|    | <b>Single-pole push switches NC</b><br>16A - 250V~, with cord pull, with 2.25m cord |                 |          |
|   | <b>2CSK1021CH</b>   | 2CSK200155R1021 |          |
|    | <b>Double-pole push switches NO</b><br>16A - 250V~, with key control                |                 |          |
|   | <b>2CSK1009CH</b>   | 2CSK221405R1009 |          |
|  | <b>Double-pole push switches NO</b><br>16A - 250V~, with universal key control      |                 |          |
|   | <b>2CSK1009CHU</b>  | 2CSK221415R1009 |          |

## Chiara – Switches






### Special push switch

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Single-pole push switches NO</b><br>16A - 250V~, with BELL symbol                            |                 |          |
|   | <b>2CSK1028CH</b>   | 2CSK200105R1028 |          |
|    | <b>Single-pole push switches NO</b><br>16A - 250V~, with KEY symbol                             |                 |          |
|   | <b>2CSK1029CH</b>   | 2CSK200225R1029 |          |
|   | <b>Single-pole push switches NO</b><br>16A - 250V~, with STAIR LIGHT symbol                     |                 |          |
|   | <b>2CSK1030CH</b>   | 2CSK200115R1030 |          |
|  | <b>Single-pole push switches NO</b><br>16A - 250V~, with red diffuser                           |                 |          |
|   | <b>2CSK1024CH</b>   | 2CSK200215R1024 |          |
|  | <b>Single-pole push switches NO</b><br>16A - 250V~, with red diffuser and DO NOT DISTURB symbol |                 |          |
|   | <b>2CSK1034CH</b>   | 2CSK231175R1034 |          |
|  | <b>Single-pole push switches NO</b><br>x 16A - 250V~, with green diffuser                       |                 |          |
|   | <b>2CSK1025CH</b>   | 2CSK200205R1025 |          |
|  | <b>Single-pole push switches NO</b><br>16A - 250V~, with green diffuser and MAKE UP ROOM symbol |                 |          |
|   | <b>2CSK1035CH</b>   | 2CSK231185R1035 |          |






| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Single-pole push switches NO</b><br>16A - 250V~, with orange diffuser                       |                 |          |
|   | <b>2CSK1026CH</b>  | 2CSK200135R1026 |          |
|    | <b>Single-pole push switches NO</b><br>16A - 250V~, with white diffuser, 1 module              |                 |          |
|   | <b>2CSK1027CH</b>  | 2CSK200125R1027 |          |
|   | <b>Single-pole push switches NO</b><br>16A - 250V~, with backlit label holder plate, 2 modules |                 |          |
|   | <b>2CSK1031CH</b>  | 2CSK200235R1031 |          |
|  | <b>Single-pole push switches NO</b><br>16A - 250V~, with backlit label holder plate, 3 modules |                 |          |
|   | <b>2CSK1032CH</b>  | 2CSK203145R1032 |          |

## Chiara – Socket outlets

Italian standard socket outlets  
with safety shutters


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>2P+E socket outlet</b><br>10A - 250V~, P11 type   |                 |          |
|   | <b>2CSK1101C</b>   | 2CSK200275R1101 |          |
|    | <b>2P+E socket outlet</b><br>10/16A - 250V~, P17/P11 type                                    |                 |          |
|   | <b>2CSK1103CH</b>  | 2CSK200295R1103 |          |
|   | <b>2P+E socket outlets</b><br>10/16A - 250V~, P17/P11 type, coloured for privileged circuits |                 |          |
|   | <b>2CSK1104CH</b>  | 2CSK200325R1104 |          |
|  | <b>2P+E socket outlets</b><br>10/16A - 250V~, P17/P11 type, coloured for privileged circuits |                 |          |
|   | <b>2CSK1105CH</b>  | 2CSK200345R1105 |          |
|  | <b>2P+E socket outlets</b><br>10/16A - 250V~, P17/P11 type, coloured for privileged circuits |                 |          |
|   | <b>2CSK1106CH</b>  | 2CSK200335R1106 |          |

Italian/German standard socket outlets  
with safety shutters


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>2P+E socket outlet</b><br>16A - 250V~, P30 type                                       |                 |          |
|   | <b>2CSK1108CH</b>  | 2CSK200305R1108 |          |
|    | <b>2P+E socket outlets</b><br>16A - 250V~, P30 type, coloured for privileged circuits    |                 |          |
|   | <b>2CSK1114CH</b>  | 2CSK200355R1114 |          |
|   | <b>2P+E socket outlets</b><br>16A - 250V~, P30 type, coloured for privileged circuits    |                 |          |
|   | <b>2CSK1115CH</b>  | 2CSK200365R1115 |          |
|  | <b>2P+E socket outlets</b><br>16A - 250V~, P30 type, coloured for privileged circuits    |                 |          |
|   | <b>2CSK1116CH</b>  | 2CSK200375R1116 |          |
|  | <b>2P+E socket outlet</b><br>16A - 250V~, P30/17 type                                    |                 |          |
|   | <b>2CSK1109CH</b>  | 2CSK200315R1109 |          |
|  | <b>2P+E socket outlets</b><br>16A - 250V~, P30/17 type, coloured for privileged circuits |                 |          |
|   | <b>2CSK1110CH</b>  | 2CSK200385R1110 |          |
|  | <b>2P+E socket outlets</b><br>16A - 250V~, P30/17 type, coloured for privileged circuits |                 |          |
|   | <b>2CSK1111CH</b>  | 2CSK200405R1111 |          |

## Chiara – Socket outlets



Italian/German standard socket outlets with safety shutters

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>2P+E socket outlets</b><br>16A - 250V~, P30/17 type, coloured for privileged circuits |                 |          |
|   | <b>2CSK1112CH</b>  | 2CSK200395R1112 |          |

### French socket outlet

|   |  |                 |  |
|---|--|-----------------|--|
|  | <b>2P+E socket outlet</b><br>16A - French standard |                 |  |
|   | <b>2CSK1144CH</b>                                  | 2CSK229365R1144 |  |


### British socket outlets


|   |  |                 |  |
|---|--|-----------------|--|
|  | <b>2P+E socket outlet</b><br>13A - UK standard |                 |  |
|   | <b>2CSK1134CH</b>                              | 2CSK228805R1134 |  |
|  | <b>2P+E socket outlet</b><br>16A - UK standard |                 |  |
|   | <b>2CSK1164CH</b>                              | 2CSK228815R1164 |  |


### American and Euro-American socket outlets

|   |   |                 |  |
|---|---|-----------------|--|
|  | <b>2P+E socket outlet</b><br>15A - 127V~ - US standard        |                 |  |
|   | <b>2CSK1145CH</b>   | 2CSK228335R1145 |  |
|  | <b>2P socket outlet</b><br>16A - Euro-American standard       |                 |  |
|   | <b>2CSK1146CH</b>   | 2CSK229355R1146 |  |
|  | <b>Double 2P+E socket outlet</b><br>15A - 127V~ - US standard |                 |  |
|   | <b>2CSK1147CH</b>   | 2CSK226182R1147 |  |


Interlocked socket outlets with automatic MCB and automatic RCD


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>2P+E socket outlet</b><br>16A - 250V, interlocked with MCB, P17/11 |                 |          |
|   | <b>2CSK1324CH</b>   | 2CSK206475R1324 |          |

|   |  |                 |  |
|---|--|-----------------|--|
|  | <b>2P+E socket outlet</b><br>16A - 250V, interlocked with MCB, P30 |                 |  |
|   | <b>2CSK1325CH</b>  | 2CSK206485R1325 |  |

|  |  |                 |  |
|--|--|-----------------|--|
|  | <b>2P+E socket outlet</b><br>16A - 250V, with RCD 10mA, P17/11 |                 |  |
|  | <b>2CSK1326CH</b>  | 2CSK206495R1326 |  |

### Special socket outlets

|   |  |                 |  |
|---|--|-----------------|--|
|  | <b>2P shaver socket with insulating transformer</b><br>Power supply<br>230V~ - 50/60Hz<br>Output voltage 125V~ (American standard 2P socket) or 230V~ (2P socket outlet, P11 type) |                 |  |
|   | <b>2CSK1113CH</b>  | 2CSK200415R1113 |  |

|   |  |                 |  |
|---|--|-----------------|--|
|  | <b>Flush-mounted USB charging unit</b><br>max 2.1A with type A male connector,<br>230V~ power supply, 50 / 60Hz, 5V DC<br>output voltage |                 |  |
|   | <b>2CSK1162CH</b>  | 2CSK235403R1162 |  |






|   |   |                 |  |
|---|---|-----------------|--|
|  | <b>Side socket outlet</b><br>(1 Schuko + 2 Italian socket outlets), 1 x 2P+E 16A<br>+ 2 x 2P+E 10/16A |                 |  |
|   | <b>2CSK1193CH</b>   | 2CSK231295R1193 |  |



## Chiara – Socket outlets

### TV/SAT socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>TV coaxial socket outlet</b><br>direct, male IEC connector $\varnothing$ 9.5 mm,<br>insulated type                         |                 |          |
|   | <b>2CSK1117CH</b>   | 2CSK200495R1117 |          |
|    | <b>TV/SAT coaxial socket outlet</b><br>direct, male IEC connector $\varnothing$ 9.5 mm, with feedthrough<br>of direct current |                 |          |
|   | <b>2CSK1118CH</b>   | 2CSK200505R1118 |          |
|   | <b>TV/SAT coaxial socket outlet</b><br>feedthrough, male IEC connector $\varnothing$ 9.5 mm,<br>attenuation 7dB               |                 |          |
|   | <b>2CSK1132CH</b>   | 2CSK203155R1132 |          |
|  | <b>TV/SAT coaxial socket outlet</b><br>feedthrough, male IEC connector $\varnothing$ 9.5 mm, attenuation<br>10dB              |                 |          |
|   | <b>2CSK1136CH</b>   | 2CSK203175R1136 |          |
|  | <b>TV/SAT coaxial socket outlet</b><br>feedthrough, male IEC connector $\varnothing$ 9.5 mm, attenuation<br>14dB              |                 |          |
|   | <b>2CSK1137CH</b>   | 2CSK204095R1137 |          |
|  | <b>TV/SAT coaxial socket outlet</b><br>feedthrough, male IEC connector $\varnothing$ 9.5 mm, attenuation<br>18dB              |                 |          |
|   | <b>2CSK1138CH</b>   | 2CSK203185R1138 |          |
|  | <b>TV/SAT coaxial socket outlet</b><br>direct, female F connector, with feed-through<br>of direct current                     |                 |          |
|   | <b>2CSK1119CH</b>   | 2CSK200515R1119 |          |








| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Double demixed TV/SAT coaxial socket outlet</b><br>direct, male IEC connector $\varnothing$ 9.5 mm and female F<br>connector                        |                 |          |
|   | <b>2CSK1133CH</b>  | 2CSK203165R1133 |          |
|    | <b>Double demixed TV/SAT coaxial socket outlet</b><br>feedthrough, male IEC connector $\varnothing$ 9.5 mm and female F<br>connector, attenuation 7dB  |                 |          |
|   | <b>2CSK1120CH</b>  | 2CSK200525R1120 |          |
|    | <b>Double demixed TV/SAT coaxial socket outlet</b><br>feedthrough, male IEC connector $\varnothing$ 9.5 mm and female F<br>connector, attenuation 10dB |                 |          |
|   | <b>2CSK1130CH</b>  | 2CSK200535R1130 |          |
|  | <b>Double demixed TV/SAT coaxial socket outlet</b><br>feedthrough, male IEC connector $\varnothing$ 9.5 mm and female F<br>connector, attenuation 14dB |                 |          |
|   | <b>2CSK1131CH</b>  | 2CSK200545R1131 |          |
|  | <b>Double demixed TV/SAT coaxial socket outlet</b><br>feedthrough, male IEC connector $\varnothing$ 9.5 mm and female F<br>connector, attenuation 18dB |                 |          |
|   | <b>2CSK1139CH</b>  | 2CSK203195R1139 |          |

## Chiara – Socket outlets, Protection devices

Network and telephone socket outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>RJ11 telephone connector</b>                    |                 |          |
|   | <b>2CSK1121CH</b>                                  | 2CSK200425R1121 |          |
|    | <b>RJ12 telephone connector</b>                    |                 |          |
|   | <b>2CSK1122CH</b>                                  | 2CSK200435R1122 |          |
|   | <b>RJ45 connector</b><br>Cat. 5e, UTP (unshielded) |                 |          |
|   | <b>2CSK1124CH</b>                                  | 2CSK200445R1124 |          |
|  | <b>RJ45 connector</b><br>Cat. 5e, FTP (shielded)   |                 |          |
|   | <b>2CSK1125CH</b>                                  | 2CSK200455R1125 |          |
|  | <b>RJ45 connector</b><br>Cat. 6, UTP (unshielded)  |                 |          |
|   | <b>2CSK1127CH</b>                                  | 2CSK200475R1127 |          |
|  | <b>RJ45 connector</b><br>Cat. 6, FTP (shielded)    |                 |          |
|   | <b>2CSK1128CH</b>                                  | 2CSK200465R1128 |          |
|  | <b>Adapter for RJ45 connector</b><br>Keystone type |                 |          |
|   | <b>2CSK1135CH</b>                                  | 2CSK200485R1135 |          |

Fuse holders, overvoltage limiters

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Fuse holder</b><br>for fuses Ø5x20 / Ø6.3x32 mm, max. 16A      |                 |          |
|   | <b>2CSK1301CH</b>   | 2CSK200635R1301 |          |
|    | <b>Overvoltage limiter</b><br>75J, 230V~                          |                 |          |
|   | <b>2CSK1315CH</b>   | 2CSK221425R1315 |          |
|   | <b>Spare protection for overvoltage limiter</b>                   |                 |          |
|   | <b>2CSY1302MY</b>   | 2CSY221255R1302 |          |
| <b>Miniature circuit-breakers and Residual current circuit-breakers</b>             |   |                 |          |
|  | <b>Automatic MCB</b><br>1P+N, C6, breaking capacity 1.5kA         |                 |          |
|   | <b>2CSK1304CH</b>   | 2CSK200655R1304 |          |
|  | <b>Automatic MCB</b><br>1P+N, C10, breaking capacity 3kA          |                 |          |
|   | <b>2CSK1305CH</b>   | 2CSK200665R1305 |          |
|  | <b>Automatic MCB</b><br>1P+N, C16, breaking capacity 3kA          |                 |          |
|   | <b>2CSK1306CH</b>   | 2CSK200675R1306 |          |
|  | <b>Automatic RCD</b><br>1P+N, C6 - 10 mA, breaking capacity 1.5kA |                 |          |
|   | <b>2CSK1307CH</b>   | 2CSK200685R1307 |          |

## Chiara – Protection devices, Signalling devices

Miniature circuit-breakers and  
Residual current circuit-breakers





Light signals

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Automatic RCD</b><br>1P+N, C10 - 10 mA, breaking capacity 3kA  |                 |          |
|   | <b>2CSK1308CH</b>   | 2CSK200695R1308 |          |
|    | <b>Automatic RCD</b><br>1P+N, C16 - 10 mA, breaking capacity 3kA  |                 |          |
|   | <b>2CSK1309CH</b>   | 2CSK200705R1309 |          |
|   | <b>Automatic RCD</b><br>1P+N, C6 - 30 mA, breaking capacity 1.5kA |                 |          |
|   | <b>2CSK1328CH</b>   | 2CSK213425R1328 |          |
|  | <b>Automatic RCD</b><br>1P+N, C10 - 30 mA, breaking capacity 3kA  |                 |          |
|   | <b>2CSK1329CH</b>   | 2CSK213435R1329 |          |
|  | <b>Automatic RCD</b><br>1P+N, C16 - 30 mA, breaking capacity 3kA  |                 |          |
|   | <b>2CSK1330CH</b>   | 2CSK213445R1330 |          |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Orange warning light</b><br>(supplied without lamp) |                 |          |
|   | <b>2CSK1310CH</b>                                      | 2CSK200605R1310 |          |
|    | <b>White warning light</b><br>(supplied without lamp)  |                 |          |
|   | <b>2CSK1311CH</b>                                      | 2CSK200625R1311 |          |
|   | <b>Red warning light</b><br>(supplied without lamp)    |                 |          |
|   | <b>2CSK1312CH</b>                                      | 2CSK200595R1312 |          |
|  | <b>Green warning light</b><br>(supplied without lamp)  |                 |          |
|   | <b>2CSK1313CH</b>                                      | 2CSK200615R1313 |          |

## Chiara – Signalling devices, Safety and comfort devices

### Bells and buzzers



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Electro-mechanical bell</b><br>12V, power 5VA, sound intensity 80dB    |                 |          |
|   | <b>2CSK1317CH</b>   | 2CSK200555R1317 |          |
|    | <b>Electro-mechanical bell</b><br>230V, power 8VA, sound intensity 80dB   |                 |          |
|   | <b>2CSK1318CH</b>   | 2CSK200565R1318 |          |
|   | <b>Electro-mechanical buzzer</b><br>12V, power 5VA, sound intensity 70dB  |                 |          |
|   | <b>2CSK1321CH</b>   | 2CSK200575R1321 |          |
|  | <b>Electro-mechanical buzzer</b><br>230V, power 8VA, sound intensity 70dB |                 |          |
|   | <b>2CSK1322CH</b>   | 2CSK200585R1322 |          |

### Time-programmed thermostats and thermostats






| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Summer/winter electronic time-programmed thermostat with 4 temperature levels</b><br>relay output, 1 NO/NC change-over contact 8A (AC1)/2A (AC15) - Power supply 230V~ 50/60Hz |                 |          |
|   | <b>2CSK2201CH</b>   | 2CSK200765R2201 |          |
|    | <b>Summer/winter electronic thermostat</b><br>relay output, 1 NO contact 8A (AC1)/2A (AC15) - Power supply 230V~ 50/60Hz  |                 |          |
|   | <b>2CSK1202CH</b>   | 2CSK200755R1202 |          |
| <b>Dimmer</b>   |   |                 |          |
|   | <b>Electronic dimmer</b><br>with rotary control for resistive loads 100-500W, 230V~ 50/60Hz   |                 |          |
|   | <b>2CSK1205CH</b>   | 2CSK200715R1205 |          |
|  | <b>Electronic dimmer</b><br>with rotary control and with two-way switch for resistive loads 100-500W, 230V~ - 50/60Hz   |                 |          |
|   | <b>2CSK1204CH</b>   | 2CSK200735R1204 |          |
|  | <b>Electronic dimmer</b><br>with pushbutton control for resistive and inductive loads 60-500W, (60-500VA) 230V~ - 50/60Hz   |                 |          |
|   | <b>2CSK1207CH</b>   | 2CSK200725R1207 |          |

## Chiara – Safety and comfort devices


### Gas detectors

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Electronic natural gas detector</b><br/>with acoustic and light signal, relay output, 1 NO/NC change-over contact 6A (AC1)/2A (AC15) - 250V~. Power supply 230V~ - 50Hz. Equipped with dedicated frame for installation on type 503 box</p> | <b>2CSK1210CH</b> | 2CSK225295R1210 |          |
|  <p><b>Electronic LPG gas detector</b><br/>with acoustic and light signal, relay output, 1 NO/NC change-over contact 6A (AC1)/2A (AC15) - 250V~. Power supply 230V~ - 50Hz. Equipped with dedicated frame for installation on type 503 box</p>     | <b>2CSK1211CH</b> | 2CSK225305R1211 |          |

### Emergency lighting



|   |                   |                 |  |
|---|-------------------|-----------------|--|
|  <p><b>Removable anti-blackout light, 230V~</b><br/>Charge reserve 4.5 h and recharge time 10-20h. To be combined with 230V~ socket outlets; particularly recommended for codes 2CSK1108CH and 2CSK1109CH</p>   | <b>2CSK1214CH</b> | 2CSK203205R1214 |  |
|  <p><b>LED light for emergency lighting or steplight</b><br/>Charge reserve up to 2h and recharge time 48h. Power supply 230V~ - 50/60Hz.</p>  | <b>2CSK1235CH</b> | 2CSK218932R1235 |  |
|  <p><b>2-module pluggable blackout lamp</b><br/>Charge reserve up to 2h and recharge time 48h. Power supply 230V~ - 50/60Hz. It turns on to enlightening areas where it is installed if a blackout occurs. The lamp can be unplugged and used as a portable torch.</p> | <b>2CSK1236CH</b> | 2CSK218782R1236 |  |
|  <p><b>Universal badge switch with location light</b><br/>Relay output with NO contact 10A (AC1). Power supply 230V~ 50/60Hz</p>   | <b>2CSK1426CH</b> | 2CSK223155R1426 |  |
|  <p><b>IR motion detector</b><br/>with twilight sensor for control and adjustment of the operation time of lighting devices. Relay output NO 5A (AC1)/2A (AC15) - 250V~. Power supply 230V~ - 50/60Hz</p>  | <b>2CSK1226CH</b> | 2CSK235321R1226 |  |

### Other devices

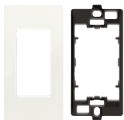

| Product   | Article-No.       | Order-No.       | Pack/Qty |
|---|-------------------|-----------------|----------|
|  <p><b>Universal badge switch</b><br/>3M</p> | <b>2CSK1427CH</b> | 2CSK228275R1427 |          |

## Chiara – Components for installation







### Blank covers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blank cover</b><br>1 module  |                 |          |
|   | <b>2CSK1601CH</b>   | 2CSK200785R1601 |          |
|  | <b>Blank cover</b><br>1 module, with hole for cable outlet $\varnothing$ 12.5mm |                 |          |
|   | <b>2CSK1606CH</b>   | 2CSK200795R1606 |          |


### 1-module enclosures

|   |  |                 |  |
|---|--|-----------------|--|
|   | <b>1-module frame and 1-module mounting grid</b> |                 |  |
|   | <b>2CSK3102CH</b>                                | 2CSK229375R3102 |  |
|  | <b>1-module frame with housing</b>               |                 |  |
|   | <b>2CSK3101CH</b>                                | 2CSK228345R3101 |  |

### Mounting grids

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>2-modules mounting grid</b><br>with latching claws for round box  |                 |          |
|   | <b>2CSK1612CH</b>  | 2CSK203245R1612 |          |
|    | <b>2-modules mounting grid</b><br>with screws for rectangular or round box with screws<br>(center distance 60mm) |                 |          |
|   | <b>2CSK1602CH</b>  | 2CSK200815R1602 |          |
|   | <b>3-modules mounting grid</b><br>for rectangular box (center distance 83.5 mm)                                  |                 |          |
|   | <b>2CSK1603CH</b>  | 2CSK200825R1603 |          |
|  | <b>4-modules mounting grid</b><br>for rectangular box (center distance 108 mm)                                   |                 |          |
|   | <b>2CSK1604CH</b>  | 2CSK200835R1604 |          |
|  | <b>7-modules mounting grid</b><br>for rectangular box (center distance 100 mm)                                   |                 |          |
|   | <b>2CSK1607CH</b>  | 2CSK200845R1607 |          |
|  | <b>7+7-modules mounting grid</b>   |                 |          |
|   | <b>2CSK1614CH</b>  | 2CSK228265R1614 |          |

### Accessories

|   |   |                 |  |
|---|---|-----------------|--|
|  | <b>LED lamp</b><br>230V, cable length 100 mm.<br>To be used in combination with<br>illuminable switches |                 |  |
|   | <b>2CSK1616CH</b>   | 2CSK259192R1616 |  |

## Chiara

### Other installation solutions

#### Self-supporting frames



| No. modules        | 2   | 3          | 4          |
|--------------------|---|------------|------------|
| Product type       | 2CSK1621CH                                  | 2CSK1631CH | 2CSK1641CH |
| Packing/ No. items | 1/12  | 1/12       | 1/12       |
|                    | Module self-supporting frame, white RAL9016 |            |            |



| No. modules        | 2  | 3          | 4          |
|--------------------|--|------------|------------|
| Product type       | 2CSK1622CH                                 | 2CSK1632CH | 2CSK1642CH |
| Packing/ No. items | 1/12                                       | 1/12       | 1/12       |
|                    | Module self-supporting frame, grey RAL7035 |            |            |



| No. modules        | 2  | 3          | 4          |
|--------------------|--|------------|------------|
| Product type       | 2CSK1623CH                                       | 2CSK1633CH | 2CSK1643CH |
| Packing/ No. items | 1/12   | 1/12       | 1/12       |
|                    | Module self-supporting frame, slate grey RAL7021 |            |            |

## Chiara

### Other installation solutions

#### Self-supporting frames



| No. modules        | 2   | 3          | 4          |
|--------------------|---|------------|------------|
| Product type       | 2CSK1624CH                                  | 2CSK1634CH | 2CSK1644CH |
| Packing/ No. items | 1/12  | 1/12       | 1/12       |
|                    | Module self-supporting frame, brown RAL8014 |            |            |

#### Undernet towers and adapters



| Description  | Code  | Packing/ No. items |
|--|-------|--------------------|
| Undernet tower, 16 contact blocks with hollow cover - 300x310          | 10900 | 1/1                |
| Undernet tower, 16 contact blocks with stainless steel cover - 300x310 | 10901 | 1/1                |
| Undernet tower, 10 contact blocks with hollow cover - 300x235          | 10902 | 1/1                |
| Undernet tower, 10 contact blocks with stainless steel cover - 300x235 | 10903 | 1/1                |



| Description   | Code       | Packing/ No. items |
|---|------------|--------------------|
| 5 contact blocks support for Undernet tower 10900 - 10901 | 2CSK1625CH | 1/12               |
| 6 contact blocks support for Undernet tower 10902 - 10903 | 2CSK1626CH | 1/12               |

#### DIN-rail adapter 1-2-3 modules



| Description                                     | Code       | Packing/ No. items |
|---|------------|--------------------|
| DIN-rail adapter for 1-2-3 modules, versionable | 2CSK1608CH | 1/6                |



## Chiara

### Wall-mounted enclosures and flush-mounted IP55 covers

#### IP40 wall-mounted enclosures



|                            |                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <b>Product type</b>        | 2CSK2140CH                 | 2CSK2240CH                 | 2CSK2340CH                 | 2CSK2440CH                 |
| <b>Packing / No. items</b> | 10/40                      | 10/40                      | 10/30                      | 10/20                      |
|                            | 1-space enclosure,<br>IP40 | 2-space enclosure,<br>IP40 | 3-space enclosure,<br>IP40 | 4-space enclosure,<br>IP40 |

#### IP55 wall-mounted enclosures



|                            |                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <b>Product type</b>        | 2CSK2155CH                 | 2CSK2255CH                 | 2CSK2355CH                 | 2CSK2455CH                 |
| <b>Packing / No. items</b> | 10/40                      | 10/40                      | 8/24                       | 8/16                       |
|                            | 1-space enclosure,<br>IP55 | 2-space enclosure,<br>IP55 | 3-space enclosure,<br>IP55 | 4-space enclosure,<br>IP55 |

#### IP55 flush-mounted covers

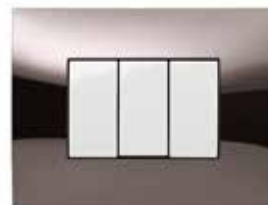
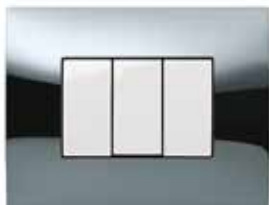


|                            |                                |                                |
|----------------------------|--------------------------------|--------------------------------|
| <b>Product type</b>        | 2CSK3255CH                     | 2CSK3355CH                     |
| <b>Packing / No. items</b> | 1/40                           | 1/40                           |
|                            | IP 55 2-module<br>frame, white | IP 55 3-module<br>frame, white |

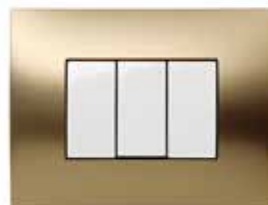
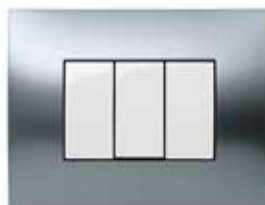
# Chiara

Order codes

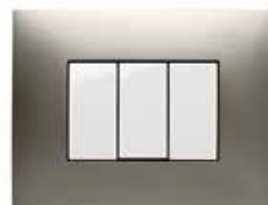
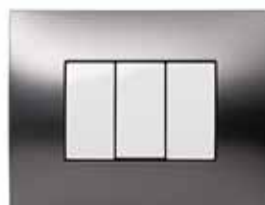
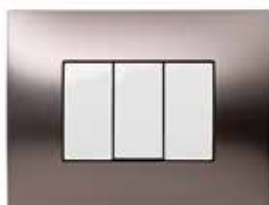
**Metallic frames with glossy and satin finish** - Reference standard: CEI 23-9 (EN 60669-1)



|                  |               |             |               |
|------------------|---------------|-------------|---------------|
| <b>2 Modules</b> | 2CSK0215CH    | 2CSK0253CH  | 2CSK0251CH    |
| <b>3 Modules</b> | 2CSK0315CH    | 2CSK0353CH  | 2CSK0351CH    |
| <b>4 Modules</b> | 2CSK0415CH    | 2CSK0453CH  | 2CSK0451CH    |
| <b>7 Modules</b> | 2CSK0715CH    | 2CSK0753CH  | 2CSK0751CH    |
|                  | Glossy Chrome | Glossy Gold | Glossy Bronze |



|                  |                    |              |            |
|------------------|--------------------|--------------|------------|
| <b>2 Modules</b> | 2CSK0217CH         | 2CSK0216CH   | 2CSK0254CH |
| <b>3 Modules</b> | 2CSK0317CH         | 2CSK0316CH   | 2CSK0354CH |
| <b>4 Modules</b> | 2CSK0417CH         | 2CSK0416CH   | 2CSK0454CH |
| <b>7 Modules</b> | 2CSK0717CH         | 2CSK0716CH   | 2CSK0754CH |
|                  | Glossy Metal Black | Satin Chrome | Satin Gold |



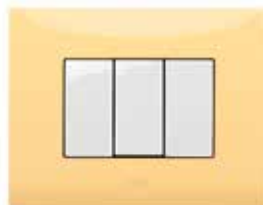
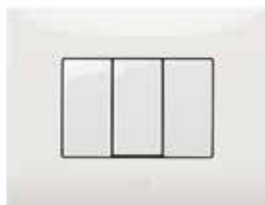
|                  |              |                   |               |
|------------------|--------------|-------------------|---------------|
| <b>2 Modules</b> | 2CSK0252CH   | 2CSK0218CH        | 2CSK0219CH    |
| <b>3 Modules</b> | 2CSK0352CH   | 2CSK0318CH        | 2CSK0319CH    |
| <b>4 Modules</b> | 2CSK0452CH   | 2CSK0418CH        | 2CSK0419CH    |
| <b>7 Modules</b> | 2CSK0752CH   | 2CSK0718CH        | 2CSK0719CH    |
|                  | Satin Bronze | Satin Metal Black | Brushed Steel |

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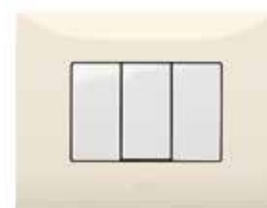
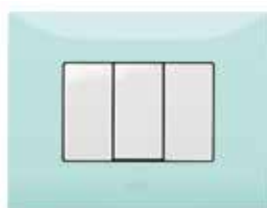
## Chiara

### Order codes

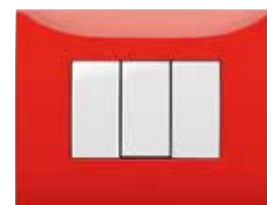
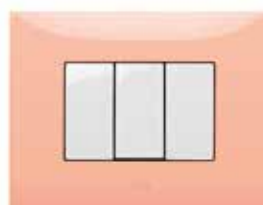
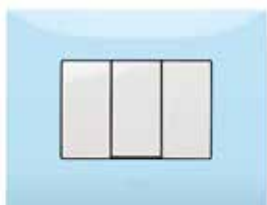
#### Technopolymer frames - Reference standard: CEI 23-9 (EN 60669-1)



|                            |                 |               |            |
|----------------------------|-----------------|---------------|------------|
| <b>2 Modules</b>           | 2CSK0201CH      | 2CSK0211CH    | 2CSK0203CH |
| <b>3 Modules</b>           | 2CSK0301CH      | 2CSK0311CH    | 2CSK0303CH |
| <b>4 Modules</b>           | 2CSK0401CH      | 2CSK0411CH    | 2CSK0403CH |
| <b>7 Modules</b>           | 2CSK0701CH      | 2CSK0711CH    | 2CSK0703CH |
| <b>7+7 Modules</b>         | 2CSK1401CH      | -             | -          |
| <b>1 Module central</b>    | 2CSK207501R0300 | -             | -          |
| <b>2 Modules separated</b> | 2CSK207491R0310 | -             | -          |
| <b>3 Modules blind</b>     | 2CSK207481R0320 | -             | -          |
|                            | White           | Pastel Yellow | Stone      |



|                  |              |            |            |
|------------------|--------------|------------|------------|
| <b>2 Modules</b> | 2CSK0213CH   | 2CSK0204CH | 2CSK0202CH |
| <b>3 Modules</b> | 2CSK0313CH   | 2CSK0304CH | 2CSK0302CH |
| <b>4 Modules</b> | 2CSK0413CH   | 2CSK0404CH | 2CSK0402CH |
| <b>7 Modules</b> | 2CSK0713CH   | 2CSK0704CH | 2CSK0702CH |
|                  | Pastel Green | Volcano    | Sand       |

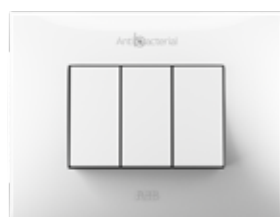


|                  |             |               |            |
|------------------|-------------|---------------|------------|
| <b>2 Modules</b> | 2CSK0214CH  | 2CSK0212CH    | 2CSK0205CH |
| <b>3 Modules</b> | 2CSK0314CH  | 2CSK0312CH    | 2CSK0305CH |
| <b>4 Modules</b> | 2CSK0414CH  | 2CSK0412CH    | 2CSK0405CH |
| <b>7 Modules</b> | 2CSK0714CH  | 2CSK0712CH    | 2CSK0705CH |
|                  | Pastel Blue | Pastel Orange | Fire Red   |

# Chiara Antibacterial

## The new solution for healthcare environments

Hospitals, clinics, laboratories and healthcare environments must guarantee maximum hygiene with a high level of safety and protection against bacterial growth for patients, visitors and medical staff. To enhance cleaner healthcare environments, ABB introduces Chiara Antibacterial, a sub-range of conventional wiring accessories of the Chiara switch assortment with antibacterial additive and technopolymer material (ABS/PC)






|                            |                 |
|----------------------------|-----------------|
| <b>3 Modules</b>           | 2CSK218722R0301 |
| <b>4 Modules</b>           | 2CSK218722R0401 |
| <b>1 Module central</b>    | 2CSK218702R0001 |
| <b>2 Modules separated</b> | 2CSK218692R0002 |
| <b>Blind</b>               | 2CSK207272R0003 |

## Light switches and socket outlets

Chiara Antibacterial

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Pull-cord push button 1P</b><br>16A, NO, antibacterial |                 |          |
|   | <b>2CSK1020CH</b>   | 2CSK207262R1020 |          |
|    | <b>1 way switch 1P</b><br>16AX, antibacterial             |                 |          |
|   | <b>2CSK1001CH</b>   | 2CSK207242R1001 |          |
|   | <b>2 way switch 1P</b><br>16AX, antibacterial             |                 |          |
|   | <b>2CSK1003CH</b>   | 2CSK207222R1003 |          |
|  | <b>Intermediate switch 1P</b><br>16AX, antibacterial      |                 |          |
|   | <b>2CSK1010CH</b>   | 2CSK226732R1010 |          |
|  | <b>Blank module 1M</b><br>antibacterial                   |                 |          |
|   | <b>2CSK1601CH</b>   | 2CSK226692R1601 |          |
|  | <b>Socket outlet 2P+E</b><br>16A, P30/P17 antibacterial   |                 |          |
|   | <b>2CSK1109CH</b>   | 2CSK226652R1109 |          |
|  | <b>Socket outlet 2P+E</b><br>10/16A, red antibacterial    |                 |          |
|   | <b>2CSK1104CH</b>   | 2CSK226642R1104 |          |

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>Socket outlet 2P+E</b><br>16A, P30/P17 red antibacterial |                 |          |
|  | <b>2CSK1110CH</b>   | 2CSK229932R1110 |          |
|   | <b>Socket outlet 2P+E</b><br>16A, P17/P11 antibacterial     |                 |          |
|  | <b>2CSK1103CH</b>   | 2CSK229922R1103 |          |
|  | <b>TV socket outlet</b><br>direct, male, antibacterial      |                 |          |
|  | <b>2CSK1118CH</b>   | 2CSK229902R1118 |          |

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# Unno

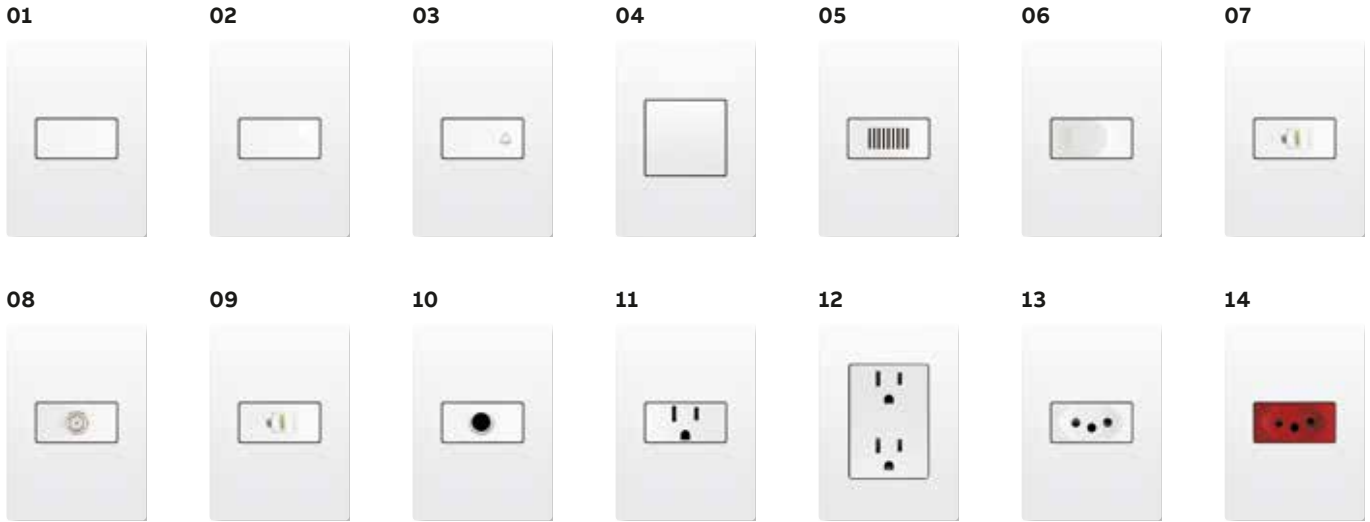
## A cocktail of colors

**You'll find it hard to choose! The great variety of colours in the Unno range is the key to creating a great home, full of life and harmony.** Design, technology, respecting the environment, versatility and beauty. Unno makes its mark via a wide range of tones and colours that can create a personalised room or home. Designed to meet your decorative and design expectations, Unno is the winning choice.



# Unno

## Selected functions



- 01 1-gang, 1-way single pole switch
- 02 1-gang, 2-way single pole switch with lamp
- 03 1-gang, 1-way push switch with bell symbol
- 04 1-gang, 1-way double pole 32A switch
- 05 Buzzer
- 06 Universal rotary dimmer
- 07 RJ11 telephone outlet
- 08 Type F TV outlet
- 09 RJ45 Cat. 5E data outlet
- 10 Cable outlet
- 11 Nema simple socket outlet
- 12 Nema duplex socket outlet
- 13 Brazilian 10A socket outlet
- 14 Brazilian 20A socket outlet



**Frames 4" x 2"**

- 01 Blank frame, 80 x 115 mm
- 02 Frame 1 module vertical position, 80 x 115 mm
- 03 Frame 1 module, 80 x 115 mm
- 04 Frame 2 modules, 80 x 115 mm
- 05 Frame 1+1 modules, 80 x 115 mm
- 06 Frame 3 modules, 80 x 115 mm

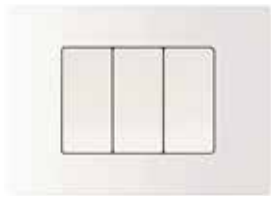
**Frames 4" x 4"**

- 07 Blank frame, 128 x 115 mm
- 08 Frame 1+1 modules, 128 x 115 mm
- 09 Frame 2+2 modules, 128 x 115 mm
- 10 Frame 1+1+1 modules, 128 x 115 mm
- 11 Frame 3+3 modules, 128 x 115 mm

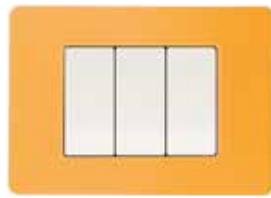


For more information about light switch ranges visit ABB global web sites.

**Unno**  
Frames



BL

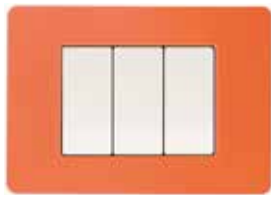


MS

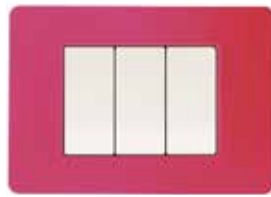


CT

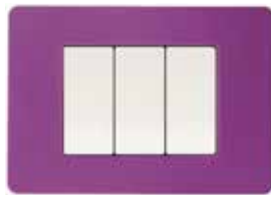
- BL White
- MS Mustard
- CT Chocolate



MD

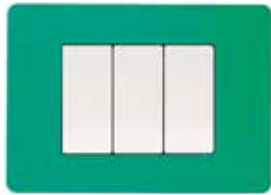


AR

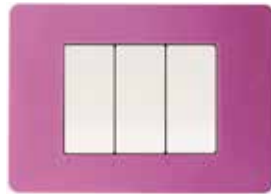


LL

- MD Tangerine
- AR Blueberry
- LL Lilac



MN



CM



AZ

- MN Mint
- CM Caramel
- AZ Blue

Mounting plates



BL



NG



GP



MS



CT

- BL White
- NG Black
- GP Gray
- MS Mustard
- CT Chocolate



MD



AR



LL



MN



CM



AZ

- MD Tangerine
- AR Blueberry
- LL Lilac
- MN Mint
- CM Caramel
- AZ Blue

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## Quality within everyone's reach

The Unno range with its colours, straight lines and its simple design brings personality to your home, while offering a unique and contemporary look.



We offer an elegant range, incorporating high technology while respecting the environment. We now know it is possible to align beauty, functionality, quality and sustainability, while placing great design within reach of all.

### **Unno is design**

Its straight lines and simplicity provide an elegant and contemporary look; added to the colours that adapt to all the latest trends. With different side finishes, Unno is the perfect combination, bringing life to covers and switches, and ultimately, to your home.

### **Unno is technology**

ABB's experience over the years can now be seen in the new mechanisms: manufactured using raw materials within the guidelines proposed by international environmental protection organisations such as (RoHS, IEC, INMETRO), the Unno switches are the most ideal for new energy saving light bulbs, incorporating childproofing in the 2P + T connections in all their products.

### **Unno is versatile**

Only ABB has been able to create a range that comes with all the benefits of the highest quality, adapted to market needs in relation to both design as well as ease of installation and safety. Unno is versatility that matches your style.

**Unno is versatility that matches your style.**

# All its uses

## Maximum quality and guarantee

### New mechanism design

More functional and simple, allowing safer operation and preventing direct and indirect contact. 46 mm x 22 mm cover with 27 mm mechanism height.



### Robust mechanism design

Contact function via indirect swaying and forced shut-off. This system offers robustness and durability, increasing its useful life.

### Advanced connection

The direct contact connection system prevents the cable from moving, keeping it in place despite the temperature, movement or passing of time affecting the connection.



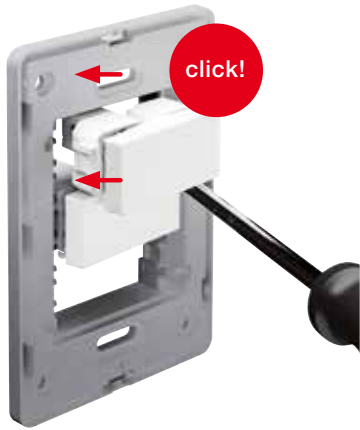
### Safety

All the products in the Unno range come with childproofing measures ensuring everybody's safety, including children under the most adverse conditions, complying with ABNT NBR 60884-1:2004 + decree 085 regulations: 03-04-2006 and NBR 14136:2002.

### Reinforced mounting

With exclusive mounting system that prevents it from becoming displaced or sunken. Manufactured from polycarbonate, a hard wearing and rigid material.





**Rapid connection**

Extraction and front setting mechanism. Two installation options that ensure mechanisms are perfectly aligned:

- 1. Mounting assembly and subsequent connection
- 2. Connection and subsequent mounting assembly

**Visibility**

White LED lighting offer higher luminosity. Energy savings. Up to 80% longer lasting.










**Large cover sizes**

Allows the correction of possible imperfections when installing wall switches.

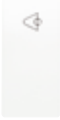
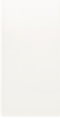




## Unno

### Switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Switch 1-gang, 1-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw terminals.<br>Optional: locator LED lamp N1191 BL.                                   |                 |          |
| White   | <b>N1101 BL</b>   | 2CLA110100N1103 | 30       |
| White/Black   | <b>N1101 BN</b>   | 2CLA110100N1803 | 30       |
|    | <b>Switch 1-gang, 2-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw terminals.<br>Optional: locator LED lamp N1191 BL.                                   |                 |          |
| White   | <b>N1102 BL</b>   | 2CLA110200N1103 | 30       |
| White/Black   | <b>N1102 BN</b>   | 2CLA110200N1803 | 30       |
|   | <b>Switch 1-gang, intermediate, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw terminals.  |                 |          |
| White   | <b>N1110 BL</b>   | 2CLA111000N1103 | 30       |
| White/Black   | <b>N1110 BN</b>   | 2CLA111000N1803 | 30       |
|  | <b>Switch 1-gang, 1-way, DP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 20 AX.<br>Rated power iLED (230/127 Vac): 250/150 W.<br>Screw terminals.   |                 |          |
| White   | <b>N1101.7 BL</b>   | 2CLA110170N1103 | 5        |
| White/Black   | <b>N1101.7 BN</b>   | 2CLA110170N1803 | 5        |
|  | <b>Switch 1-gang, 1-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw terminals.<br>Included: locator LED lamp N1191 BL.                                   |                 |          |
| White   | <b>N1101.3 BL</b>   | 2CLA110130N1103 | 30       |
| White/Black   | <b>N1101.3 BN</b>   | 2CLA110130N1803 | 30       |
|  | <b>Switch 1-gang, 2-way, SP - 1 M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 AX.<br>Rated power iLED (230/127 Vac): 200/100 W.<br>Screw terminals.<br>Included: locator LED lamp N1191 BL.                                   |                 |          |
| White   | <b>N1102.3 BL</b>   | 2CLA110230N1103 | 30       |
| White/Black   | <b>N1102.3 BN</b>   | 2CLA110230N1803 | 30       |
|  | <b>Locator &amp; indicator lamp</b><br>Suitable for all the switches and push buttons.<br>White light. Rated voltage: 110 - 250 Vac.<br>Rear connection with 2 cables. Rated current: <0,2 mA.<br>Specially designed for CFL and LED lamps. |                 |          |
| White   | <b>N1191 BL</b>   | 2CLA119100N1003 | 10       |







### Pushbuttons



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Push-button, SP with bell symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 A.<br>Screw terminals.<br>Optional: locator LED lamp N1191 BL. |                 |          |
| White   | <b>N1104 BL</b>   | 2CLA110400N1103 | 30       |
| White/Black   | <b>N1104 BN</b>   | 2CLA110400N1803 | 30       |
|    | <b>Push-button, SP without symbol - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 16 A.<br>Screw terminals.<br>Optional: locator LED lamp N1191 BL.   |                 |          |
| White   | <b>N1104.7 BL</b>   | 2CLA110470N1103 | 30       |
| White/Black   | <b>N1104.7 BN</b>   | 2CLA110470N1803 | 30       |
|  | <b>Push-button blind control 1-gang - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 6A.<br>Miniswitch.<br>Direct control                              |                 |          |
| White   | <b>N1144 BL</b>   | 2CLA114400N1103 | 10       |
|  | <b>Switch blind control 1-gang - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 6A.<br>Miniswitch.<br>Direct control.                                  |                 |          |
| White   | <b>N1144.1 BL</b>   | 2CLA114410N1103 | 10       |

### Blind control



# Unno

## Socket outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Schuko socket outlet - 2M</b><br>Rated voltage: 250 Vac.<br>Rated current: 16A.<br>Type F: 2P + E.<br>Shuttered for child safety.<br>Screw terminals.  |                 |          |
| White   | <b>N1288 BL</b>   | 2CLA128800N1103 | 10       |
| Red   | <b>N1288 RJ</b>   | 2CLA128800N7003 | 10       |
|    | <b>American earthed socket outlet - 1M</b><br>Rated voltage: 125 Vac.<br>Rated current: 15 A.<br>Type B: 2P + E / NEMA 5-15R.<br>Shuttered for child safety.<br>Screw terminals.                          |                 |          |
| White   | <b>N1128 BL</b>   | 2CLA112800N1103 | 30       |
|   | <b>American earthed duplex socket outlet - 3M</b><br>Rated voltage: 125 Vac.<br>Rated current: 15 A.<br>Type B: 2P + E / NEMA 5-15R.<br>Duplex outlet.<br>Shuttered for child safety.<br>Screw terminals. |                 |          |
| White   | <b>N1328 BL</b>   | 2CLA132800N1103 | 20       |
|  | <b>Euro-American unearthed socket outlet - 1M</b><br>Rated voltage: 125 / 250 Vac.<br>Rated current: 15 / 16A.<br>Type A+C: 2P (non-earthed) / NEMA 1-15R.<br>Screw terminals.                            |                 |          |
| White   | <b>N1135 BL</b>   | 2CLA113500N1103 | 30       |
|  | <b>Euro-American earthed socket outlet - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 15 / 16 A.<br>Type B+C: 2P + E / NEMA 5-15R.<br>Shuttered for child safety.<br>Screw terminals.        |                 |          |
| White   | <b>N1138 BL</b>   | 2CLA113800N1103 | 30       |
|  | <b>Euro-American earthed duplex socket outlet - 3M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 15 / 16 A.<br>Type B+C: 2P + E / NEMA 5-15R.<br>Shuttered for child safety.<br>Screw terminals. |                 |          |
| White   | <b>N1338 BL</b>   | 2CLA133800N1103 | 20       |


| Product   | Article-No.  | Order-No.        | Pack/Qty |
|---|--|------------------|----------|
|  | <b>Brazilian 10A socket outlet - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 10 A.<br>Type N: 2P + E.<br>Shuttered for child safety.<br>Screw terminals. |                  |          |
| White   | <b>N1136 BL</b>  | 2CLA113600N1104S | 20       |
| Red   | <b>N1136 RJ</b>  | 2CLA113620N7004S | 20       |
|  | <b>Brazilian 20A socket outlet - 1M</b><br>Rated voltage: 110 - 250 Vac.<br>Rated current: 20 A.<br>Type N: 2P + E.<br>Shuttered for child safety.<br>Screw terminals. |                  |          |
| White   | <b>N1136.2 BL</b>  | 2CLA113620N1104S | 20       |
| Red   | <b>N1136.2 RJ</b>  | 2CLA113620N7004S | 20       |


## USB chargers


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>USB charger 750mA, 1-gang - 1M</b><br>Input voltage: 100 - 240 Vac $\pm$ 10% ; 50/60 Hz.<br>Input current: 0,12 A (with maximum load).<br>Output voltage: 5 Vdc $\pm$ 5%.<br>Output current: 750 mA.<br>Power consumption in stand-by: $\leq$ 0,3W@230Vac.<br>Energy efficiency: $\geq$ 66%.<br>Operating Temperature: 0 °C to 45 °C.      |                 |   |
| White   | <b>N1185 BL</b>   | 2CLA118500N1103 | 1 |
|  | <b>USB charger 2.000mA, 1-gang - 1M</b><br>Input voltage: 100 - 230 Vac $\pm$ 10% ; 50/60 Hz.<br>Input current: 0,20 A (with maximum load).<br>Output voltage: 5 Vdc $\pm$ 5%.<br>Output current: 2.000 mA.<br>Power consumption in stand-by: $\leq$ 0,01W@230Vac.<br>Energy efficiency: $\geq$ 79%.<br>Operating temperature: 0 °C to 45 °C. |                 |   |
| White   | <b>N1185.2 BL</b>   | 2CLA118520N1103 | 1 |

## Unno


### Data communication

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>TV terminal outlet F-type - 1M</b><br>Single TV outlet - Dead-end.<br>F type.<br>For 75Ω impedance coaxial cable.<br>Frequency range: 0 - 2.000 Mhz.<br>Working voltage: 250 VRMS max.<br>Dielectric withstanding voltage: 500 VRMS min.<br>Contact resistance:<br>- 5 mΩ max. (center contact).<br>- 2 mΩ max. (outer contact).<br>Insulator resistance: 1.000 MΩ min. |                 |          |
| White   | <b>N1150 BL</b>  | 2CLA115000N1103 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>TV terminal outlet M-type - 1M</b><br>Single TV outlet - Dead-end.<br>M type - 9,52 mm. male.<br>For 75 Ω impedance coaxial cable.<br>Frequency range: 5 - 862 Mhz.<br>Output loss: 0,5 dB. |                 |    |
| White   | <b>N1150.7 BL</b>  | 2CLA115070N1103 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>TV/SAT terminal outlet - 1M</b><br>Single TV outlet - dead-end.<br>- TV: M type - 9,52 mm. male.<br>- SAT: F type - female.<br>For 75 Ω impedance coaxial cable.<br>Frequency range (TV / SAT):<br>5 - 862 Mhz / 950 - 2.400 MHz.<br>Output loss (TV / SAT): 1 dB / 1 dB.<br>DC path (Vdc / mA / Tono):<br>34 max. / 500 max. / 22kHz - DiSEqC. |                 |    |
| White   | <b>N1151.7 BL</b>  | 2CLA115170N1103 | 10 |

### Telephone outlets

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Telephone outlet RJ11 - 1M</b><br>RJ11 type connector.<br>4 contacts.<br>Suitable for 2 or 4 contacts jack.<br>Screw terminals. |                 |          |
| White   | <b>N1117 BL</b>  | 2CLA111700N1103 | 10       |





### Data outlets





|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Data outlet RJ45 Cat.5e UTP</b><br>RJ45 type connector.<br>Cat.5e UTP.<br>In compliance with ANSI/TIA/EIA 568B.2,<br>ISO/IEC11801 & EN50173.<br>Universal TIA/EIA 568A and 568B labeling.<br>Housing: ABS UL-94-0.<br>Durability: 750 cycles min.<br>(ISO/IEC 11801, IEC 60603-7-4).<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over<br>nickel plated on contact area.<br>Tool-less wiring. |                 |    |
| White   | <b>N1118.5 BL</b>   | 2CLA111850N1103 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Data outlet RJ45 Cat.6 UTP</b><br>RJ45 type connector.<br>Cat.6 UTP.<br>In compliance with ANSI/TIA/EIA 568B.2,<br>ISO/IEC11801 & EN50173.<br>Universal TIA/EIA 568A and 568B labeling.<br>Housing: ABS UL-94-0.<br>Durability: 750 cycles min. (ISO/IEC 11801,<br>IEC 60603-7-4).<br>IDC: PC UL94V-0, Accept 22-26AWG solid wire.<br>Contact: RJ45 8P8C, 3~50 micro-inch gold plating over<br>nickel plated on contact area.<br>Tool-less wiring. |                 |    |
| White   | <b>N1118.6 BL</b>   | 2CLA111860N1103 | 10 |

# Unno






## VDI outlets

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>2x RCA connection unit - 1M</b><br>Front: 2x RCA connectors (Red / White).<br>Rear: screw terminals (4 wires).   |                 |          |
| White   | <b>N1155.2 BL</b>   | 2CLA115520N1103 | 1        |
|    | <b>3x RCA connection unit - 1M</b><br>Front: 3x RCA connectors (Red / White / Yellow).<br>Rear: screw terminals (6 wires).  |                 |          |
| White   | <b>N1155.3 BL</b>   | 2CLA115530N1103 | 1        |
|   | <b>Mini-Jack connection unit - 1M</b><br>Front: 1x Mini-Jack connector (3,5 mm. stereo audio jack).<br>Rear: screw terminals (3/4 wires).                         |                 |          |
| White   | <b>N1155.4 BL</b>   | 2CLA115540N1103 | 1        |
|  | <b>VGA connection unit - 1M</b><br>Front: 1x VGA connector (DE-15 connector).<br>Rear: screw terminals (15 wires).  |                 |          |
| White   | <b>N1155.5 BL</b>   | 2CLA115550N1103 | 1        |
|  | <b>HDMI connection unit - 1M</b><br>Front: 1x HDMI connector (Type A connector).<br>Rear: screwless terminals (20 wires).   |                 |          |
| White   | <b>N1155.6 BL</b>   | 2CLA115560N1103 | 1        |
|  | <b>HDMI female-female connection unit - 1M</b><br>Front: 1x HDMI connector (Type A connector).<br>Rear: 1x HDMI connector (Type A connector) fitted at 90° angle. |                 |          |
| White   | <b>N1155.7 BL</b>   | 2CLA115570N1103 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>USB connection unit - 1M</b><br>Front: 1x USB 2.0 connector (Type A connector).<br>Rear: screwless terminals (5 wires).  |                 |          |
| White   | <b>N1155.8 BL</b>   | 2CLA115580N1103 | 1        |
|    | <b>USB female-female connection unit - 1M</b><br>Front: 1x USB 2.0 connector (Type A connector).<br>Rear: 1x USB 2.0 connector (Type A connector) fitted at 90° angle.              |                 |          |
| White   | <b>N1155.9 BL</b>   | 2CLA115590N1103 | 1        |
|   | <b>HDMI female-female connection unit with cable - 1M</b><br>Front: 1x HDMI connector (Type A connector).<br>Rear: 1x HDMI connector (Type A connector) with 20 cm cable extension. |                 |          |
| White   | <b>N1155.71 BL</b>  | 2CLA115571N1103 | 1        |
|  | <b>USB female-female connection unit with cable - 1M</b><br>Front: 1x HDMI connector (Type A connector).<br>Rear: 1x HDMI connector (Type A connector) with 20 cm cable extension.  |                 |          |
| White   | <b>N1155.91 BL</b>  | 2CLA115591N1103 | 1        |

## Unno


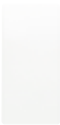
### Dimmers

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Rotatory/push dimmer 127V - 1M</b><br>Rated voltage: 110 - 127 Vac.<br>Incandescent lamps: 50 - 500 W.<br>Halogen lamps: 50 - 500 W.<br>Overload and short-circuit protection with fuse (Not resetable).   |                 |          |
| White   | <b>N1160 BL</b>   | 2CLA116000N1103 | 10       |
|    | <b>Rotatory/push dimmer 220V - 2M</b><br>Rated voltage: 220 - 230 Vac.<br>Incandescent lamps: 50 - 700 W.<br>Halogen lamps: 50 - 700 W.<br>Overload and short-circuit protection with fuse (Not resetable).   |                 |          |
| White   | <b>N1160.1 BL</b>   | 2CLA116010N1103 | 10       |
|   | <b>Rotatory LED Triac dimmer - 1M</b><br>Rated voltage: 110 - 230 Vac.<br>Frequency: 50/60 Hz<br>Power min. load: 3 W<br>Power max. load (127 / 230 Vac):<br>- LEDi: 50 / 100 W (max. 10 lamps).<br>- LEDi with LC transformer: 50 / 100 W (max. 10 lamps).<br>- Halogen with LC transformer: 100 / 200 W.<br>- Incandescent lamps: 150 / 250 W.<br>2 wire connection.<br>OFF position  |                 |          |
| White   | <b>N1160.2 BL</b>   | 2CLA116020N1103 | 1        |
|  | <b>LED/Universal rotatory dimmer 220V - 1M</b><br>Rated voltage: 230 Vac $\pm$ 10%.<br>Frequency: 50-60 Hz.<br>Power (min./max load):<br>- LEDi (trailing-edge lamps): 4 / 250 W/VA.<br>- LEDi (leading-edge lamps): 4 / 60 W/VA.*<br>- LV LEDi with transformer type C: 4 / 250 W/VA.<br>- LV LEDi with transformer type LC: 4 / 60 W/VA.*<br>- LV halogen with transformer type C: 4 / 250 W/VA.<br>- LV halogen with transformer type LC: 4 / 250 W/VA.<br>- Incandescent lamps: 4 / 250 W/VA.<br>- Halogen lamps: 4 / 250 W/VA.<br>*Max. 10 lamps.<br>Load selection<br>2 or 3 wire connection.<br>OFF position |                 |          |
| White   | <b>N1160.3 BL</b>   | 2CLA116030N1103 | 1        |
|  | <b>LED/Universal rotatory dimmer 110V - 1M</b><br>Rated voltage: 127 Vac $\pm$ 10%.<br>Frequency: 60 Hz.<br>Power (min./max load):<br>- LEDi (trailing-edge lamps): 4 / 125 W/VA.<br>- LEDi (leading-edge lamps): 4 / 30 W/VA.*<br>- LV LEDi with transformer type C: 4 / 125 W/VA.<br>- LV LEDi with transformer type LC: 4 / 30 W/VA.*<br>- LV halogen with transformer type C: 4 / 125 W/VA.<br>- LV halogen with transformer type LC: 4 / 125 W/VA.<br>- Incandescent lamps: 4 / 125 W/VA.<br>- Halogen lamps: 4 / 125 W/VA.<br>*Max. 10 lamps.<br>Load selection<br>2 or 3 wire connection.<br>OFF position.   |                 |          |
| White   | <b>N1160.8 BL</b>   | 2CLA116080N1103 | 1        |

### Buzzer

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Buzzer - 1M</b><br>Rated voltage: 110 - 230 Vac.<br>Sound level at 1 meter: 75dB.<br>Adjustable volume with screwdriver. |                 |          |
| White   | <b>N1119 BL</b>   | 2CLA111900N1103 | 10       |

### Blank covers / Cable outlets

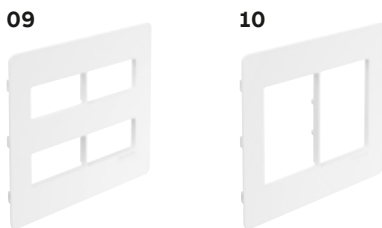
|   |  |                 |    |
|---|--|-----------------|----|
|    | <b>Cable outlet - 1M</b><br>Includes a clamp to fix the cable. |                 |    |
| White   | <b>N1107 BL</b>  | 2CLA110700N1103 | 10 |
|  | <b>Blank cover - 1M</b>  |                 |    |
| White   | <b>N1100 BL</b>  | 2CLA110000N1103 | 20 |



## Unno

Frames for 3M (4"×2"), 4M, 7M and 4"×4" boxes

### Frames with ABB logo



1 to 3 module cover frames for 3 module or 4"×2" box vertical installation habits (American)

- 01 Frame blank for 3 modules box
- 02 Frame 1 module for 3 modules box
- 03 Frame 1 + 1 modules for 3 modules box
- 04 Frame 2 modules for 3 modules box
- 05 Frame 3 modules in 3 modules box

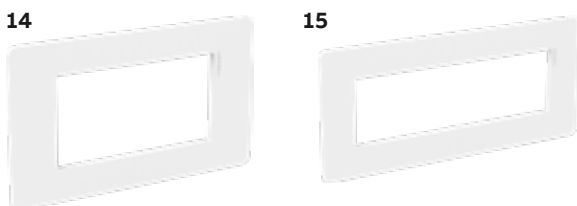
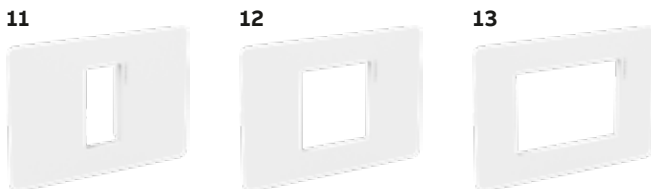
3+3 module cover frames for 4"×4" box installation habit (American and Eastern Asia)

- 06 Frame blank for 4"×4" box
- 07 Frame 1 + 1 modules for 4"×4" box
- 08 Frame 2 + 2 modules for 4"×4" box
- 09 Frame 1 + 1 + 1 + 1 modules for 4"×4" box
- 10 Frame 3 + 3 modules for 4"×4" box

1 to 7 module cover frames for 3, 4 and 7 module box horizontal installation habit (Italian)


- 11 Frame 1 module for 3 modules box
- 12 Frame 2 modules for 3 modules box
- 13 Frame 3 modules in 3 modules box
- 14 Frame 4 modules for 4 modules box
- 15 Frame 7 modules in 7 modules box

### Frames with Niessen logo



## Unno


### Frames with ABB logo

| Size  | Modularity | Article-No. | Order-No. | Pack/Qty |
|---|------------|-------------|-----------|----------|
|  <p><b>Frames - 3 and 3+3 modules</b><br/> Material: polycarbonate<br/> Size (height x width):<br/> - 3M: 115 x 80 mm.<br/> - 3+3M: 115 x 128 mm.<br/> Mounting plate codes:<br/> - For 3M box (83.5 mm screw distance): N1373.9.<br/> - For 3+3M box (4"x4" type box): N1673.9.</p> |            |             |           |          |

#### White

|      |         |                   |                  |    |
|------|---------|-------------------|------------------|----|
| 3M   |         | <b>N1370.1 BL</b> | 2CLA137010N1104S | 20 |
| 3M   | 2       | <b>N1372.1 BL</b> | 2CLA137210N1104S | 20 |
| 3M   | 1+1     | <b>N1372.2 BL</b> | 2CLA137220N1104S | 20 |
| 3M   | 3       | <b>N1373.1 BL</b> | 2CLA137310N1104S | 20 |
| 3M   |         | <b>N1670 BL</b>   | 2CLA167000N1104S | 10 |
| 3+3M | 1+1     | <b>N1671.1 BL</b> | 2CLA167110N1104S | 10 |
| 3+3M | 1       | <b>N1371.1 BL</b> | 2CLA137110N1104S | 20 |
| 3+3M | 2+Ł2    | <b>N1672.2 BL</b> | 2CLA167220N1104S | 10 |
| 3+3M | 1+1+1+1 | <b>N1672.4 BL</b> | 2CLA167240N1104S | 10 |
| 3+3M | 3+3     | <b>N1673.6 BL</b> | 2CLA167360N1104S | 10 |

### Frames with Niessen logo

| Size  | Modularity | Article-No. | Order-No. | Pack/Qty |
|---|------------|-------------|-----------|----------|
|  <p><b>Frames - 3, 4 and 7 modules</b><br/> Material: polycarbonate<br/> Size (height x width):<br/> 3M: 115 x 80 mm.<br/> 4M: 137 x 80 mm.<br/> 7M: 205 x 90 mm.<br/> Mounting plate codes:<br/> For 3M box (83.5 mm screw distance): N1373.9.<br/> For 4M box (107 mm screw distance): N1474.9.<br/> For 7M box (100 mm screw distance): N1777.9.</p> |            |             |           |          |

#### White

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 1 | <b>N1371 BL</b> | 2CLA137100N1103 | 24 |
| 3M | 2 | <b>N1372 BL</b> | 2CLA137200N1103 | 24 |
| 3M | 3 | <b>N1373 BL</b> | 2CLA137300N1103 | 24 |
| 4M | 4 | <b>N1474 BL</b> | 2CLA147400N1103 | 20 |
| 7M | 7 | <b>N1777 BL</b> | 2CLA177700N1103 | 12 |

#### Mustard

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 3 | <b>N1373 MS</b> | 2CLA137300N2103 | 24 |
| 4M | 4 | <b>N1474 MS</b> | 2CLA147400N2103 | 20 |
| 7M | 7 | <b>N1777 MS</b> | 2CLA177700N2103 | 12 |

#### Chocolate

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 3 | <b>N1373 CT</b> | 2CLA137300N2603 | 24 |
| 4M | 4 | <b>N1474 CT</b> | 2CLA147400N2603 | 20 |
| 7M | 7 | <b>N1777 CT</b> | 2CLA177700N2603 | 12 |

#### Tangerine

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 3 | <b>N1373 MD</b> | 2CLA137300N2503 | 24 |
| 4M | 4 | <b>N1474 MD</b> | 2CLA147400N2503 | 20 |
| 7M | 7 | <b>N1777 MD</b> | 2CLA177700N2503 | 12 |

#### Blueberry

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 3 | <b>N1373 AR</b> | 2CLA137300N2403 | 24 |
| 4M | 4 | <b>N1474 AR</b> | 2CLA147400N2403 | 20 |
| 7M | 7 | <b>N1777 AR</b> | 2CLA177700N2403 | 12 |

#### Lilac

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 3 | <b>N1373 LL</b> | 2CLA137300N2303 | 24 |
| 4M | 4 | <b>N1474 LL</b> | 2CLA147400N2303 | 20 |
| 7M | 7 | <b>N1777 LL</b> | 2CLA177700N2303 | 12 |

#### Mint

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 3 | <b>N1373 MN</b> | 2CLA137300N2203 | 24 |
| 4M | 4 | <b>N1474 MN</b> | 2CLA147400N2203 | 20 |
| 7M | 7 | <b>N1777 MN</b> | 2CLA277700N2203 | 12 |

#### Caramel

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 3 | <b>N1373 CM</b> | 2CLA137300N2703 | 24 |
| 4M | 4 | <b>N1474 CM</b> | 2CLA147400N2703 | 20 |
| 7M | 7 | <b>N1777 CM</b> | 2CLA177700N2703 | 12 |

#### Blue

|    |   |                 |                 |    |
|----|---|-----------------|-----------------|----|
| 3M | 3 | <b>N1373 AZ</b> | 2CLA137300N2003 | 24 |
| 4M | 4 | <b>N1474 AZ</b> | 2CLA147400N2003 | 20 |
| 7M | 7 | <b>N1777 AZ</b> | 2CLA177700N2003 | 12 |

# Unno

## Mounting plates

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|



### Mounting plates - 3, 4, 7 and 3+3 modules

With colored decorative contour.

Material: polycarbonate

Size (height x width):

- 3M: 115 × 80 mm.

- 4M: 137 × 80 mm.

- 7M: 205 × 90 mm.

- 3+3M: 115 × 128 mm.

Frame codes:

- For 3M mounting plates: N137X.X.

- For 4M mounting plates: N1474.

- For 7M mounting plates: N1777.

### White

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 BL</b> | 2CLA137390N1103  | 24 |
| 4M   | 4   | <b>N1474.9 BL</b> | 2CLA147490N1103  | 20 |
| 7M   | 7   | <b>N1777.9 BL</b> | 2CLA177790N1103  | 12 |
| 3+3M | 3+3 | <b>N1673.9 BL</b> | 2CLA167390N1104S | 10 |

### Black

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 NG</b> | 2CLA137390N1503  | 24 |
| 4M   | 4   | <b>N1474.9 NG</b> | 2CLA147490N1503  | 20 |
| 7M   | 7   | <b>N1777.9 NG</b> | 2CLA177790N1503  | 12 |
| 3+3M | 3+3 | <b>N1673.9 NG</b> | 2CLA167390N1504S | 10 |

### Gray

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 GR</b> | 2CLA137390N1303  | 24 |
| 4M   | 4   | <b>N1474.9 GR</b> | 2CLA147490N1303  | 20 |
| 7M   | 7   | <b>N1777.9 GR</b> | 2CLA177790N1303  | 12 |
| 3+3M | 3+3 | <b>N1673.9 GR</b> | 2CLA167390N1304S | 10 |

### Mustard

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 MS</b> | 2CLA137390N2103  | 24 |
| 4M   | 4   | <b>N1474.9 MS</b> | 2CLA147490N2103  | 20 |
| 7M   | 7   | <b>N1777.9 MS</b> | 2CLA177790N2103  | 12 |
| 3+3M | 3+3 | <b>N1673.9 MS</b> | 2CLA167390N2104S | 10 |

### Chocolate

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 CT</b> | 2CLA137390N2603  | 24 |
| 4M   | 4   | <b>N1474.9 CT</b> | 2CLA147490N2603  | 20 |
| 7M   | 7   | <b>N1777.9 CT</b> | 2CLA177790N2603  | 12 |
| 3+3M | 3+3 | <b>N1673.9 CT</b> | 2CLA167390N2604S | 10 |

### Tangerine

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 MD</b> | 2CLA137390N2503  | 24 |
| 4M   | 4   | <b>N1474.9 MD</b> | 2CLA147490N2503  | 20 |
| 7M   | 7   | <b>N1777.9 MD</b> | 2CLA177790N2503  | 12 |
| 3+3M | 3+3 | <b>N1673.9 MD</b> | 2CLA167390N2504S | 10 |

| Size | Modularity | Article-No. | Order-No. | Pack/Qty |
|------|------------|-------------|-----------|----------|
|------|------------|-------------|-----------|----------|

### Blueberry

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 AR</b> | 2CLA137390N2403  | 24 |
| 4M   | 4   | <b>N1474.9 AR</b> | 2CLA147490N2403  | 20 |
| 7M   | 7   | <b>N1777.9 AR</b> | 2CLA177790N2403  | 12 |
| 3+3M | 3+3 | <b>N1673.9 AR</b> | 2CLA167390N2404S | 10 |

### Lilac

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 LL</b> | 2CLA137390N2303  | 24 |
| 4M   | 4   | <b>N1474.9 LL</b> | 2CLA147490N2303  | 20 |
| 7M   | 7   | <b>N1777.9 LL</b> | 2CLA177790N2303  | 12 |
| 3+3M | 3+3 | <b>N1673.9 LL</b> | 2CLA167390N2304S | 10 |

### Mint

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 MN</b> | 2CLA137390N1303  | 24 |
| 4M   | 4   | <b>N1474.9 MN</b> | 2CLA147490N1303  | 20 |
| 7M   | 7   | <b>N1777.9 MN</b> | 2CLA177790N1303  | 12 |
| 3+3M | 3+3 | <b>N1673.9 MN</b> | 2CLA167390N1304S | 10 |

### Caramel

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 CM</b> | 2CLA137390N2103  | 24 |
| 4M   | 4   | <b>N1474.9 CM</b> | 2CLA147490N2103  | 20 |
| 7M   | 7   | <b>N1777.9 CM</b> | 2CLA177790N2103  | 12 |
| 3+3M | 3+3 | <b>N1673.9 CM</b> | 2CLA167390N2104S | 10 |

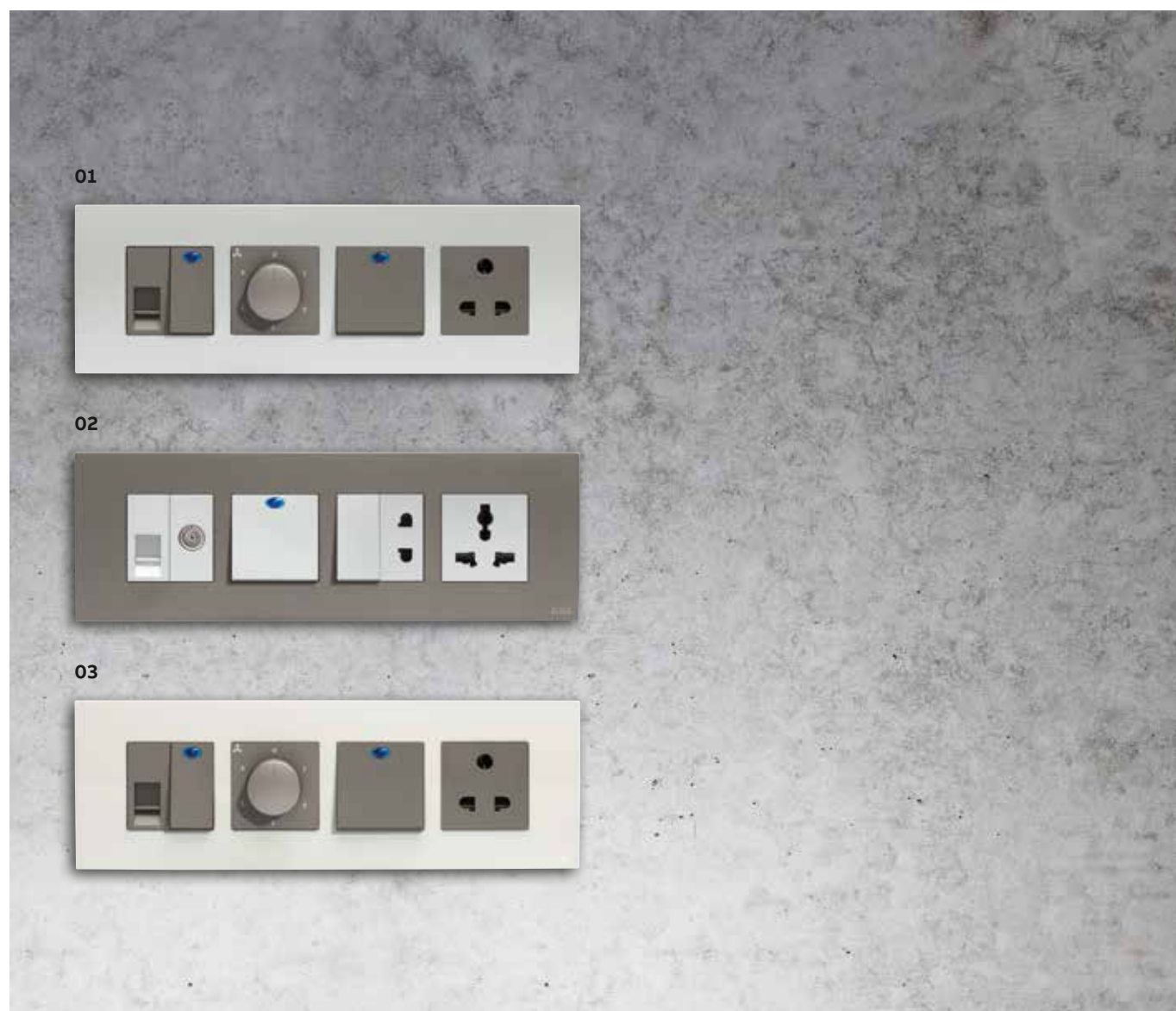
### Blue

|      |     |                   |                  |    |
|------|-----|-------------------|------------------|----|
| 3M   | 3   | <b>N1373.9 AZ</b> | 2CLA137390N2603  | 24 |
| 4M   | 4   | <b>N1474.9 AZ</b> | 2CLA147490N2603  | 20 |
| 7M   | 7   | <b>N1777.9 AZ</b> | 2CLA177790N2603  | 12 |
| 3+3M | 3+3 | <b>N1673.9 AZ</b> | 2CLA167390N2604S | 10 |

# IVIE

## Switch to the future.

Stylish design in three delightful colours which perfectly matches any interior. A comprehensive offer of premium modular wiring accessories provides advanced functions like dimming, USB charging, automatic switching based on movement, home automation. A clever combination of style, quality, safety and energy savings.



Different finishes and combinations:

- 01 Anthracite grey mechanisms in Silver plate
- 02 Silver mechanisms in Anthracite Grey plate
- 03 Anthracite grey mechanisms in White plate


Materials


Cover: thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.




## IVIE


### Rocker switches / push switches


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1 way</b><br>6 A - 240 V ~<br>Number of modules: 1 |                 |          |
| white   | <b>IIS10610 BL</b>   | 1SYK100001A1001 | 20/400   |
| anthracite grey   | <b>IIS10610 AN</b>   | 1SYK100001A1201 | 20/400   |
| silver  | <b>IIS10610 PL</b>   | 1SYK100001A1101 | 20/400   |

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch 2 way</b><br>6 A - 240 V ~<br>Number of modules: 2 |                 |        |
| white   | <b>IIS10620 BL</b>   | 1SYK100001A1002 | 20/400 |
| anthracite grey   | <b>IIS10620 AN</b>   | 1SYK100001A1202 | 20/400 |
| silver  | <b>IIS10620 PL</b>   | 1SYK100001A1102 | 20/400 |


|                 |   |                 |        |
|-----------------|---|-----------------|--------|
|                 | <b>Switch 1 way</b><br>16 A - 240 V ~<br>Number of modules: 1 |                 |        |
| white           | <b>IIS11610 BL</b>  | 1SYK100001A1006 | 20/400 |
| anthracite grey | <b>IIS11610 AN</b>  | 1SYK100001A1206 | 20/400 |
| silver          | <b>IIS11610 PL</b>  | 1SYK100001A1106 | 20/400 |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch 1 way with indicator</b><br>16 A - 240 V ~<br>Number of modules: 1 |                 |        |
| white   | <b>IIS1161L BL</b>   | 1SYK100001A1007 | 20/400 |
| anthracite grey   | <b>IIS1161L AN</b>   | 1SYK100001A1207 | 20/400 |
| silver  | <b>IIS1161L PL</b>   | 1SYK100001A1107 | 20/400 |

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Switch DP</b><br>32 A - 240 V ~<br>Number of modules: 2 |                 |        |
| white   | <b>IIS2321L BL</b>   | 1SYK100001A1008 | 10/200 |
| anthracite grey   | <b>IIS2321L AN</b>   | 1SYK100001A1208 | 10/200 |
| silver  | <b>IIS2321L PL</b>   | 1SYK100001A1108 | 10/200 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push button with bell symbol</b><br>6A<br>Number of modules: 1 |                 |          |
| white   | <b>IIS106B0 BL</b>  | 1SYK100001A1003 | 20/400   |
| anthracite grey   | <b>IIS106B0 AN</b>  | 1SYK100001A1203 | 20/400   |


|                 |   |                 |        |
|-----------------|---|-----------------|--------|
|                 | <b>Push button with bell symbol</b><br>6A<br>With indicator<br>Number of modules: 1 |                 |        |
| white           | <b>IIS106BL BL</b>  | 1SYK100001A1004 | 20/400 |
| anthracite grey | <b>IIS106BL AN</b>  | 1SYK100001A1204 | 20/400 |


|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Mega push button with bell symbol</b><br>6A<br>With indicator<br>Number of modules: 2 |                 |        |
| white  | <b>IIS206BL BL</b>   | 1SYK100001A1005 | 20/400 |
| anthracite grey  | <b>IIS206BL AN</b>   | 1SYK100001A1205 | 20/400 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Card switch 1-gang, 1-way, DP</b><br>Number of modules: 2 |                 |   |
| white   | <b>N2214.1 BL</b>  | 2CLA221410N1102 | 1 |
| anthracite grey   | <b>N2214.1 AN</b>  | 2CLA221410N1802 | 1 |
| silver  | <b>N2214.1 PL</b>  | 2CLA221410N1302 | 1 |

## IVIE

### Socket outlets


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Sockets - 240 V ~</b><br>6A, 2+3 pin socket<br>Number of modules: 2 |                 |          |
| white   | <b>IJK20006 BL</b>   | 1SYK100001A1021 | 10/200   |
| anthracite grey   | <b>IJK20006 AN</b>   | 1SYK100001A1221 | 10/200   |
| silver  | <b>IJK20006 PL</b>   | 1SYK100001A1121 | 10/200   |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Sockets - 240 V ~</b><br>6/13A universal socket<br>Number of modules: 2 |                 |        |
| white   | <b>IJK20613 BL</b>   | 1SYK100001A1022 | 10/200 |
| anthracite grey   | <b>IJK20613 AN</b>   | 1SYK100001A1222 | 10/200 |
| silver  | <b>IJK20613 PL</b>   | 1SYK100001A1122 | 10/200 |


|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Sockets - 240 V ~</b><br>6/16A socket<br>Number of modules: 2 |                 |        |
| white   | <b>IJK20616 BL</b>   | 1SYK100001A1023 | 10/200 |
| anthracite grey   | <b>IJK20616 AN</b>   | 1SYK100001A1223 | 10/200 |
| silver  | <b>IJK20616 PL</b>   | 1SYK100001A1123 | 10/200 |


|  |                    |                 |        |
|--|--------------------|-----------------|--------|
| <b>Sockets - 240 V ~</b><br>6/20A socket<br>Number of modules: 2 |                    |                 |        |
| white  | <b>IJK20620 BL</b> | 1SYK100001A1024 | 10/200 |
| anthracite grey  | <b>IJK20620 AN</b> | 1SYK100001A1224 | 10/200 |
| silver   | <b>IJK20620 PL</b> | 1SYK100001A1124 | 10/200 |


|  |                    |                 |        |
|--|--------------------|-----------------|--------|
| <b>Sockets - 240 V ~</b><br>6/25A socket<br>Number of modules: 2 |                    |                 |        |
| white  | <b>IJK20625 BL</b> | 1SYK100001A1025 | 10/200 |
| anthracite grey  | <b>IJK20625 AN</b> | 1SYK100001A1225 | 10/200 |
| silver   | <b>IJK20625 PL</b> | 1SYK100001A1125 | 10/200 |

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Sockets - 240 V ~</b><br>6A 2 pin socket<br>Number of modules: 1 |                 |        |
| white   | <b>IJK10006 BL</b>  | 1SYK100001A1026 | 20/400 |
| anthracite grey   | <b>IJK10006 AN</b>  | 1SYK100001A1226 | 20/400 |
| silver  | <b>IJK10006 PL</b>  | 1SYK100001A1126 | 20/400 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Euro-American earthed socket outlet</b><br>240 V ~<br>Rated voltage: 125/250 Vac<br>Rated current: 15/16A<br>2P+E/ NEMA 5-15R<br>Number of modules: 2 |                 |          |
| white   | <b>N2238 BL</b>  | 2CLA223800N1102 | 10       |
| anthracite grey   | <b>N2238 AN</b>  | 2CLA223800N1802 | 10       |
| silver  | <b>N2238 PL</b>  | 2CLA223800N1302 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Euro-American unearthed socket outlet</b><br>240 V ~<br>Rated voltage: 125/250 V AC<br>Rated current: 15/16A<br>2P (non-earthed)/NEMA 1-15R<br>Number of modules: 1 |                 |    |
| white   | <b>N2135 BL</b>  | 2CLA213500N1102 | 20 |
| anthracite grey   | <b>N2135 AN</b>  | 2CLA213500N1802 | 20 |
| silver  | <b>N2135 PL</b>  | 2CLA213500N1302 | 20 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>British standard socket outlet</b><br>240 V ~<br>Rated current: 13A<br>2 P+E<br>Number of modules: 2 |                 |    |
| white   | <b>N2237 BL</b>   | 2CLA223700N1102 | 10 |
| anthracite grey   | <b>N2237 AN</b>   | 2CLA223700N1302 | 10 |
| silver  | <b>N2237 PL</b>   | 2CLA223700N1802 | 10 |


|   |  |                 |       |
|---|--|-----------------|-------|
|  | <b>Shaver Socket</b><br>Number of modules: 2 |                 |       |
| white   | <b>IIM2SVSK BL</b>                           | 1SYK100001A1057 | 5/100 |
| anthracite grey   | <b>IIM2SVSK AN</b>                           | 1SYK100001A1257 | 5/100 |
| silver  | <b>IIM2SVSK PL</b>                           | 1SYK100001A1157 | 5/100 |


## IVIE

### USB chargers

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>USB charger 750mA, 1-gang</b><br>Number of modules: 1 |                 |          |
| white   | <b>N2185 BL</b>  | 2CLA218500N1102 | 1        |
| anthracite grey   | <b>N2185 AN</b>  | 2CLA218500N1802 | 1        |
| silver  | <b>N2185 PL</b>  | 2CLA218500N1302 | 1        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>USB charger 2.000mA, 1-gang</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2185.2 BL</b>  | 2CLA218520N1102 | 1 |
| anthracite grey   | <b>N2185.2 AN</b>  | 2CLA218520N1802 | 1 |
| silver  | <b>N2185.2 PL</b>  | 2CLA218520N1302 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>USB charger 1.500mA, 2-gang</b><br>Number of modules: 2 |                 |   |
| white   | <b>N2285 BL</b>  | 2CLA228500N1102 | 1 |
| anthracite grey   | <b>N2285 AN</b>  | 2CLA228500N1802 | 1 |
| silver  | <b>N2285 PL</b>  | 2CLA228500N1302 | 1 |


| Product   | Article-No.                                 | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Blank plates</b><br>Number of modules: 1 |                 |          |
| white   | <b>IIM1BLNK BL</b>                          | 1SYK100001A1041 | 20/400   |
| anthracite grey   | <b>IIM1BLNK AN</b>                          | 1SYK100001A1241 | 20/400   |
| silver  | <b>IIM1BLNK PL</b>                          | 1SYK100001A1141 | 20/400   |





# IVIE

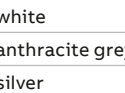
## Dimmers


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Dimmer &amp; fan regulators</b><br>Step fan regulator 5 step<br>Number of modules: 2 |                 |          |
| white   | <b>IIM2FR05 BL</b>  | 1SYK100001A1042 | 5/100    |
| anthracite grey   | <b>IIM2FR05 AN</b>  | 1SYK100001A1242 | 5/100    |
| silver  | <b>IIM2FR05 PL</b>  | 1SYK100001A1142 | 5/100    |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Dimmer &amp; fan regulators</b><br>Step fan regulator 4 step<br>Number of modules: 1 |                 |        |
| white   | <b>IIM1FR04 BL</b>  | 1SYK100001A1043 | 10/200 |
| anthracite grey   | <b>IIM1FR04 AN</b>  | 1SYK100001A1243 | 10/200 |
| silver  | <b>IIM1FR04 PL</b>  | 1SYK100001A1143 | 10/200 |

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Dimmer &amp; fan regulators</b><br>Dimmer 400 Watt<br>Number of modules: 1 |                 |        |
| white   | <b>IIM2D400 BL</b>  | 1SYK100001A1045 | 10/200 |
| anthracite grey   | <b>IIM1D400 AN</b>  | 1SYK100001A1245 | 10/200 |
| silver  | <b>IIM1D400 PL</b>  | 1SYK100001A1145 | 10/200 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Universal rotatory/push dimmer</b><br>Number of modules: 2<br>Rated voltage: 230 V AC<br>Max. power: Incandescent: 500 W<br>Halogen lamp with electronic transformer: 500 VA<br>Halogen lamp with ferromagnetic transformer: 400 VA |                 |   |
| white   | <b>N2260.2 BL</b>  | 2CLA226020N1102 | 1 |
| anthracite grey   | <b>N2260.2 AN</b>  | 2CLA226020N1802 | 1 |
| silver  | <b>N2260.2 PL</b>  | 2CLA226020N1302 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>LED rotatory/push dimmer</b><br>Number of modules: 2<br>Rated voltage: 230 V AC<br>Nominal power: 250 W/VA<br>Power (min./max load): LEDi: 2/100 W/VA (max. 10 lamps)<br>Dimmable energy saving lamps: 2/100 W/VA (max. 10 lamps)<br>LV LEDi with transformer (only type L or LC): 4/100 W/VA (max. 10 lamps)<br>Incandescent lamps: 10/250 W/VA<br>Halogen lamps: 10/250 W/VA<br>LV halogen with transformer (only type L or LC): 10/250 W/VA (max. 10 lamps)<br>2 wire connection<br>Optional: auxiliary on/off with 2-way switch N2X02 |                 |   |
| white   | <b>N2260.3 BL</b>  | 2CLA226030N1102 | 1 |
| anthracite grey   | <b>N2260.3 AN</b>  | 2CLA226030N1802 | 1 |
| silver  | <b>N2260.3 PL</b>  | 2CLA226030N1302 | 1 |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>LED rotatory/push dimmer</b><br>Number of modules: 2<br>Rated voltage: 127 V AC<br>Frequency: 50/60 Hz (Nominal power: 140 W/VA)<br>Power (min./max load): LEDi: 2/55 W/VA (max. 10 lamps)<br>Dimmable energy saving lamps: 2/55 W/VA (max. 10 lamps)<br>LV LEDi with transformer (only type L or LC): 4/55 W/VA (max. 10 lamps)<br>Incandescent lamps: 10/140 W/VA<br>Halogen lamps: 10/140 W/VA<br>LV halogen with transformer (only type L or LC): 10/140 W/VA (max. 10 lamps) |                 |          |
| white   | <b>N2260.8 BL</b>  | 2CLA226080N1102 | 1        |
| anthracite grey   | <b>N2260.8 AN</b>  | 2CLA226080N1802 | 1        |
| silver  | <b>N2260.8 PL</b>  | 2CLA226080N1302 | 1        |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>1-10V rotary dimmer</b><br>Number of modules: 2<br>Rated voltage: 127 - 230 V AC / 50 - 60 Hz<br>Max. power: 230 V AC: 700 VA, 127 V AC: 350 VA<br>Max. 6 ballasts per device |                 |   |
| white  | <b>N2260.9 BL</b>  | 2CLA226090N1102 | 1 |
| anthracite grey  | <b>N2260.9 AN</b>  | 2CLA226090N1802 | 1 |
| silver   | <b>N2260.9 PL</b>  | 2CLA226090N1302 | 1 |


## IVIE


### Data communication


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>2x RCA connection unit</b><br>Number of modules: 1 |                 |          |
| white   | <b>N2155.2 BL</b>                                     | 2CLA215520N1102 | 1        |
| anthracite grey   | <b>N2155.2 AN</b>                                     | 2CLA215520N1802 | 1        |
| silver  | <b>N2155.2 PL</b>                                     | 2CLA215520N1302 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>3x RCA connection unit</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2155.3 BL</b>                                     | 2CLA215530N1102 | 1 |
| anthracite grey   | <b>N2155.3 AN</b>                                     | 2CLA215530N1802 | 1 |
| silver  | <b>N2155.3 PL</b>                                     | 2CLA215530N1302 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Mini-Jack connection unit</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2155.4 BL</b>  | 2CLA215540N1102 | 1 |
| anthracite grey   | <b>N2155.4 AN</b>  | 2CLA215540N1802 | 1 |
| silver  | <b>N2155.4 PL</b>  | 2CLA215540N1302 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>VGA connection unit</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2155.5 BL</b>                                  | 2CLA215550N1102 | 1 |
| anthracite grey   | <b>N2155.5 AN</b>                                  | 2CLA215550N1802 | 1 |
| silver  | <b>N2155.5 PL</b>                                  | 2CLA215550N1302 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>HDMI connection unit</b><br>Number of modules: 1 |                 |          |
| white   | <b>N2155.6 BL</b>                                   | 2CLA215560N1102 | 1        |
| anthracite grey   | <b>N2155.6 AN</b>                                   | 2CLA215560N1802 | 1        |
| silver  | <b>N2155.6 PL</b>                                   | 2CLA215560N1302 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>HDMI female-female connection unit</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2155.7 BL</b>   | 2CLA215570N1102 | 1 |
| anthracite grey   | <b>N2155.7 AN</b>   | 2CLA215570N1802 | 1 |
| silver  | <b>N2155.7 PL</b>   | 2CLA215570N1302 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>USB connection unit</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2155.8 BL</b>                                  | 2CLA215580N1102 | 1 |
| anthracite grey   | <b>N2155.8 AN</b>                                  | 2CLA215580N1802 | 1 |
| silver  | <b>N2155.8 PL</b>                                  | 2CLA215580N1302 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>USB female-female connection unit</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2155.9 BL</b>  | 2CLA215590N1102 | 1 |
| anthracite grey   | <b>N2155.9 AN</b>  | 2CLA215590N1802 | 1 |
| silver  | <b>N2155.9 PL</b>  | 2CLA215590N1302 | 1 |

## IVIE

### Data communication



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Data &amp; Voice</b><br>RJ11 Tel. jack 2 pin<br>Number of modules: 1 |                 |          |
| white   | <b>IIM1RJ11 BL</b>  | 1SYK100001A1047 | 20/400   |
| anthracite grey   | <b>IIM1RJ11 AN</b>  | 1SYK100001A1247 | 20/400   |
| silver  | <b>IIM1RJ11 PL</b>  | 1SYK100001A1147 | 20/400   |

|                 |  |                 |        |
|-----------------|--|-----------------|--------|
|                 | <b>Data &amp; Voice</b><br>RJ45 Jack cat 6<br>Number of modules: 1 |                 |        |
| white           | <b>IIM1RJ45 BL</b>   | 1SYK100001A1048 | 20/400 |
| anthracite grey | <b>IIM1RJ45 AN</b>   | 1SYK100001A1248 | 20/400 |
| silver          | <b>IIM1RJ45 PL</b>   | 1SYK100001A1148 | 20/400 |







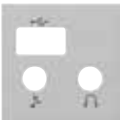

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>TV Socket</b><br>TV co-axial socket<br>Number of modules: 1 |                 |        |
| white   | <b>IIM1TVSK BL</b>   | 1SYK100001A1049 | 20/400 |
| anthracite grey   | <b>IIM1TVSK AN</b>   | 1SYK100001A1249 | 20/400 |
| silver  | <b>IIM1TVSK PL</b>   | 1SYK100001A1149 | 20/400 |

## IVIE

### Room thermostats


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Digital room thermostat</b><br>Number of modules: 2<br>Maximum load: 3A cos = 0,5<br>Output relay operation modes: Hysteresis: 0.5° C<br>Pulse-width modulation: with a ±4°C difference with the set-point temperature<br>Variable from 100% to 0% modulation<br>To be installed with N2240.5 cover plates |                 |          |
| white   | <b>8140.5</b>   | 2CLA814050A1002 | 1        |
|  | <b>Cover plate for digital thermostat</b><br>Number of modules: 2   |                 |          |
| white   | <b>N2240.5 BL</b>   | 2CLA224050N1102 | 1        |
| anthracite grey   | <b>N2240.5 AN</b>   | 2CLA224050N1802 | 1        |
| silver  | <b>N2240.5 PL</b>   | 2CLA224050N1302 | 1        |

### Multimedia


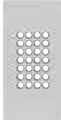


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Multiroom sound module</b><br>Number of modules: 1                    |                 |          |
| white   | <b>9368.1</b>  | 2CLA936810A1001 | 1        |
|    | <b>Remote control for multiroom sound module</b><br>Number of modules: 2 |                 |          |
| white   | <b>9368.2</b>  | 2CLA936820A1001 | 1        |
|   | <b>Cover plate for radio/remote control modules</b>                      |                 |          |
| white   | <b>N2268 BL</b>  | 2CLA226800N1102 | 1        |
|  | <b>FM-radio and alarm module</b><br>Number of modules: 2                 |                 |          |
| white   | <b>9368- FM</b>  | 2CLA936800A1001 | 1        |
|  | <b>Cover plate for radio/remote control modules</b>                      |                 |          |
| white   | <b>N2268 BL</b>  | 2CLA226800N1102 | 1        |
|  | <b>Auxiliary module</b><br>Number of modules: 2                          |                 |          |
| white   | <b>9368.3</b>  | 2CLA936830A1001 | 1        |
|  | <b>Cover plate for I/O + USB + Bluetooth module</b>                      |                 |          |
| white   | <b>N2268.3 BL</b>  | 2CLA226830N1102 | 1        |
|  | <b>Speaker connection unit</b><br>Number of modules: 2                   |                 |          |
| white   | <b>N2257.1 BL</b>  | 2CLA225710N1102 | 1        |

## IVIE

### Movement detectors


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>110° motion sensor</b><br>Number of modules: 2<br>Max. power:<br>- Incandescent: 1.800W @230V AC/1.000W @127V AC<br>- Halogen with electronic or ferromagnetic transformer: 750VA @230V AC/400VA @127V AC<br>- Fluorescent lamps or motors: 400VA @230V AC/200VA @127V AC<br>For automatic switching of devices dependent on motion and brightness<br>With integrated selector switch for automatic ON-OFF in the front side<br>Switch-off delay: 10 sec. to 10 min. or short-time pulse 1 sec adjustable (from the front side)<br>Detection range: 5 m radius<br>Adjustable light set point level for activation (from the front side)<br>Detection angle: 110°<br>Mounting height: 1, 2 m auxiliary control with N2X04.X push-buttons |                 |          |
| white   | <b>N2241 BL</b>  | 2CLA224100N1102 | 1        |
| anthracite grey   | <b>N2241 AN</b>  | 2CLA224100N1802 | 1        |
| silver  | <b>N2241 PL</b>  | 2CLA224100N1302 | 1        |


### Buzzer / Door bell


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Buzzer &amp; door bell</b><br>Buzzer<br>Number of modules: 2 |                 |          |
| white   | <b>IIM2BUZR BL</b>  | 1SYK100001A1054 | 5/100    |
| anthracite grey   | <b>IIM2BUZR AN</b>  | 1SYK100001A1254 | 5/100    |
| silver  | <b>IIM2BUZR PL</b>  | 1SYK100001A1154 | 5/100    |
|    | <b>Buzzer</b><br>Number of modules: 1                           |                 |          |
| white   | <b>N2119 BL</b>   | 2CLA211900N1102 | 1        |
| anthracite grey   | <b>N2119 AN</b>   | 2CLA211900N1802 | 1        |
| silver  | <b>N2119 PL</b>   | 2CLA211900N1302 | 1        |
|  | <b>Buzzer</b><br>Number of modules: 2                           |                 |          |
| white   | <b>N2219 BL</b>   | 2CLA221900N1102 | 1        |
| anthracite grey   | <b>N2219 AN</b>   | 2CLA221900N1802 | 1        |
| silver  | <b>N2219 PL</b>   | 2CLA221900N1302 | 1        |
|  | <b>Electronic door bell 230 V AC</b><br>Number of modules: 2    |                 |          |
| white   | <b>N2224 BL</b>   | 2CLA222400N1102 | 1        |
| anthracite grey   | <b>N2224 AN</b>   | 2CLA222400N1802 | 1        |
| silver  | <b>N2224 PL</b>   | 2CLA222400N1302 | 1        |


## IVIE


### Signaling and lighting systems


| Product   | Article-No.                              | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Indicator</b><br>Number of modules: 1 |                 |          |
| white   | <b>IIM1INDI BL</b>                       | 1SYK100001A1053 | 20/400   |
| anthracite grey   | <b>IIM1INDI AN</b>                       | 1SYK100001A1253 | 20/400   |
| silver  | <b>IIM1INDI PL</b>                       | 1SYK100001A1153 | 20/400   |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>LED white signaling light</b><br>Number of modules: 1<br>Lamp: white LED<br>Luminous flux: > 2 lumen at 1 meter, white diffuser |                 |   |
| white   | <b>N2180 BL</b>  | 2CLA218000N1102 | 5 |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>LED red signaling light</b><br>Number of modules: 1<br>Lamp: white LED<br>Luminous flux: > 2 lumen at 1 meter, Red diffuser |                 |   |
| white  | <b>N2180 RJ</b>  | 2CLA218000N1602 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>LED red signaling light</b><br>Number of modules: 1<br>Lamp: white LED<br>Luminous flux: > 2 lumen at 1 meter, Green diffuser |                 |   |
| white   | <b>N2180 VD</b>  | 2CLA218000N1802 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>LED signaling light</b><br>Number of modules: 2<br>Lamp: white LED<br>Luminous flux: > 2 lumen at 1 meter, White diffuser |                 |   |
| white   | <b>N2280 BL</b>  | 2CLA228000N1102 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Beacon LED light</b><br>Number of modules: 2<br>Lamp: white LED<br>Luminous flux: > 2 lumen at 1 meter, white diffuser<br>Autonomy: 3 hours (1 hour at maximum illumination<br>2 hours with lower illumination)<br>Battery: Ni-MH (estimated lifetime: 4 years) |                 |   |
| white   | <b>N2281 BL</b>  | 2CLA228100N1102 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>DND &amp; MMR</b><br>DND and MMR set internal & external<br>Number of modules: 2+3 |                 |          |
| white   | <b>IIM1DNDS BL</b>  | 1SYK100001A1055 | 5/100    |
| anthracite grey   | <b>IIM1DNDS AN</b>  | 1SYK100001A1255 | 5/100    |
| silver  | <b>IIM1DNDS PL</b>  | 1SYK100001A1155 | 5/100    |




|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>DND/MUR 2-gang interlocked switch</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2244.5 BL</b>  | 2CLA224450N1102 | 1 |
| anthracite grey   | <b>N2244.5 AN</b>  | 2CLA224450N1802 | 1 |
| silver  | <b>N2244.5 PL</b>  | 2CLA224450N1302 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>LED MUR signaling light</b><br>Number of modules: 2 |                 |   |
| white   | <b>N2180.5 BL</b>                                      | 2CLA218050N1102 | 1 |
| anthracite grey   | <b>N2180.5 AN</b>                                      | 2CLA218050N1802 | 1 |
| silver  | <b>N2180.5 PL</b>                                      | 2CLA218050N1302 | 1 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>LED DND signaling light</b><br>Number of modules: 1 |                 |   |
| white   | <b>N2180.4 BL</b>                                      | 2CLA218040N1102 | 1 |
| anthracite grey   | <b>N2180.4 AN</b>                                      | 2CLA218040N1802 | 1 |
| silver  | <b>N2180.4 PL</b>                                      | 2CLA218040N1302 | 1 |


## IVIE


### Other products


| Product  | Article-No.   | Order-No.          | Pack/Qty        |       |
|--|---|--------------------|-----------------|-------|
|   | <b>Starters</b><br>Single Phase Starter 20A<br>Number of modules: 2 |                    |                 |       |
|  | white   | <b>IIM2ST20 BL</b> | 1SYK100001A1051 | 5/100 |
|   | <b>Starters</b><br>Single Phase Starter 25A<br>Number of modules: 2 |                    |                 |       |
|  | white   | <b>IIM2ST25 BL</b> | 1SYK100001A1052 | 5/100 |
|  | <b>Down lighter</b><br>Number of modules: 3                         |                    |                 |       |
|  | white   | <b>IIM3DOWN BL</b> | 1SYK100001A1059 | 5/100 |
|  | anthracite grey   | <b>IIM3DOWN AN</b> | 1SYK100001A1259 | 5/100 |
|  | silver  | <b>IIM3DOWN PL</b> | 1SYK100001A1159 | 5/100 |


## IVIE

### Cover frames

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Plate with frame</b><br>1M plate<br>Number of modules: 1 |                 |          |
| white   | <b>IIP0133 BL</b>   | 1SYK100001A1071 | 15/360   |
| anthracite grey   | <b>IIP0133 AN</b>   | 1SYK100001A1271 | 15/360   |
| silver  | <b>IIP0133 PL</b>   | 1SYK100001A1171 | 15/360   |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Plate with frame</b><br>2M plate<br>Number of modules: 2 |                 |        |
| white   | <b>IIP0233 BL</b>   | 1SYK100001A1072 | 15/360 |
| anthracite grey   | <b>IIP0233 AN</b>   | 1SYK100001A1272 | 15/360 |
| silver  | <b>IIP0233 PL</b>   | 1SYK100001A1172 | 15/360 |

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Plate with frame</b><br>3M plate power<br>Number of modules: 3 |                 |        |
| white   | <b>IIPP343 BL</b>   | 1SYK100001A1073 | 10/240 |
| anthracite grey   | <b>IIPP343 AN</b>   | 1SYK100001A1273 | 10/240 |
| silver  | <b>IIPP343 PL</b>   | 1SYK100001A1173 | 10/240 |


|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Plate with frame</b><br>3M plate<br>Number of modules: 3 |                 |        |
| white   | <b>IIP0343 BL</b>   | 1SYK100001A1074 | 10/240 |
| anthracite grey   | <b>IIP0343 AN</b>   | 1SYK100001A1274 | 10/240 |
| silver  | <b>IIP0343 PL</b>   | 1SYK100001A1174 | 10/240 |

|                 |   |                 |        |
|-----------------|---|-----------------|--------|
|                 | <b>Plate with frame</b><br>4M plate<br>Number of modules: 4 |                 |        |
| white           | <b>IIP0453 BL</b>   | 1SYK100001A1075 | 10/190 |
| anthracite grey | <b>IIP0453 AN</b>   | 1SYK100001A1275 | 10/190 |
| silver          | <b>IIP0453 PL</b>   | 1SYK100001A1175 | 10/190 |

| Product         | Article-No.   | Order-No.       | Pack/Qty |
|-----------------|---|-----------------|----------|
|                 | <b>Plate with frame</b><br>6M plate<br>Number of modules: 6 |                 |          |
| white           | <b>IIP0683 BL</b>   | 1SYK100001A1076 | 5/120    |
| anthracite grey | <b>IIP0683 AN</b>   | 1SYK100001A1276 | 5/120    |
| silver          | <b>IIP0683 PL</b>   | 1SYK100001A1176 | 5/120    |

|   |   |                 |       |
|---|---|-----------------|-------|
|  | <b>Plate with frame</b><br>8M plate<br>Number of modules: 8 |                 |       |
| white   | <b>IIP0893 BL</b>   | 1SYK100001A1077 | 5/120 |
| anthracite grey   | <b>IIP0893 AN</b>   | 1SYK100001A1277 | 5/120 |
| silver  | <b>IIP0893 PL</b>   | 1SYK100001A1177 | 5/120 |

|                 |  |                 |      |
|-----------------|--|-----------------|------|
|                 | <b>Plate with frame</b><br>8M plate square<br>Number of modules: 8 |                 |      |
| white           | <b>IIP0855 BL</b>  | 1SYK100001A1078 | 5/95 |
| anthracite grey | <b>IIP0855 AN</b>  | 1SYK100001A1278 | 5/95 |
| silver          | <b>IIP0855 PL</b>  | 1SYK100001A1178 | 5/95 |



|   |   |                 |      |
|---|---|-----------------|------|
|  | <b>Plate with frame</b><br>12M plate<br>Number of modules: 12 |                 |      |
| white   | <b>IIP1286 BL</b>   | 1SYK100001A1079 | 5/95 |
| anthracite grey   | <b>IIP1286 AN</b>   | 1SYK100001A1279 | 5/95 |
| silver  | <b>IIP1286 PL</b>   | 1SYK100001A1179 | 5/95 |



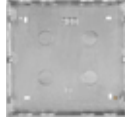
|                 |   |                 |      |
|-----------------|---|-----------------|------|
|                 | <b>Plate with frame</b><br>18M plate<br>Number of modules: 18 |                 |      |
| white           | <b>IIP1888 BL</b>   | 1SYK100001A1080 | 5/40 |
| anthracite grey | <b>IIP1888 AN</b>   | 1SYK100001A1280 | 5/40 |
| silver          | <b>IIP1888 PL</b>   | 1SYK100001A1180 | 5/40 |



## IVIE

### Installation boxes

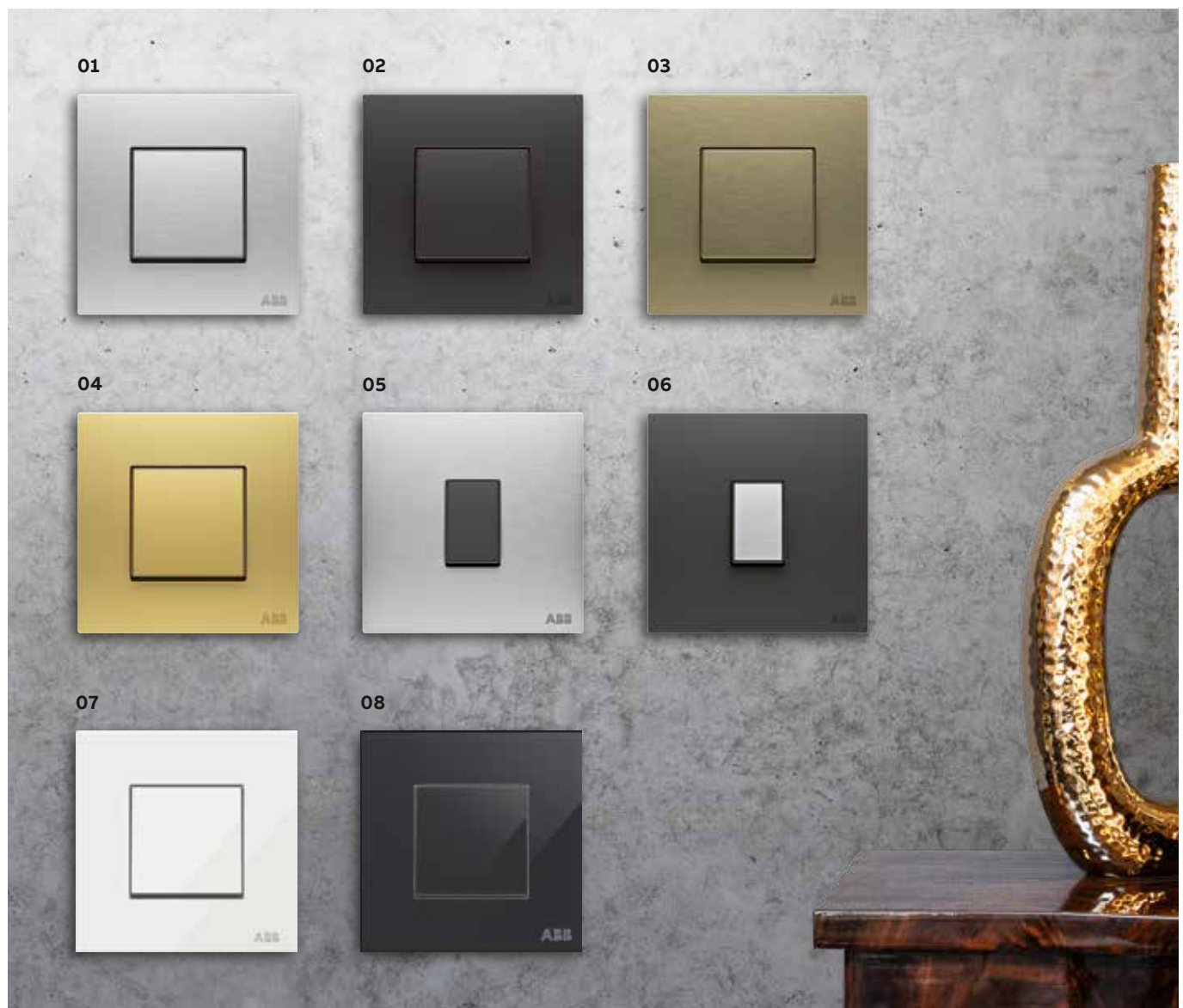
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Flush boxes</b><br>1-2 M Metal Box<br>Number of modules: 1/2 |                 |          |
|   | <b>IAB0233W</b>   | 1SYK100001A1441 | 24       |
|   | <b>Flush boxes</b><br>3 M Metal Box<br>Number of modules: 3     |                 |          |
|   | <b>IAB0343W</b>   | 1SYK100001A1442 | 18       |
|  | <b>Flush boxes</b><br>4 M Metal Box<br>Number of modules: 4     |                 |          |
|   | <b>IAB0453W</b>   | 1SYK100001A1443 | 18       |
|   | <b>Flush boxes</b><br>6 M Metal Box<br>Number of modules: 6     |                 |          |
|   | <b>IAB0683W</b>   | 1SYK100001A1444 | 12       |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Flush boxes</b><br>8 M Metal Box<br>Number of modules: 8        |                 |          |
|   | <b>IAB0893W</b>  | 1SYK100001A1445 | 12       |
|   | <b>Flush boxes</b><br>8 M Metal Box Square<br>Number of modules: 8 |                 |          |
|   | <b>IAB0855W</b>  | 1SYK100001A1446 | 7        |
|    | <b>Flush boxes</b><br>12M Metal Box<br>Number of modules: 12       |                 |          |
|   | <b>IAB1286W</b>  | 1SYK100001A1447 | 5        |
|  | <b>Flush boxes</b><br>18 M Metal Box<br>Number of modules: 18      |                 |          |
|   | <b>IAB1888W</b>  | 1SYK100001A1448 | 5        |

# Millenium

## Distinct sophistication.

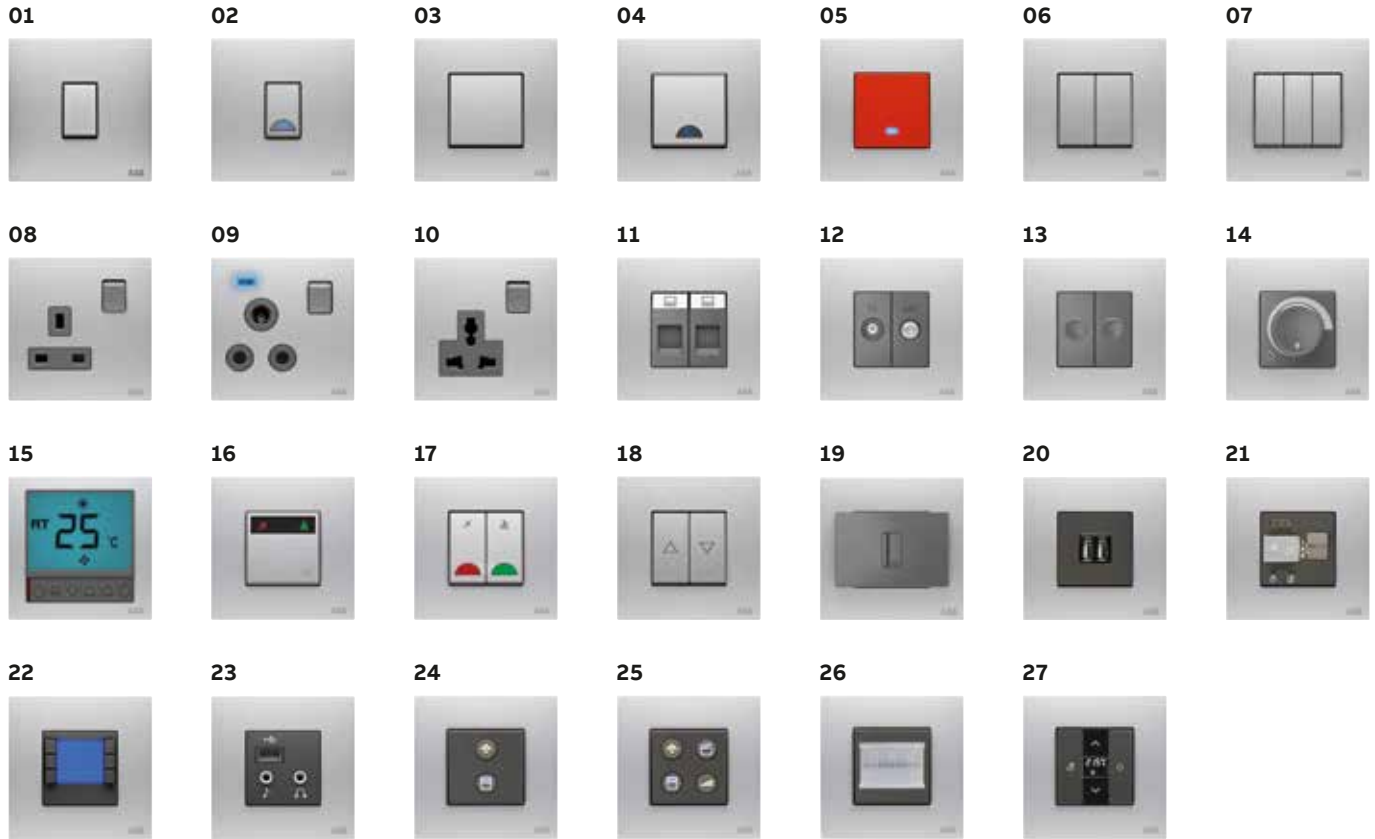
Cool. Conspicuous. Clever. Striking metal light switches in square and ultra slim designs. Millenium surprises with its complexity and functional solutions designed for any interior, any building. A wide range of KNX sensors meet the highest of customer demands. Engineered to offer maximum comfort and happiness.



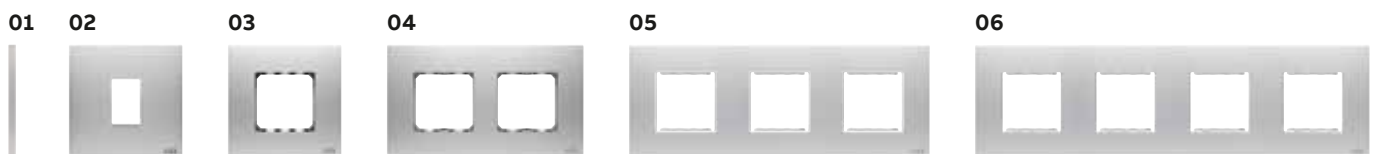
- |                    |  |
|--------------------|--|
| 01 stainless steel | 05 stainless steel frame - silk black switch |
| 02 silk black      | 06 silk black frame - stainless steel switch |
| 03 antique gold    | 07 white glass frame - white glass switch    |
| 04 matt gold       | 08 black glass frame - black glass switch    |

## Millenium

Selected functions.



- |  |   |   |
|--|---|---|
| 01 1-gang 1-way switch                           | 09 BS double pole round pin switched socket outlet with led | 18 Blind control switch                       |
| 02 Double pole switch, with status indicator led | 10 Universal socket outlet                                  | 19 Card switch                                |
| 03 1-gang 2-way switch, premium rocker           | 11 2-gang computer outlet, RJ45                             | 20 USB charging socket                        |
| 04 Switch, with bell symbol, premium rocker      | 12 TV / SAT outlet  | 21 Movement detector                          |
| 05 Double pole switch, status indicator led, 45A | 13 1-gang double rotary dimmer                              | 22 FM stereo receiver with RDS                |
| 06 2-gang 1-way switch                           | 14 Rotary dimmer  | 23 USB and Bluetooth® entry/exit module       |
| 07 3-gang 2-way switch                           | 15 Thermostat controller, 2 pipe system with blue display   | 24 Switch 1/2-gang ABB-free@home®             |
| 08 BS single pole switched socket outlet         | 16 Bell push switch DND / MUR by LED signalling             | 25 Switch 2/4-gang ABB-free@home®             |
|  | 17 2-gang switch DND / MUR by LED signaling                 | 26 Movement detector ABB-free@home®           |
|  |   | 27 Room temperature controller ABB-free@home® |



1- to 4-gang frame

- |                             |                              |
|-----------------------------|------------------------------|
| 01 Side view, 4 x 86 mm     | 04 Frame 2-gang, 86 x 147 mm |
| 02 Frame 1-gang, 86 x 86 mm | 05 Frame 3-gang, 86 x 228 mm |
| 03 Frame 1-gang, 86 x 86 mm | 06 Frame 4-gang, 86 x 293 mm |



For more information about light switch ranges visit ABB global web sites.

# Features and benefits

Full range of ABB i-bus® KNX, ABB-free@home® sensors, innovative, intuitive and visually elegant. Millenium gives answer to the future by providing comfort, safety, and energy saving.



Millenium collection is a grid type system enabling combination of colours and products of different dimension and functionality. The three type of switch dimensions together with the ABB i-bus® KNX, ABB-free@home® sensors and other functions, have to be composed with the required frame in order to have the right assortment of functionality and design. In ABB i-bus® KNX sensors we have the possibility to adjoin to the frame the special metal mounting plate that allows to reduce the height so as to maintain the ultra slim line for KNX functionalities.



— Mounting Plate

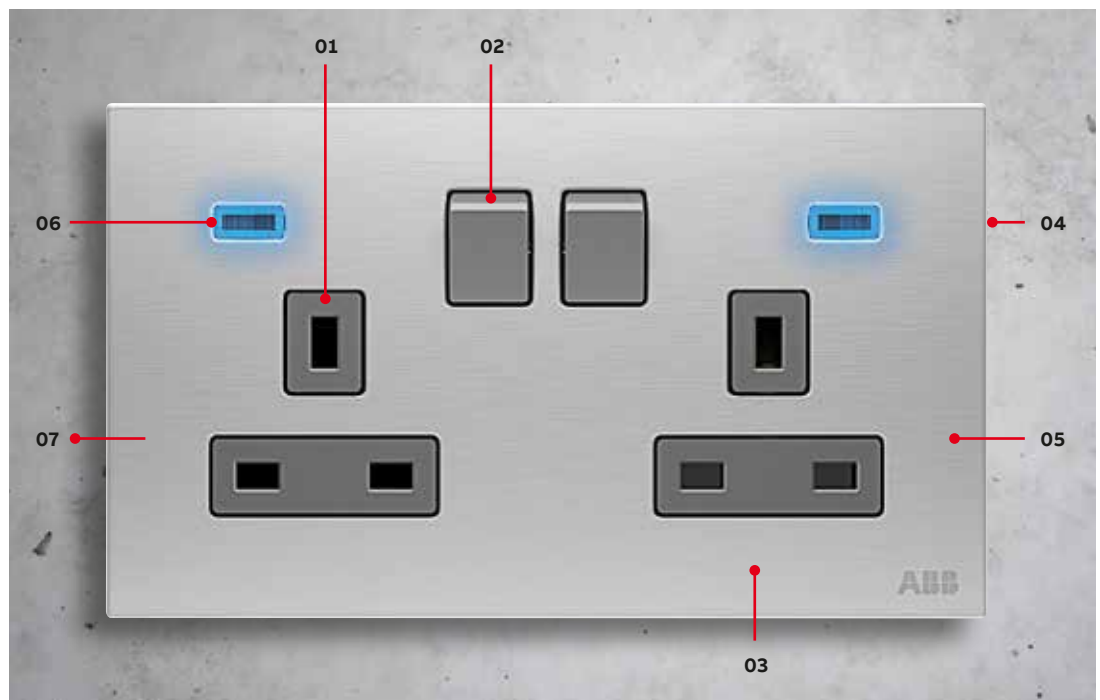


— Premium rocker switch



— Frame

- 01 Earth Pin Child safety shutter system. Designed to inhibit access to electricity supply
- 02 Double pole switching
- 03 Four high quality finishes combinable to reach sixteen combinations in Stainless Steel material AISI 304
- 04 Styling slim-line design frontplate profile only 4 mm
- 05 Adaptable to the market wallboxes
- 06 Load indicator in blue LED. Less energy consumption, more durability and stylish signaling
- 07 Pure Stainless Steel AISI 304 with highest corrosion protection



## Millenium – Complete sets (AM)



Millenium offers high quality complete sets. Each unique reference contains mechanism, frame and mounting plate; making easier the ordering, handling and installation. A reliable and complete collection with all functionality at first sight.

Millenium offers a wide and elegant choice of finishes in stainless steel AISI 304 material: from the Brush Stainless Steel, to the soft new touch given by the Silk Black, and the luxury of the sophisticated gold finishes, Matt Gold and Antique Gold.

**ST** Stainless Steel

**SB** Silk Black \*

**MG** Matt Gold






**AG** Antique Gold





**WG** White Glass

**BG** Black Glass

\* Silk Black not suitable to installation outdoors

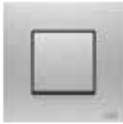
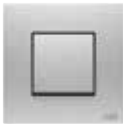
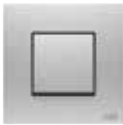
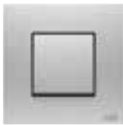
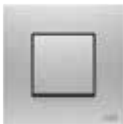


### 1 Gang switches - Standard rocker



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, SP 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX        |                 |          |
| Stainless Steel   | <b>AM10120-ST</b>   | 2CLA610109N1101 | 1        |
|  | <b>Switch 1-gang, 2-way, SP 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX        |                 |          |
| Stainless Steel   | <b>AM10520-ST</b>   | 2CLA610209N1101 | 1        |
|  | <b>Switch 1-gang, intermediate, SP 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX |                 |          |
| Stainless Steel   | <b>AM11920-ST</b>   | 2CLA611009N1101 | 1        |
|  | <b>Switch 1-gang, 1-way, SP 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX        |                 |          |
| Stainless Steel   | <b>AM11020-ST</b>   | 2CLA610119N1101 | 1        |
|  | <b>Switch 1-gang, 2-way, SP 20 AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX       |                 |          |
| Stainless Steel   | <b>AM11520-ST</b>   | 2CLA610219N1101 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, DP 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Status indicator LED                      |                 |          |
| Stainless Steel   | <b>AM11120-ST</b>   | 2CLA610139N1101 | 1        |
|  | <b>Switch 1-gang, 1-way, DP water heater 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Water heater indicator LED   |                 |          |
| Stainless Steel   | <b>AM10920-ST</b>   | 2CLA610149N1101 | 1        |
|  | <b>Push-button 1-gang, 1-way, SP 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A   |                 |          |
| Stainless Steel   | <b>AM43020-ST</b>   | 2CLA610409N1101 | 1        |
|  | <b>Push-button 1-gang, 1-way, SP with bell symbol</b><br>Rated voltage: 250Vac<br>Rated current: 10A<br>Bell symbol indicator LED |                 |          |
| Stainless Steel   | <b>AM42920-ST</b>   | 2CLA610449N1101 | 1        |

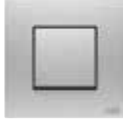

## Millenium - Complete sets (AM)

### 1 Gang switches. Premium rocker

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Switch 1-gang, 1-way, SP premium 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Premium size rocker                              |                 |          |
| Stainless Steel   | <b>AM10144-ST</b>  | 2CLA620109N1101 | 1        |
|    | <b>Switch 1-gang, 2-way, SP premium 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Premium size rocker                              |                 |          |
| Stainless Steel   | <b>AM10544-ST</b>  | 2CLA620209N1101 | 1        |
|   | <b>Switch 1-gang, intermediate, SP premium 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Premium size rocker                       |                 |          |
| Stainless Steel   | <b>AM11944-ST</b>  | 2CLA621009N1101 | 1        |
|  | <b>Switch 1-gang, 1-way, SP premium 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Premium size rocker                              |                 |          |
| Stainless Steel   | <b>AM11044-ST</b>  | 2CLA620119N1101 | 1        |
|  | <b>Switch 1-gang, 2-way, SP premium 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Premium size rocker                              |                 |          |
| Stainless Steel   | <b>AM11544-ST</b>  | 2CLA620219N1101 | 1        |
|  | <b>Switch 1-gang, 2-way, DP premium 20AX w/LED</b><br>Rated voltage: 250Vac<br>Rated current: 20A<br>Status indicator LED<br>Premium size rocker |                 |          |
| Stainless Steel   | <b>AM11144-ST</b>  | 2CLA620139N1101 | 1        |
|  | <b>Switch 1-gang, 2-way, DP premium 32AX w/LED</b><br>Rated voltage: 250Vac<br>Rated current: 32A<br>Status indicator LED<br>Premium size rocker |                 |          |
| Stainless Steel   | <b>AM11244-ST</b>  | 2CLA620189N1101 | 1        |

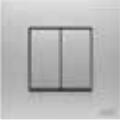
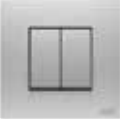


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, DP premium 45A</b><br>Rated voltage: 250Vac<br>Rated current: 45A<br>Status indicator LED<br>Premium size rocker                                    |                 |          |
| Stainless Steel   | <b>AM17744-ST</b>  | 2CLA620149N1101 | 1        |
| Silk Black  | <b>AM17744-SB</b>  | 2CLA620149N1501 | 1        |
| Antique Gold  | <b>AM17744-AG</b>  | 2CLA620149N1601 | 1        |
| Matt Gold   | <b>AM17744-MG</b>  | 2CLA620149N1701 | 1        |
| White Glass   | <b>AM17744-WG</b>  | 2CLA620149N3001 | 1        |
| Black Glass   | <b>AM17744-BG</b>  | 2CLA620149N3101 | 1        |
|  | <b>Switch 1-gang, 1-way, DP premium 45A, large size</b><br>Rated voltage: 250Vac<br>Rated current: 45A<br>Status indicator LED<br>Premium size rocker<br>For 6x3 inch. boxes |                 |          |
| Stainless Steel   | <b>AM17844-ST</b>  | 2CLA620169N1101 | 1        |
| Silk Black  | <b>AM17844-SB</b>  | 2CLA620169N1501 | 1        |
| Antique Gold  | <b>AM17844-AG</b>  | 2CLA620169N1601 | 1        |
| Matt Gold   | <b>AM17844-MG</b>  | 2CLA620169N1701 | 1        |
| White Glass   | <b>AM17844-WG</b>  | 2CLA620169N3001 | 1        |
| Black Glass   | <b>AM17844-BG</b>  | 2CLA620169N3101 | 1        |

### 1 Gang push buttons - Premium rocker

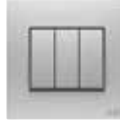
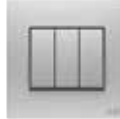
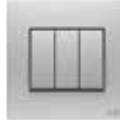
|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Push-button 1-gang, 1-way, SP premium 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A<br>Premium size rocker  |                 |   |
| Stainless Steel   | <b>AM43044-ST</b>   | 2CLA620409N1101 | 1 |
|  | <b>Push-button 1-gang, 1-way, SP premium w/bell symbol 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A<br>Bell symbol indicator LED<br>Premium size rocker |                 |   |
| Stainless Steel   | <b>AM42944-ST</b>   | 2CLA620449N1101 | 1 |

## Millenium - Complete sets (AM)

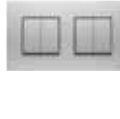
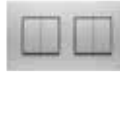
### 2 Gang switches

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Switch 2-gang, 1-way, SP 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 2 x 10AX |                 |          |
| Stainless Steel   | <b>AM10244-ST</b>  | 2CLA621109N1101 | 1        |
|    | <b>Switch 2-gang, 2-way, SP 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 2 x 10AX |                 |          |
| Stainless Steel   | <b>AM10644-ST</b>  | 2CLA622209N1101 | 1        |
|   | <b>Switch 2-gang, 1-way, SP 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 2 x 20AX |                 |          |
| Stainless Steel   | <b>AM11444-ST</b>  | 2CLA621119N1101 | 1        |
|  | <b>Switch 2-gang, 2-way, SP 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 2 x 20AX |                 |          |
| Stainless Steel   | <b>AM11644-ST</b>  | 2CLA622219N1101 | 1        |


### 3 Gang switches

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>Switch 3-gang, 2-way, SP 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX Total      |                 |          |
| Stainless Steel  | <b>AM10753-ST</b>   | 2CLA630209N1101 | 1        |
|   | <b>Switch 3-gang, 2-way, SP 16AX</b><br>Rated voltage: 250Vac<br>Rated current: 16AX Total      |                 |          |
| Stainless Steel  | <b>AM12153-ST</b>   | 2CLA630219N1101 | 1        |
|  | <b>Push-button 3-gang, 1-way, SP 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX Total |                 |          |
| Stainless Steel  | <b>AM43053-ST</b>   | 2CLA630409N1101 | 1        |

### 4 Gang switches


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 4-gang, 2-way, SP 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 4 x 10AX |                 |   |
| Stainless Steel   | <b>AM19188-ST</b>  | 2CLA640209N1101 | 1 |
|  | <b>Switch 4-gang, 2-way, SP 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 4 x 20AX |                 |   |
| Stainless Steel   | <b>AM19588-ST</b>  | 2CLA640219N1101 | 1 |

### Other


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Fan isolator 3 poles 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A<br>Premium size rocker |                 |   |
| Stainless Steel   | <b>AM13444-ST</b>   | 2CLA620509N1101 | 1 |

## Millenium - Complete sets (AM)


### Socket outlets

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|  | <b>BS SP switched socket outlet 13A</b><br>Rated voltage: 250Vac<br>Rated current: 13A<br>Single pole<br>Dual earth with child safety shutter system |           |          |


|                 |                   |                 |   |
|-----------------|-------------------|-----------------|---|
| Stainless Steel | <b>AM23386-ST</b> | 2CLA623739N1101 | 1 |
| Silk Black      | <b>AM23386-SB</b> | 2CLA623739N1501 | 1 |
| Antique Gold    | <b>AM23386-AG</b> | 2CLA623739N1601 | 1 |
| Matt Gold       | <b>AM23386-MG</b> | 2CLA623739N1701 | 1 |
| White Glass     | <b>AM23386-WG</b> | 2CLA623739N3001 | 1 |
| Black Glass     | <b>AM23386-BG</b> | 2CLA623739N3101 | 1 |

|   |  |  |  |
|---|--|--|--|
|  | <b>BS DP switched socket outlet 13A</b><br>Rated voltage: 250Vac<br>Rated current: 13A<br>Double pole<br>Dual earth with child safety shutter system |  |  |
|---|--|--|--|


|                 |                   |                 |   |
|-----------------|-------------------|-----------------|---|
| Stainless Steel | <b>AM23786-ST</b> | 2CLA623719N1101 | 1 |
| Silk Black      | <b>AM23786-SB</b> | 2CLA623719N1501 | 1 |
| Antique Gold    | <b>AM23786-AG</b> | 2CLA623719N1601 | 1 |
| Matt Gold       | <b>AM23786-MG</b> | 2CLA623719N1701 | 1 |
| White Glass     | <b>AM23786-WG</b> | 2CLA623719N3001 | 1 |
| Black Glass     | <b>AM23786-BG</b> | 2CLA623719N3101 | 1 |

|   |   |  |  |
|---|---|--|--|
|  | <b>BS SP switched socket outlet w/LED 13A</b><br>Rated voltage: 250Vac<br>Rated current: 13A<br>Single pole<br>Indicator LED<br>Dual earth with child safety shutter system |  |  |
|---|---|--|--|


|                 |                   |                 |   |
|-----------------|-------------------|-----------------|---|
| Stainless Steel | <b>AM23486-ST</b> | 2CLA623749N1101 | 1 |
| Silk Black      | <b>AM23486-SB</b> | 2CLA623749N1501 | 1 |
| Antique Gold    | <b>AM23486-AG</b> | 2CLA623749N1601 | 1 |
| Matt Gold       | <b>AM23486-MG</b> | 2CLA623749N1701 | 1 |
| White Glass     | <b>AM23486-WG</b> | 2CLA623749N3001 | 1 |
| Black Glass     | <b>AM23486-BG</b> | 2CLA623749N3101 | 1 |

|   |   |  |  |
|---|---|--|--|
|  | <b>BS DP switched socket outlet w/LED 13A</b><br>Rated voltage: 250Vac<br>Rated current: 13A<br>Double pole<br>Indicator LED<br>Dual earth with child safety shutter system |  |  |
|---|---|--|--|


|                 |                   |                 |   |
|-----------------|-------------------|-----------------|---|
| Stainless Steel | <b>AM23886-ST</b> | 2CLA623729N1101 | 1 |
| Silk Black      | <b>AM23886-SB</b> | 2CLA623729N1501 | 1 |
| Antique Gold    | <b>AM23886-AG</b> | 2CLA623729N1601 | 1 |
| Matt Gold       | <b>AM23886-MG</b> | 2CLA623729N1701 | 1 |
| White Glass     | <b>AM23886-WG</b> | 2CLA623729N3001 | 1 |
| Black Glass     | <b>AM23886-BG</b> | 2CLA623729N3101 | 1 |

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|  | <b>BS DP switched socket outlet, 2-gang 13A</b><br>Rated voltage: 250Vac<br>Rated current: 13A<br>Double pole<br>Dual earth with child safety shutter system |           |          |

|                 |                    |                 |   |
|-----------------|--------------------|-----------------|---|
| Stainless Steel | <b>AM239147-ST</b> | 2CLA643719N1101 | 1 |
| Silk Black      | <b>AM239147-SB</b> | 2CLA643719N1501 | 1 |
| Antique Gold    | <b>AM239147-AG</b> | 2CLA643719N1601 | 1 |
| Matt Gold       | <b>AM239147-MG</b> | 2CLA643719N1701 | 1 |
| White Glass     | <b>AM239147-WG</b> | 2CLA643719N3001 | 1 |
| Black Glass     | <b>AM239147-BG</b> | 2CLA643719N3101 | 1 |

|   |  |  |  |
|---|--|--|--|
|  | <b>BS DP switched SO w/LED, 2-gang 13A</b><br>Rated voltage: 250Vac<br>Rated current: 13A<br>Double pole<br>Indicator LED<br>Dual earth with child safety shutter system |  |  |
|---|--|--|--|

|                 |                    |                 |   |
|-----------------|--------------------|-----------------|---|
| Stainless Steel | <b>AM240147-ST</b> | 2CLA643729N1101 | 1 |
| Silk Black      | <b>AM240147-SB</b> | 2CLA643729N1501 | 1 |
| Antique Gold    | <b>AM240147-AG</b> | 2CLA643729N1601 | 1 |
| Matt Gold       | <b>AM240147-MG</b> | 2CLA643729N1701 | 1 |
| White Glass     | <b>AM240147-WG</b> | 2CLA643729N3001 | 1 |
| Black Glass     | <b>AM240147-BG</b> | 2CLA643729N3101 | 1 |




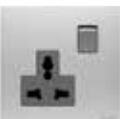
|   |  |  |  |
|---|--|--|--|
|  | <b>Cooker control unit</b><br>Rated voltage: 250Vac<br>Main switch:<br>Rated current: 45A<br>Double pole<br>Indicator LED<br>Socket outlet:<br>Rated current: 13A<br>Child safety shutter system<br>Indicator LED<br>Flush wall box 45mm |  |  |
|---|--|--|--|

|                 |                    |                 |   |
|-----------------|--------------------|-----------------|---|
| Stainless Steel | <b>AM118147-ST</b> | 2CLA643749N1101 | 1 |
| Silk Black      | <b>AM118147-SB</b> | 2CLA643749N1501 | 1 |
| Antique Gold    | <b>AM118147-AG</b> | 2CLA643749N1601 | 1 |
| Matt Gold       | <b>AM118147-MG</b> | 2CLA643749N1701 | 1 |
| White Glass     | <b>AM118147-WG</b> | 2CLA643749N3001 | 1 |
| Black Glass     | <b>AM118147-BG</b> | 2CLA643749N3101 | 1 |







## Millenium - Complete sets (AM)

### Socket outlets


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>BS DP round pin switched outlet 5A</b><br>Rated voltage: 250Vac<br>Rated current: 5A<br>Double pole<br>Child safety shutter system                          |                 |          |
| Stainless Steel   | <b>AM22186-ST</b>  | 2CLA623759N1101 | 1        |
| Silk Black  | <b>AM22186-SB</b>  | 2CLA623759N1501 | 1        |
| Antique Gold  | <b>AM22186-AG</b>  | 2CLA623759N1601 | 1        |
| Matt Gold   | <b>AM22186-MG</b>  | 2CLA623759N1701 | 1        |
| White Glass   | <b>AM22186-WG</b>  | 2CLA623759N3001 | 1        |
| Black Glass   | <b>AM22186-BG</b>  | 2CLA623759N3101 | 1        |
|    | <b>BS DP round pin switched outlet 15A</b><br>Rated voltage: 250Vac<br>Rated current: 15A<br>Double pole<br>Child safety shutter system                        |                 |          |
| Stainless Steel   | <b>AM20986-ST</b>  | 2CLA623769N1101 | 1        |
| Silk Black  | <b>AM20986-SB</b>  | 2CLA623769N1501 | 1        |
| Antique Gold  | <b>AM20986-AG</b>  | 2CLA623769N1601 | 1        |
| Matt Gold   | <b>AM20986-MG</b>  | 2CLA623769N1701 | 1        |
| White Glass   | <b>AM20986-WG</b>  | 2CLA623769N3001 | 1        |
| Black Glass   | <b>AM20986-BG</b>  | 2CLA623769N3101 | 1        |
|  | <b>BS DP round pin switched outlet w/LED 15A</b><br>Rated voltage: 250Vac<br>Rated current: 15A<br>Double pole<br>Indicator LED<br>Child safety shutter system |                 |          |
| Stainless Steel   | <b>AM23186-ST</b>  | 2CLA623779N1101 | 1        |
| Silk Black  | <b>AM23186-SB</b>  | 2CLA623779N1501 | 1        |
| Antique Gold  | <b>AM23186-AG</b>  | 2CLA623779N1601 | 1        |
| Matt Gold   | <b>AM23186-MG</b>  | 2CLA623779N1701 | 1        |
| White Glass   | <b>AM23186-WG</b>  | 2CLA623779N3001 | 1        |
| Black Glass   | <b>AM23186-BG</b>  | 2CLA623779N3101 | 1        |
|  | <b>Universal switched socket outlet 13A</b><br>Rated voltage: 250Vac<br>Rated current: 13A<br>Child safety shutter system                                      |                 |          |
| Stainless Steel   | <b>AM29486-ST</b>  | 2CLA623919N1101 | 1        |
| Silk Black  | <b>AM29486-SB</b>  | 2CLA623919N1501 | 1        |
| Antique Gold  | <b>AM29486-AG</b>  | 2CLA623919N1601 | 1        |
| Matt Gold   | <b>AM29486-MG</b>  | 2CLA623919N1701 | 1        |
| White Glass   | <b>AM29486-WG</b>  | 2CLA623919N3001 | 1        |
| Black Glass   | <b>AM29486-BG</b>  | 2CLA623919N3101 | 1        |


### Socket outlets with USB charger


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>BS unswitched SO with USB charger, 1-gang 13A</b><br>Rated voltage: 250Vac / 50-60 Hz<br>Rated current: 13A<br>Unswitched<br>USB charger type A: 10.5W (5V - 2.1A)   |                 |          |
| Stainless Steel   | <b>AM23686-ST</b>   | 2CLA623798N1101 | 1        |
| Silk Black  | <b>AM23686-SB</b>   | 2CLA623798N1501 | 1        |
| Antique Gold  | <b>AM23686-AG</b>   | 2CLA623798N1601 | 1        |
| Matt Gold   | <b>AM23686-MG</b>   | 2CLA623798N1701 | 1        |
| White Glass   | <b>AM23686-WG</b>   | 2CLA623798N3001 | 1        |
| Black Glass   | <b>AM23686-BG</b>   | 2CLA623798N3101 | 1        |
|    | <b>BS SP switched SO with USB charger, 1-gang 13A</b><br>Rated voltage: 250Vac / 50-60 Hz<br>Rated current: 13A<br>Single pole<br>USB charger type A: 10.5W (5V - 2.1A) |                 |          |
| Stainless Steel   | <b>AM23586-ST</b>   | 2CLA623788N1101 | 1        |
| Silk Black  | <b>AM23586-SB</b>   | 2CLA623788N1501 | 1        |
| Antique Gold  | <b>AM23586-AG</b>   | 2CLA623788N1601 | 1        |
| Matt Gold   | <b>AM23586-MG</b>   | 2CLA623788N1701 | 1        |
| White Glass   | <b>AM23586-WG</b>   | 2CLA623788N3001 | 1        |
| Black Glass   | <b>AM23586-BG</b>   | 2CLA623788N3101 | 1        |
|  | <b>BS unswitched SO with USB charger, 2-gang 13A</b><br>Rated voltage: 250Vac / 50-60 Hz<br>Rated current: 13A<br>Unswitched<br>USB charger type A: 13W (5V - 2.6A)     |                 |          |
| Stainless Steel   | <b>AM236147-ST</b>  | 2CLA643798N1101 | 1        |
| Silk Black  | <b>AM236147-SB</b>  | 2CLA643798N1501 | 1        |
| Antique Gold  | <b>AM236147-AG</b>  | 2CLA643798N1601 | 1        |
| Matt Gold   | <b>AM236147-MG</b>  | 2CLA643798N1701 | 1        |
| White Glass   | <b>AM236147-WG</b>  | 2CLA643798N3001 | 1        |
| Black Glass   | <b>AM236147-BG</b>  | 2CLA643798N3101 | 1        |
|  | <b>BS SP switched SO with USB charger, 2-gang 13A</b><br>Rated voltage: 250Vac / 50-60 Hz<br>Rated current: 13A<br>Single pole<br>USB charger type A: 13W (5V - 2.6A)   |                 |          |
| Stainless Steel   | <b>AM235147-ST</b>  | 2CLA643788N1101 | 1        |
| Silk Black  | <b>AM235147-SB</b>  | 2CLA643788N1501 | 1        |
| Antique Gold  | <b>AM235147-AG</b>  | 2CLA643788N1601 | 1        |
| Matt Gold   | <b>AM235147-MG</b>  | 2CLA643788N1701 | 1        |
| White Glass   | <b>AM235147-WG</b>  | 2CLA643788N3001 | 1        |
| Black Glass   | <b>AM235147-BG</b>  | 2CLA643788N3101 | 1        |


## Millenium - Complete sets (AM)


### Voice data & information connectors


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Computer outlet RJ45 Cat. 6 UTP, 1-gang</b><br>8 pole<br>UTP |                 |          |
| Stainless Steel   | <b>AM33344-ST</b>   | 2CLA611869N1101 | 1        |
| Silk Black  | <b>AM33344-SB</b>   | 2CLA611869N1501 | 1        |
| Antique Gold  | <b>AM33344-AG</b>   | 2CLA611869N1601 | 1        |
| Matt Gold   | <b>AM33344-MG</b>   | 2CLA611869N1701 | 1        |
| White Glass   | <b>AM33344-WG</b>   | 2CLA611869N3001 | 1        |
| Black Glass   | <b>AM33344-BG</b>   | 2CLA611869N3101 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Computer outlet RJ45 Cat. 6A, 1-gang</b><br>8 pole<br>Cat 6A |                 |   |
| Stainless Steel   | <b>AM33644-ST</b>   | 2CLA611879N1101 | 1 |
| Silk Black  | <b>AM33644-SB</b>   | 2CLA611879N1501 | 1 |
| Antique Gold  | <b>AM33644-AG</b>   | 2CLA611879N1601 | 1 |
| Matt Gold   | <b>AM33644-MG</b>   | 2CLA611879N1701 | 1 |
| White Glass   | <b>AM33644-WG</b>   | 2CLA611879N3001 | 1 |
| Black Glass   | <b>AM33644-BG</b>   | 2CLA611879N3101 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Computer outlet RJ45 Cat. 6 UTP, 2-gang</b><br>8 pole<br>UTP |                 |   |
| Stainless Steel   | <b>AM32944-ST</b>   | 2CLA621869N1101 | 1 |
| Silk Black  | <b>AM32944-SB</b>   | 2CLA621869N1501 | 1 |
| Antique Gold  | <b>AM32944-AG</b>   | 2CLA621869N1601 | 1 |
| Matt Gold   | <b>AM32944-MG</b>   | 2CLA621869N1701 | 1 |
| White Glass   | <b>AM32944-WG</b>   | 2CLA621869N3001 | 1 |
| Black Glass   | <b>AM32944-BG</b>   | 2CLA621869N3101 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Computer outlet RJ45 Cat. 6A, 2-gang</b><br>8 pole<br>Cat 6A |                 |   |
| Stainless Steel   | <b>AM33744-ST</b>   | 2CLA621879N1101 | 1 |
| Silk Black  | <b>AM33744-SB</b>   | 2CLA621879N1501 | 1 |
| Antique Gold  | <b>AM33744-AG</b>   | 2CLA621879N1601 | 1 |
| Matt Gold   | <b>AM33744-MG</b>   | 2CLA621879N1701 | 1 |
| White Glass   | <b>AM33744-WG</b>   | 2CLA621879N3001 | 1 |
| Black Glass   | <b>AM33744-BG</b>   | 2CLA621879N3101 | 1 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Telephone outlet RJ11, 1-gang</b><br>4 pole<br>UTP |                 |          |
| Stainless Steel   | <b>AM32144-ST</b>                                     | 2CLA611709N1101 | 1        |
| Silk Black  | <b>AM32144-SB</b>                                     | 2CLA611709N1501 | 1        |
| Antique Gold  | <b>AM32144-AG</b>                                     | 2CLA611709N1601 | 1        |
| Matt Gold   | <b>AM32144-MG</b>                                     | 2CLA611709N1701 | 1        |
| White Glass   | <b>AM32144-WG</b>                                     | 2CLA611709N3001 | 1        |
| Black Glass   | <b>AM32144-BG</b>                                     | 2CLA611709N3101 | 1        |

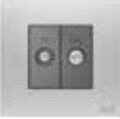
|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>BT master telephone outlet RJ11/RJ12, 1-gang</b><br>BT master<br>6 pole<br>UTP |                 |   |
| Stainless Steel   | <b>AM30544-ST</b>   | 2CLA611889N1101 | 1 |
| Silk Black  | <b>AM30544-SB</b>   | 2CLA611889N1501 | 1 |
| Antique Gold  | <b>AM30544-AG</b>   | 2CLA611889N1601 | 1 |
| Matt Gold   | <b>AM30544-MG</b>   | 2CLA611889N1701 | 1 |
| White Glass   | <b>AM30544-WG</b>   | 2CLA611889N3001 | 1 |
| Black Glass   | <b>AM30544-BG</b>   | 2CLA611889N3101 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>BT secondary telephone outlet RJ11/RJ12, 1-gang</b><br>BT secondary<br>6 pole<br>UTP |                 |   |
| Stainless Steel   | <b>AM30644-ST</b>   | 2CLA611899N1101 | 1 |
| Silk Black  | <b>AM30644-SB</b>   | 2CLA611899N1501 | 1 |
| Antique Gold  | <b>AM30644-AG</b>   | 2CLA611899N1601 | 1 |
| Matt Gold   | <b>AM30644-MG</b>   | 2CLA611899N1701 | 1 |
| White Glass   | <b>AM30644-WG</b>   | 2CLA611899N3001 | 1 |
| Black Glass   | <b>AM30644-BG</b>   | 2CLA611899N3101 | 1 |

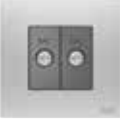
## Millenium - Complete sets (AM)

### Voice data & information connectors


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>TV outlet, 1-gang</b><br>M type isolated dead-end-feeder. |                 |          |
| Stainless Steel   | <b>AM30144-ST</b>  | 2CLA615009N1101 | 1        |
| Silk Black  | <b>AM30144-SB</b>  | 2CLA615009N1501 | 1        |
| Antique Gold  | <b>AM30144-AG</b>  | 2CLA615009N1601 | 1        |
| Matt Gold   | <b>AM30144-MG</b>  | 2CLA615009N1701 | 1        |
| White Glass   | <b>AM30144-WG</b>  | 2CLA615009N3001 | 1        |
| Black Glass   | <b>AM30144-BG</b>  | 2CLA615009N3101 | 1        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>TV/SAT outlet</b><br>F type isolated dead-end-feeder with filter. |                 |   |
| Stainless Steel   | <b>AM31344-ST</b>  | 2CLA625009N1101 | 1 |
| Silk Black  | <b>AM31344-SB</b>  | 2CLA625009N1501 | 1 |
| Antique Gold  | <b>AM31344-AG</b>  | 2CLA625009N1601 | 1 |
| Matt Gold   | <b>AM31344-MG</b>  | 2CLA625009N1701 | 1 |
| White Glass   | <b>AM31344-WG</b>  | 2CLA625009N3001 | 1 |
| Black Glass   | <b>AM31344-BG</b>  | 2CLA625009N3101 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>SAT outlet</b><br>F type isolated dead-end-feeder. |                 |   |
| Stainless Steel   | <b>AM30344-ST</b>                                     | 2CLA615109N1101 | 1 |
| Silk Black  | <b>AM30344-SB</b>                                     | 2CLA615109N1501 | 1 |
| Antique Gold  | <b>AM30344-AG</b>                                     | 2CLA615109N1601 | 1 |
| Matt Gold   | <b>AM30344-MG</b>                                     | 2CLA615109N1701 | 1 |
| White Glass   | <b>AM30344-WG</b>                                     | 2CLA615109N3001 | 1 |
| Black Glass   | <b>AM30344-BG</b>                                     | 2CLA615109N3101 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>SAT twin outlet F type</b><br>F type isolated dead-end-feeder. |                 |   |
| Stainless Steel   | <b>AM32344-ST</b>   | 2CLA625109N1101 | 1 |
| Silk Black  | <b>AM32344-SB</b>   | 2CLA625109N1501 | 1 |
| Antique Gold  | <b>AM32344-AG</b>   | 2CLA625109N1601 | 1 |
| Matt Gold   | <b>AM32344-MG</b>   | 2CLA625109N1701 | 1 |
| White Glass   | <b>AM32344-WG</b>   | 2CLA625109N3001 | 1 |
| Black Glass   | <b>AM32344-BG</b>   | 2CLA625109N3101 | 1 |


### Dimmers


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Double LED/Universal Rotary dimmer</b><br>Rated voltage: 250Vac / 50-60 Hz<br>Power (min./max load):<br>- LEDi (trailing-edge lamps): 4 / 125 W/VA.<br>- LEDi (leading-edge lamps): 4 / 30 W/VA.*<br>- LV LEDi with transformer type C: 4 / 125 W/VA.<br>- LV LEDi with transformer type LC: 4 / 30 W/VA.*<br>- LV halogen with transformer type C: 4 / 125 W/VA.<br>- LV halogen with transformer type LC: 4 / 125 W/VA.<br>- Incandescent lamps: 4 / 125 W/VA.<br>- Halogen lamps: 4 / 125 W/VA.<br>*Max. 10 lamps. |                 |          |
| Stainless Steel   | <b>AM41144-ST</b>  | 2CLA616049N1101 | 1        |
| Silk Black  | <b>AM41144-SB</b>  | 2CLA616049N1501 | 1        |
| Antique Gold  | <b>AM41144-AG</b>  | 2CLA616049N1601 | 1        |
| Matt Gold   | <b>AM41144-MG</b>  | 2CLA616049N1701 | 1        |
| White Glass   | <b>AM41144-WG</b>  | 2CLA616049N3001 | 1        |
| Black Glass   | <b>AM41144-BG</b>  | 2CLA616049N3101 | 1        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Rotary dimmer</b><br>Rated voltage: 250V~ +/-10 50 Hz.<br>Min. power: 40W / VA.<br>Max. power:<br>- Incandescent lamps: 400W.<br>- Halogen lamps with ferromagnetic transformers: 300 VA.<br>Operating temperature: 0° C to +30° C. |                 |   |
| Stainless Steel   | <b>AM41344-ST</b>  | 2CLA626039N1101 | 1 |
| Silk Black  | <b>AM41344-SB</b>  | 2CLA626039N1501 | 1 |
| Antique Gold  | <b>AM41344-AG</b>  | 2CLA626039N1601 | 1 |
| Matt Gold   | <b>AM41344-MG</b>  | 2CLA626039N1701 | 1 |
| White Glass   | <b>AM41344-WG</b>  | 2CLA626039N3001 | 1 |
| Black Glass   | <b>AM41344-BG</b>  | 2CLA626039N3101 | 1 |

## Millenium - Complete sets (AM)


### Thermostats


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Thermostat 2 pipe w/blue display</b><br>Rated voltage: 250Vac<br>Rated power: 200W<br>Sensor: NTC<br>Temperature setting: 5° C - 35° C<br>Temp adjustment: +/- 1° C<br>Depth: 25,5 mm. |                 |          |
| Stainless Steel   | <b>AM41786-ST</b>   | 2CLA624059N1101 | 1        |
| Silk Black  | <b>AM41786-SB</b>   | 2CLA624059N1501 | 1        |
| Antique Gold  | <b>AM41786-AG</b>   | 2CLA624059N1601 | 1        |
| Matt Gold   | <b>AM41786-MG</b>   | 2CLA624059N1701 | 1        |
| White Glass   | <b>AM41786-WG</b>   | 2CLA624059N3001 | 1        |
| Black Glass   | <b>AM41786-BG</b>   | 2CLA624059N3101 | 1        |


|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Thermostat 4 pipe w/blue display</b><br>Rated voltage: 250Vac<br>Rated power: 200W<br>Sensor: NTC<br>Temperature setting: 5° C - 35° C<br>Temp adjustment: +/- 1° C<br>Depth: 25,5 mm. |                 |   |
| Stainless Steel  | <b>AM42086-ST</b>   | 2CLA624069N1101 | 1 |
| Silk Black   | <b>AM42086-SB</b>   | 2CLA624069N1501 | 1 |
| Antique Gold   | <b>AM42086-AG</b>   | 2CLA624069N1601 | 1 |
| Matt Gold  | <b>AM42086-MG</b>   | 2CLA624069N1701 | 1 |
| White Glass  | <b>AM42086-WG</b>   | 2CLA624069N3001 | 1 |
| Black Glass  | <b>AM42086-BG</b>   | 2CLA624069N3101 | 1 |


### Hotel equipment


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Push button, DND/MUR with bell symbol 10A</b><br>Rated voltage: 250Vac<br>Rated current 10A<br>Red LED: „Do Not Disturb“<br>Green LED: „Make Up Room“<br>Premium size rocker |                 |   |
| Stainless Steel   | <b>AM40344-ST</b>   | 2CLA621589N1101 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch 2-gang, DND/MUR 10AX</b><br>Rated voltage: 250Vac<br>Rated current 10AX<br>Red LED: „Do Not Disturb“<br>Green LED: „Make Up Room“<br>LED signaling |                 |   |
| Stainless Steel   | <b>AM40444-ST</b>  | 2CLA621509N1101 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Switch blind control</b><br>Rated voltage 250Vac<br>Rated current 16AX<br>Output: 2 normally open contact<br>Multi-way input terminal (up/down) |                 |   |
| Stainless Steel   | <b>AM11844-ST</b>  | 2CLA624419N1101 | 1 |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Card switch 16AX</b><br>Rated voltage: 250Vac<br>Rated current: 16AX<br>Includes indication LED |                 |          |
| Stainless Steel   | <b>AM40244-ST</b>  | 2CLA621419N1101 | 1        |
| Silk Black  | <b>AM40244-SB</b>  | 2CLA621419N1501 | 1        |
| Antique Gold  | <b>AM40244-AG</b>  | 2CLA621419N1601 | 1        |
| Matt Gold   | <b>AM40244-MG</b>  | 2CLA621419N1701 | 1        |
| White Glass   | <b>AM40244-WG</b>  | 2CLA621419N3001 | 1        |
| Black Glass   | <b>AM40244-BG</b>  | 2CLA621419N3101 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Electronic card switch 16AX</b><br>Rated voltage: 250Vac<br>Rated current: 16AX<br>Includes indication LED<br>Time relay : 5-90 sec.<br>Cards up to 54 mm width. |                 |   |
| Stainless Steel   | <b>AM40544-ST</b>   | 2CLA621459N1101 | 1 |
| Silk Black  | <b>AM40544-SB</b>   | 2CLA621459N1501 | 1 |
| Antique Gold  | <b>AM40544-AG</b>   | 2CLA621459N1601 | 1 |
| Matt Gold   | <b>AM40544-MG</b>   | 2CLA621459N1701 | 1 |
| White Glass   | <b>AM40544-WG</b>   | 2CLA621459N3001 | 1 |
| Black Glass   | <b>AM40544-BG</b>   | 2CLA621459N3101 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Spare Led for card switches</b><br>Rated voltage: 250Vac<br>Rated current: 0.7mA<br>Frontal replacement. |                 |   |
|   | <b>AM50093-BL</b>   | 2CLA619309N1001 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Shaver socket outlet</b><br>Rated voltage: 20VA / 230Vac<br>Outputs: 115V and 230V<br>Dimensions: 150x90x54mm<br>Flush wall box not included (45mm depth minimum) |                 |   |
| Stainless Steel   | <b>AM40188-ST</b>  | 2CLA680309N1101 | 1 |
| Silk Black  | <b>AM40188-SB</b>  | 2CLA680309N1501 | 1 |
| Antique Gold  | <b>AM40188-AG</b>  | 2CLA680309N1601 | 1 |
| Matt Gold   | <b>AM40188-MG</b>  | 2CLA680309N1701 | 1 |
| White Glass   | <b>AM40188-WG</b>  | 2CLA680309N3001 | 1 |
| Black Glass   | <b>AM40188-BG</b>  | 2CLA680309N3101 | 1 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Flush mounting box</b><br>For shaver socket outlet AM40188-XX<br>Dimensions: 135,5 x 74 x 50 mm“ |                 |   |
|   | <b>803.2</b>  | 2CLA080320A1001 | 1 |


## Millenium - Complete sets (AM)


### Various


| Product   | Article-No.                         | Order-No.       | Pack/Qty |
|---|-------------------------------------|-----------------|----------|
|  | <b>Blank plate<br/>Premium size</b> |                 |          |
| Stainless Steel   | <b>AM50444-ST</b>                   | 2CLA620009N1101 | 1        |
| Silk Black  | <b>AM50444-SB</b>                   | 2CLA620009N1501 | 1        |
| Antique Gold  | <b>AM50444-AG</b>                   | 2CLA620009N1601 | 1        |
| Matt Gold   | <b>AM50444-MG</b>                   | 2CLA620009N1701 | 1        |
| White Glass   | <b>AM50444-WG</b>                   | 2CLA620009N3001 | 1        |
| Black Glass   | <b>AM50444-BG</b>                   | 2CLA620009N3101 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Flex outlet 20A<br/>Rated current: 20A</b> |                 |   |
| Stainless Steel   | <b>AM55044-ST</b>                             | 2CLA620729N1101 | 1 |
| Silk Black  | <b>AM55044-SB</b>                             | 2CLA620729N1501 | 1 |
| Antique Gold  | <b>AM55044-AG</b>                             | 2CLA620729N1601 | 1 |
| Matt Gold   | <b>AM55044-MG</b>                             | 2CLA620729N1701 | 1 |
| White Glass   | <b>AM55044-WG</b>                             | 2CLA620729N3001 | 1 |
| Black Glass   | <b>AM55044-BG</b>                             | 2CLA620729N3101 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Flex outlet 45A<br/>Rated current: 45A</b> |                 |   |
| Anthracite  | <b>AM56086-AN</b>                             | 2CLA620739N1801 | 1 |
| White Plastic   | <b>AM56086-WP</b>                             | 2CLA620739N2001 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Fuse connection unit w/flex outlet 13A<br/>Rated voltage: 230Vac<br/>Rated current: 13A<br/>Fuse size: Ø6.3x25mm<br/>Fuse breaking capacity: 6kA 264V~ 50Hz<br/>Fuse according to BS1362</b> |                 |          |
| Stainless Steel   | <b>AM50653-ST</b>   | 2CLA630809N1101 | 1        |
| Silk Black  | <b>AM50653-SB</b>   | 2CLA630809N1501 | 1        |
| Antique Gold  | <b>AM50653-AG</b>   | 2CLA630809N1601 | 1        |
| Matt Gold   | <b>AM50653-MG</b>   | 2CLA630809N1701 | 1        |
| White Glass   | <b>AM50653-WG</b>   | 2CLA630809N3001 | 1        |
| Black Glass   | <b>AM50653-BG</b>   | 2CLA630809N3101 | 1        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Fuse connection unit w/flex outlet w/LED 13A<br/>Rated voltage: 230Vac<br/>Rated current: 13A<br/>Fuse size: Ø6.3x25mm<br/>Fuse breaking capacity: 6kA 264V~ 50Hz<br/>Fuse according to BS1362<br/>Status indicator LED</b> |                 |   |
| Stainless Steel   | <b>AM50853-ST</b>  | 2CLA630859N1101 | 1 |
| Silk Black  | <b>AM50853-SB</b>  | 2CLA630859N1501 | 1 |
| Antique Gold  | <b>AM50853-AG</b>  | 2CLA630859N1601 | 1 |
| Matt Gold   | <b>AM50853-MG</b>  | 2CLA630859N1701 | 1 |
| White Glass   | <b>AM50853-WG</b>  | 2CLA630859N3001 | 1 |
| Black Glass   | <b>AM50853-BG</b>  | 2CLA630859N3101 | 1 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Switched fuse connection unit w/flex outlet w/LED 13A<br/>Rated voltage: 230Vac<br/>Rated current: 13A<br/>Fuse size: Ø6.3x25mm<br/>Fuse breaking capacity: 6kA 264V~ 50Hz<br/>Fuse according to BS1362<br/>Status indicator LED</b> |                 |   |
| Stainless Steel   | <b>AM50753-ST</b>   | 2CLA630829N1101 | 1 |
| Silk Black  | <b>AM50753-SB</b>   | 2CLA630829N1501 | 1 |
| Antique Gold  | <b>AM50753-AG</b>   | 2CLA630829N1601 | 1 |
| Matt Gold   | <b>AM50753-MG</b>   | 2CLA630829N1701 | 1 |
| White Glass   | <b>AM50753-WG</b>   | 2CLA630829N3001 | 1 |
| Black Glass   | <b>AM50753-BG</b>   | 2CLA630829N3101 | 1 |



For use with: AM11120-XX, AMD11120-XX, AM18120-XX, AMD18120-XX, AM42920-XX, AMD42920-XX, AM42944-XX and AMD42944-XX.

|                     |                   |                 |    |
|---------------------|-------------------|-----------------|----|
| Key symbol          | <b>AM50100-CH</b> | 2CLA600100N1101 | 10 |
| Fan symbol          | <b>AM50200-CH</b> | 2CLA600100N1201 | 10 |
| Wc symbol           | <b>AM50300-CH</b> | 2CLA600100N1301 | 10 |
| Room service symbol | <b>AM50400-CH</b> | 2CLA600100N1401 | 10 |
| Nurse symbol        | <b>AM50500-CH</b> | 2CLA600100N1501 | 10 |
| Stop symbol         | <b>AM50600-CH</b> | 2CLA600100N1601 | 10 |

## Millenium - Grid system for combination (AMD)

Millenium collection is a grid type system enabling combination of colours and products of different dimension and functionality. The three type of switch dimensions together with the ABB i-bus® KNX and ABB-free@home® sensors and other functions, have to be composed with the required frame in order to have the right assortment of functionality and design. In ABB i-bus® KNX sensors we have the possibility to adjoin to the frame the special metal mounting plate that allows to reduce the height so as to maintain the ultra slim line for KNX functionalities.



Mounting Plate



Premium rocker switch



Frame

### Standard rocker switch

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



**Switch 1-gang, 1-way, SP 10AX**  
Rated voltage: 250Vac  
Rated current: 10AX

|                 |                    |                 |    |
|-----------------|--------------------|-----------------|----|
| Stainless Steel | <b>AMD10120-ST</b> | 2CLA610100N1101 | 10 |
| Silk Black      | <b>AMD10120-SB</b> | 2CLA610100N1501 | 10 |
| Antique Gold    | <b>AMD10120-AG</b> | 2CLA610100N1601 | 10 |
| Matt Gold       | <b>AMD10120-MG</b> | 2CLA610100N1701 | 10 |
| White Glass     | <b>AMD10120-WG</b> | 2CLA610100N3001 | 10 |
| Black Glass     | <b>AMD10120-BG</b> | 2CLA610100N3101 | 10 |



**Switch 1-gang, 2-way, SP 10AX**  
Rated voltage: 250Vac  
Rated current: 10AX

|                 |                    |                 |    |
|-----------------|--------------------|-----------------|----|
| Stainless Steel | <b>AMD10520-ST</b> | 2CLA610200N1101 | 10 |
| Silk Black      | <b>AMD10520-SB</b> | 2CLA610200N1501 | 10 |
| Antique Gold    | <b>AMD10520-AG</b> | 2CLA610200N1601 | 10 |
| Matt Gold       | <b>AMD10520-MG</b> | 2CLA610200N1701 | 10 |
| White Glass     | <b>AMD10520-WG</b> | 2CLA610200N3001 | 5  |
| Black Glass     | <b>AMD10520-BG</b> | 2CLA610200N3101 | 5  |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



**Switch 1-gang, intermediate, SP 10AX**  
Rated voltage: 250Vac  
Rated current: 10AX

|                 |                    |                 |    |
|-----------------|--------------------|-----------------|----|
| Stainless Steel | <b>AMD11920-ST</b> | 2CLA611000N1101 | 10 |
| Silk Black      | <b>AMD11920-SB</b> | 2CLA611000N1501 | 10 |
| Antique Gold    | <b>AMD11920-AG</b> | 2CLA611000N1601 | 10 |
| Matt Gold       | <b>AMD11920-MG</b> | 2CLA611000N1701 | 10 |
| White Glass     | <b>AMD11920-WG</b> | 2CLA611000N3001 | 5  |
| Black Glass     | <b>AMD11920-BG</b> | 2CLA611000N3101 | 5  |





**Switch 1-gang, 1-way, SP 20AX**  
Rated voltage: 250Vac  
Rated current: 20AX


|                 |                    |                 |    |
|-----------------|--------------------|-----------------|----|
| Stainless Steel | <b>AMD11020-ST</b> | 2CLA610110N1101 | 10 |
| Silk Black      | <b>AMD11020-SB</b> | 2CLA610110N1501 | 10 |
| Antique Gold    | <b>AMD11020-AG</b> | 2CLA610110N1601 | 10 |
| Matt Gold       | <b>AMD11020-MG</b> | 2CLA610110N1701 | 10 |
| White Glass     | <b>AMD11020-WG</b> | 2CLA610110N3001 | 10 |
| Black Glass     | <b>AMD11020-BG</b> | 2CLA610110N3101 | 10 |


## Millenium - Grid system for combination (AMD)


### Standard rocker switch

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Switch 1-gang, 2-way, SP 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX |                 |          |
| Stainless Steel   | <b>AMD11520-ST</b>   | 2CLA610210N1101 | 10       |
| Silk Black  | <b>AMD11520-SB</b>   | 2CLA610210N1501 | 10       |
| Antique Gold  | <b>AMD11520-AG</b>   | 2CLA610210N1601 | 10       |
| Matt Gold   | <b>AMD11520-MG</b>   | 2CLA610210N1701 | 10       |
| White Glass   | <b>AMD11520-WG</b>   | 2CLA610210N3001 | 5        |
| Black Glass   | <b>AMD11520-BG</b>   | 2CLA610210N3101 | 5        |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 1-way, DP 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Status indicator LED |                 |    |
| Stainless Steel   | <b>AMD11120-ST</b>   | 2CLA610130N1101 | 10 |
| Silk Black  | <b>AMD11120-SB</b>   | 2CLA610130N1501 | 10 |
| Antique Gold  | <b>AMD11120-AG</b>   | 2CLA610130N1601 | 10 |
| Matt Gold   | <b>AMD11120-MG</b>   | 2CLA610130N1701 | 10 |
| White Glass   | <b>AMD11120-WG</b>   | 2CLA610130N3001 | 5  |
| Black Glass   | <b>AMD11120-BG</b>   | 2CLA610130N3101 | 5  |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, 1-way, DP water heater 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Water heater indicator LED |                 |    |
| Stainless Steel   | <b>AMD10920-ST</b>  | 2CLA610140N1101 | 10 |
| Silk Black  | <b>AMD10920-SB</b>  | 2CLA610140N1501 | 10 |
| Antique Gold  | <b>AMD10920-AG</b>  | 2CLA610140N1601 | 10 |
| Matt Gold   | <b>AMD10920-MG</b>  | 2CLA610140N1701 | 10 |
| White Glass   | <b>AMD10920-WG</b>  | 2CLA610140N3001 | 5  |
| Black Glass   | <b>AMD10920-BG</b>  | 2CLA610140N3101 | 5  |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Push-button 1-gang, 1-way, SP 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A |                 |    |
| Stainless Steel   | <b>AMD43020-ST</b>  | 2CLA610400N1101 | 10 |
| Silk Black  | <b>AMD43020-SB</b>  | 2CLA610400N1501 | 10 |
| Antique Gold  | <b>AMD43020-AG</b>  | 2CLA610400N1601 | 10 |
| Matt Gold   | <b>AMD43020-MG</b>  | 2CLA610400N1701 | 10 |
| White Glass   | <b>AMD43020-WG</b>  | 2CLA610400N3001 | 5  |
| Black Glass   | <b>AMD43020-BG</b>  | 2CLA610400N3101 | 5  |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Push-button 1-gang, 1-way, SP with bell symbol 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A<br>Bell symbol indicator LED |                 |          |
| Stainless Steel   | <b>AMD42920-ST</b>  | 2CLA610440N1101 | 10       |
| Silk Black  | <b>AMD42920-SB</b>  | 2CLA610440N1501 | 10       |
| Antique Gold  | <b>AMD42920-AG</b>  | 2CLA610440N1601 | 10       |
| Matt Gold   | <b>AMD42920-MG</b>  | 2CLA610440N1701 | 10       |
| White Glass   | <b>AMD42920-WG</b>  | 2CLA610440N3001 | 5        |
| Black Glass   | <b>AMD42920-BG</b>  | 2CLA610440N3101 | 5        |


### Standard rocker switch frames


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>Rocker switch frame 1-gang</b><br>Includes metal mounting frame<br>Dimensions 86x86 mm. |                 |    |
| Stainless Steel  | <b>AMD5120-ST</b>  | 2CLA617100N1101 | 10 |
| Silk Black   | <b>AMD5120-SB</b>  | 2CLA617100N1501 | 10 |
| Antique Gold   | <b>AMD5120-AG</b>  | 2CLA617100N1601 | 10 |
| Matt Gold  | <b>AMD5120-MG</b>  | 2CLA617100N1701 | 10 |
| White Glass  | <b>AMD5120-WG</b>  | 2CLA617100N3001 | 4  |
| Black Glass  | <b>AMD5120-BG</b>  | 2CLA617100N3101 | 4  |


## Millenium - Grid system for combination (AMD)


### Premium rocker switch


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, SP premium 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Premium size rocker |                 |          |
| Stainless Steel   | <b>AMD10144-ST</b>  | 2CLA620100N1101 | 10       |
| Silk Black  | <b>AMD10144-SB</b>  | 2CLA620100N1501 | 10       |
| Antique Gold  | <b>AMD10144-AG</b>  | 2CLA620100N1601 | 10       |
| Matt Gold   | <b>AMD10144-MG</b>  | 2CLA620100N1701 | 10       |
| White Glass   | <b>AMD10144-WG</b>  | 2CLA620100N3001 | 5        |
| Black Glass   | <b>AMD10144-BG</b>  | 2CLA620100N3101 | 5        |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, 2-way, SP premium 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Premium size rocker |                 |    |
| Stainless Steel   | <b>AMD10544-ST</b>  | 2CLA620200N1101 | 10 |
| Silk Black  | <b>AMD10544-SB</b>  | 2CLA620200N1501 | 10 |
| Antique Gold  | <b>AMD10544-AG</b>  | 2CLA620200N1601 | 10 |
| Matt Gold   | <b>AMD10544-MG</b>  | 2CLA620200N1701 | 10 |
| White Glass   | <b>AMD10544-WG</b>  | 2CLA620200N3001 | 5  |
| Black Glass   | <b>AMD10544-BG</b>  | 2CLA620200N3101 | 5  |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, intermediate, SP premium 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Premium size rocker |                 |    |
| Stainless Steel   | <b>AMD11944-ST</b>   | 2CLA621000N1101 | 10 |
| Silk Black  | <b>AMD11944-SB</b>   | 2CLA621000N1501 | 10 |
| Antique Gold  | <b>AMD11944-AG</b>   | 2CLA621000N1601 | 10 |
| Matt Gold   | <b>AMD11944-MG</b>   | 2CLA621000N1701 | 10 |
| White Glass   | <b>AMD11944-WG</b>   | 2CLA621000N3001 | 5  |
| Black Glass   | <b>AMD11944-BG</b>   | 2CLA621000N3101 | 5  |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, 1-way, SP premium 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Premium size rocker |                 |    |
| Stainless Steel   | <b>AMD11044-ST</b>  | 2CLA620110N1101 | 10 |
| Silk Black  | <b>AMD11044-SB</b>  | 2CLA620110N1501 | 10 |
| Antique Gold  | <b>AMD11044-AG</b>  | 2CLA620110N1601 | 10 |
| Matt Gold   | <b>AMD11044-MG</b>  | 2CLA620110N1701 | 10 |
| White Glass   | <b>AMD11044-WG</b>  | 2CLA620110N3001 | 5  |
| Black Glass   | <b>AMD11044-BG</b>  | 2CLA620110N3101 | 5  |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 2-way, SP premium 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Premium size rocker |                 |          |
| Stainless Steel   | <b>AMD11544-ST</b>  | 2CLA620210N1101 | 10       |
| Silk Black  | <b>AMD11544-SB</b>  | 2CLA620210N1501 | 10       |
| Antique Gold  | <b>AMD11544-AG</b>  | 2CLA620210N1601 | 10       |
| Matt Gold   | <b>AMD11544-MG</b>  | 2CLA620210N1701 | 10       |
| White Glass   | <b>AMD11544-WG</b>  | 2CLA620210N3001 | 5        |
| Black Glass   | <b>AMD11544-BG</b>  | 2CLA620210N3101 | 5        |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 2-way, DP premium 20AX w/LED</b><br>Rated voltage: 250Vac<br>Rated current: 20A<br>Status indicator LED<br>Premium size rocker |                 |    |
| Stainless Steel   | <b>AMD11140-ST</b>   | 2CLA620130N1101 | 10 |
| Silk Black  | <b>AMD11140-SB</b>   | 2CLA620130N1501 | 10 |
| Antique Gold  | <b>AMD11140-AG</b>   | 2CLA620130N1601 | 10 |
| Matt Gold   | <b>AMD11140-MG</b>   | 2CLA620130N1701 | 10 |
| White Glass   | <b>AMD11140-WG</b>   | 2CLA620130N3001 | 5  |
| Black Glass   | <b>AMD11140-BG</b>   | 2CLA620130N3101 | 5  |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 2-way, DP premium 32AX w/LED</b><br>Rated voltage: 250Vac<br>Rated current: 32A<br>Status indicator LED<br>Premium size rocker |                 |    |
| Stainless Steel   | <b>AMD11240-ST</b>   | 2CLA620180N1101 | 10 |
| Silk Black  | <b>AMD11240-SB</b>   | 2CLA620180N1501 | 10 |
| Antique Gold  | <b>AMD11240-AG</b>   | 2CLA620180N1601 | 10 |
| Matt Gold   | <b>AMD11240-MG</b>   | 2CLA620180N1701 | 10 |
| White Glass   | <b>AMD11240-WG</b>   | 2CLA620180N3001 | 5  |
| Black Glass   | <b>AMD11240-BG</b>   | 2CLA620180N3101 | 5  |




## Millenium - Grid system for combination (AMD)


### Premium rocker push buttons


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Push-button 1-gang, 1-way, SP premium 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A<br>Premium size rocker |                 |          |
| Stainless Steel   | <b>AMD43044-ST</b>   | 2CLA620400N1101 | 10       |
| Silk Black  | <b>AMD43044-SB</b>   | 2CLA620400N1501 | 10       |
| Antique Gold  | <b>AMD43044-AG</b>   | 2CLA620400N1601 | 10       |
| Matt Gold   | <b>AMD43044-MG</b>   | 2CLA620400N1701 | 10       |
| White Glass   | <b>AMD43044-WG</b>   | 2CLA620400N3001 | 5        |
| Black Glass   | <b>AMD43044-BG</b>   | 2CLA620400N3101 | 5        |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Push-button 1-gang, 1-way, SP premium w/bell symbol 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A<br>Bell symbol indicator LED<br>Premium size rocker |                 |    |
| Stainless Steel   | <b>AMD42944-ST</b>  | 2CLA620440N1101 | 10 |
| Silk Black  | <b>AMD42944-SB</b>  | 2CLA620440N1501 | 10 |
| Antique Gold  | <b>AMD42944-AG</b>  | 2CLA620440N1601 | 10 |
| Matt Gold   | <b>AMD42944-MG</b>  | 2CLA620440N1701 | 10 |
| White Glass   | <b>AMD42944-WG</b>  | 2CLA620440N3001 | 5  |
| Black Glass   | <b>AMD42944-BG</b>  | 2CLA620440N3101 | 5  |

### Premium rocker frames

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Premium rocker switch frame 1-gang</b><br>Includes metal mounting frame<br>Dimensions 86x86 mm. |                 |          |
| Stainless Steel   | <b>AMD5044-ST</b>  | 2CLA617110N1101 | 10       |
| Silk Black  | <b>AMD5044-SB</b>  | 2CLA617110N1501 | 10       |
| Antique Gold  | <b>AMD5044-AG</b>  | 2CLA617110N1601 | 10       |
| Matt Gold   | <b>AMD5044-MG</b>  | 2CLA617110N1701 | 10       |
| White Glass   | <b>AMD5044-WG</b>  | 2CLA617110N3001 | 4        |
| Black Glass   | <b>AMD5044-BG</b>  | 2CLA617110N3101 | 4        |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Premium/double rocker switch frame 2-gang</b><br>Includes metal mounting frame<br>Dimensions 86x147 mm. |                 |    |
| Stainless Steel   | <b>AMD5244-ST</b>  | 2CLA647200N1101 | 10 |
| Silk Black  | <b>AMD5244-SB</b>  | 2CLA647200N1501 | 10 |
| Antique Gold  | <b>AMD5244-AG</b>  | 2CLA647200N1601 | 10 |
| Matt Gold   | <b>AMD5244-MG</b>  | 2CLA647200N1701 | 10 |
| White Glass   | <b>AMD5244-WG</b>  | 2CLA647200N3001 | 5  |
| Black Glass   | <b>AMD5244-BG</b>  | 2CLA647200N3101 | 5  |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Premium/half/double rocker switch frame 3-gang</b><br>Includes metal mounting frame<br>Dimensions 86x228 mm. |                 |   |
| Stainless Steel   | <b>AMD5344-ST</b>   | 2CLA667310N1101 | 5 |
| Silk Black  | <b>AMD5344-SB</b>   | 2CLA667310N1501 | 5 |
| Antique Gold  | <b>AMD5344-AG</b>   | 2CLA667310N1601 | 5 |
| Matt Gold   | <b>AMD5344-MG</b>   | 2CLA667310N1701 | 5 |
| White Glass   | <b>AMD5344-WG</b>   | 2CLA667310N3001 | 2 |
| Black Glass   | <b>AMD5344-BG</b>   | 2CLA667310N3101 | 2 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Premium/half/double rocker switch frame 4-gang</b><br>Includes metal mounting frame<br>Dimensions 86x293 mm. |                 |   |
| Stainless Steel   | <b>AMD5444-ST</b>   | 2CLA687410N1101 | 5 |
| Silk Black  | <b>AMD5444-SB</b>   | 2CLA687410N1501 | 5 |
| Antique Gold  | <b>AMD5444-AG</b>   | 2CLA687410N1601 | 5 |
| Matt Gold   | <b>AMD5444-MG</b>   | 2CLA687410N1701 | 5 |
| White Glass   | <b>AMD5444-WG</b>   | 2CLA687410N3001 | 2 |
| Black Glass   | <b>AMD5444-BG</b>   | 2CLA687410N3101 | 2 |


## Millenium - Grid system for combination (AMD)


### Half/double rocker switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, half rocker 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Half rocker size |                 |          |
| Stainless Steel   | <b>AMD10222-ST</b>  | 2CLA680100N1101 | 10       |
| Silk Black  | <b>AMD10222-SB</b>  | 2CLA680100N1501 | 10       |
| Antique Gold  | <b>AMD10222-AG</b>  | 2CLA680100N1601 | 10       |
| Matt Gold   | <b>AMD10222-MG</b>  | 2CLA680100N1701 | 10       |
| White Glass   | <b>AMD10222-WG</b>  | 2CLA680100N3001 | 5        |
| Black Glass   | <b>AMD10222-BG</b>  | 2CLA680100N3101 | 5        |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, 2-way, half rocker 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Half rocker size |                 |    |
| Stainless Steel   | <b>AMD10622-ST</b>  | 2CLA680200N1101 | 10 |
| Silk Black  | <b>AMD10622-SB</b>  | 2CLA680200N1501 | 10 |
| Antique Gold  | <b>AMD10622-AG</b>  | 2CLA680200N1601 | 10 |
| Matt Gold   | <b>AMD10622-MG</b>  | 2CLA680200N1701 | 10 |
| White Glass   | <b>AMD10622-WG</b>  | 2CLA680200N3001 | 5  |
| Black Glass   | <b>AMD10622-BG</b>  | 2CLA680200N3101 | 5  |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, intermediate, half rocker 10AX</b><br>Rated voltage: 250Vac<br>Rated current: 10AX<br>Half rocker size |                 |    |
| Stainless Steel   | <b>AMD12922-ST</b>   | 2CLA681000N1101 | 10 |
| Silk Black  | <b>AMD12922-SB</b>   | 2CLA681000N1501 | 10 |
| Antique Gold  | <b>AMD12922-AG</b>   | 2CLA681000N1601 | 10 |
| Matt Gold   | <b>AMD12922-MG</b>   | 2CLA681000N1701 | 10 |
| White Glass   | <b>AMD12922-WG</b>   | 2CLA681000N3001 | 5  |
| Black Glass   | <b>AMD12922-BG</b>   | 2CLA681000N3101 | 5  |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Push button 1-gang, 1-way, half rocker 10A</b><br>Rated voltage: 250Vac<br>Rated current: 10A<br>Half rocker size |                 |    |
| Stainless Steel   | <b>AMD43222-ST</b>   | 2CLA680400N1101 | 10 |
| Silk Black  | <b>AMD43222-SB</b>   | 2CLA680400N1501 | 10 |
| Antique Gold  | <b>AMD43222-AG</b>   | 2CLA680400N1601 | 10 |
| Matt Gold   | <b>AMD43222-MG</b>   | 2CLA680400N1701 | 10 |
| White Glass   | <b>AMD43222-WG</b>   | 2CLA680400N3001 | 5  |
| Black Glass   | <b>AMD43222-BG</b>   | 2CLA680400N3101 | 5  |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 1-gang, 1-way, half rocker 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Half rocker size |                 |          |
| Stainless Steel   | <b>AMD11422-ST</b>  | 2CLA680110N1101 | 10       |
| Silk Black  | <b>AMD11422-SB</b>  | 2CLA680110N1501 | 10       |
| Antique Gold  | <b>AMD11422-AG</b>  | 2CLA680110N1601 | 10       |
| Matt Gold   | <b>AMD11422-MG</b>  | 2CLA680110N1701 | 10       |
| White Glass   | <b>AMD11422-WG</b>  | 2CLA680110N3001 | 5        |
| Black Glass   | <b>AMD11422-BG</b>  | 2CLA680110N3101 | 5        |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, 2-way, half rocker 20AX</b><br>Rated voltage: 250Vac<br>Rated current: 20AX<br>Half rocker size |                 |    |
| Stainless Steel   | <b>AMD11622-ST</b>  | 2CLA680210N1101 | 10 |
| Silk Black  | <b>AMD11622-SB</b>  | 2CLA680210N1501 | 10 |
| Antique Gold  | <b>AMD11622-AG</b>  | 2CLA680210N1601 | 10 |
| Matt Gold   | <b>AMD11622-MG</b>  | 2CLA680210N1701 | 10 |
| White Glass   | <b>AMD11622-WG</b>  | 2CLA680210N3001 | 5  |
| Black Glass   | <b>AMD11622-BG</b>  | 2CLA680210N3101 | 5  |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Switch 1-gang, 1-way, DP premium 20AX w/LED</b><br>Rated voltage: 250Vac<br>Rated current: 20A<br>Status indicator LED<br>Half rocker size – Left-side rocker |                 |    |
| Stainless Steel   | <b>AMD11722-ST</b>   | 2CLA680220N1101 | 10 |
| Silk Black  | <b>AMD11722-SB</b>   | 2CLA680220N1501 | 10 |
| Antique Gold  | <b>AMD11722-AG</b>   | 2CLA680220N1601 | 10 |
| Matt Gold   | <b>AMD11722-MG</b>   | 2CLA680220N1701 | 10 |
| White Glass   | <b>AMD11722-WG</b>   | 2CLA680220N3001 | 5  |
| Black Glass   | <b>AMD11722-BG</b>   | 2CLA680220N3101 | 5  |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 1-gang, 1-way, DP premium 20AX w/LED</b><br>Rated voltage: 250Vac<br>Rated current: 20A<br>Status indicator LED<br>Half rocker size – Right-side rocker |                 |    |
| Stainless Steel   | <b>AMD11822-ST</b>  | 2CLA680230N1101 | 10 |
| Silk Black  | <b>AMD11822-SB</b>  | 2CLA680230N1501 | 10 |
| Antique Gold  | <b>AMD11822-AG</b>  | 2CLA680230N1601 | 10 |
| Matt Gold   | <b>AMD11822-MG</b>  | 2CLA680230N1701 | 10 |
| White Glass   | <b>AMD11822-WG</b>  | 2CLA680230N3001 | 5  |
| Black Glass   | <b>AMD11822-BG</b>  | 2CLA680230N3101 | 5  |

## Millenium - Grid system for combination (AMD)

### Half/double rocker & other functions frames

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Switch blind control

Rated voltage: 250Vac  
Rated power: 16AX  
Output: 2 normally open contact  
Multi-way input terminal (up/down)

|                 |                    |                 |    |
|-----------------|--------------------|-----------------|----|
| Stainless Steel | <b>AMD11844-ST</b> | 2CLA624410N1101 | 10 |
| Silk Black      | <b>AMD11844-SB</b> | 2CLA624410N1501 | 10 |
| Antique Gold    | <b>AMD11844-AG</b> | 2CLA624410N1601 | 10 |
| Matt Gold       | <b>AMD11844-MG</b> | 2CLA624410N1701 | 10 |
| White Glass     | <b>AMD11844-WG</b> | 2CLA624410N3001 | 5  |
| Black Glass     | <b>AMD11844-BG</b> | 2CLA624410N3101 | 5  |



#### Push button 2-gang, DND/MUR with bell symbol 10A

Rated voltage: 250Vac  
Rated power: 10A  
Do Not Disturb  
Make Up my Room  
LED signalling

|                 |                    |                 |   |
|-----------------|--------------------|-----------------|---|
| Stainless Steel | <b>AMD40344-ST</b> | 2CLA621580N1101 | 5 |
| Silk Black      | <b>AMD40344-SB</b> | 2CLA621580N1501 | 5 |
| Antique Gold    | <b>AMD40344-AG</b> | 2CLA621580N1601 | 5 |
| Matt Gold       | <b>AMD40344-MG</b> | 2CLA621580N1701 | 5 |
| White Glass     | <b>AMD40344-WG</b> | 2CLA621580N3001 | 5 |
| Black Glass     | <b>AMD40344-BG</b> | 2CLA621580N3101 | 5 |



#### Switch 2-gang, DND/MUR 10AX

Rated voltage: 250Vac  
Rated power: 10AX  
Do Not Disturb  
Make Up my Room  
LED signalling

|                 |                    |                 |   |
|-----------------|--------------------|-----------------|---|
| Stainless Steel | <b>AMD40444-ST</b> | 2CLA621500N1101 | 5 |
| Silk Black      | <b>AMD40444-SB</b> | 2CLA621500N1501 | 5 |
| Antique Gold    | <b>AMD40444-AG</b> | 2CLA621500N1601 | 5 |
| Matt Gold       | <b>AMD40444-MG</b> | 2CLA621500N1701 | 5 |
| White Glass     | <b>AMD40444-WG</b> | 2CLA621500N3001 | 5 |
| Black Glass     | <b>AMD40444-BG</b> | 2CLA621500N3101 | 5 |

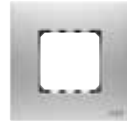


#### Fan isolator 3 poles double 10A

Rated voltage: 250Vac  
Rated power: 10A  
3 poles

|                 |                    |                 |    |
|-----------------|--------------------|-----------------|----|
| Stainless Steel | <b>AMD13444-ST</b> | 2CLA620500N1101 | 10 |
| Silk Black      | <b>AMD13444-SB</b> | 2CLA620500N1501 | 10 |
| Antique Gold    | <b>AMD13444-AG</b> | 2CLA620500N1601 | 10 |
| Matt Gold       | <b>AMD13444-MG</b> | 2CLA620500N1701 | 10 |
| White Glass     | <b>AMD13444-WG</b> | 2CLA620500N3001 | 5  |
| Black Glass     | <b>AMD13444-BG</b> | 2CLA620500N3101 | 5  |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Half/double rocker & other functions frame 1-gang

Includes metal mounting frame  
Dimensions 86x86 mm.

|                 |                   |                 |    |
|-----------------|-------------------|-----------------|----|
| Stainless Steel | <b>AMD5144-ST</b> | 2CLA627100N1101 | 10 |
| Silk Black      | <b>AMD5144-SB</b> | 2CLA627100N1501 | 10 |
| Antique Gold    | <b>AMD5144-AG</b> | 2CLA627100N1601 | 10 |
| Matt Gold       | <b>AMD5144-MG</b> | 2CLA627100N1701 | 10 |
| White Glass     | <b>AMD5144-WG</b> | 2CLA627100N3001 | 10 |
| Black Glass     | <b>AMD5144-BG</b> | 2CLA627100N3101 | 10 |



#### Premium/half/double rocker switch frame 2-gang

Includes metal mounting frame  
Dimensions 86x147 mm.

|                 |                   |                 |    |
|-----------------|-------------------|-----------------|----|
| Stainless Steel | <b>AMD5244-ST</b> | 2CLA647200N1101 | 10 |
| Silk Black      | <b>AMD5244-SB</b> | 2CLA647200N1501 | 10 |
| Antique Gold    | <b>AMD5244-AG</b> | 2CLA647200N1601 | 10 |
| Matt Gold       | <b>AMD5244-MG</b> | 2CLA647200N1701 | 10 |
| White Glass     | <b>AMD5244-WG</b> | 2CLA647200N3001 | 5  |
| Black Glass     | <b>AMD5244-BG</b> | 2CLA647200N3101 | 5  |



#### Premium/half/double rocker switch frame 3-gang

Includes metal mounting frame  
Dimensions 86x228 mm.

|                 |                   |                 |   |
|-----------------|-------------------|-----------------|---|
| Stainless Steel | <b>AMD5344-ST</b> | 2CLA667310N1101 | 5 |
| Silk Black      | <b>AMD5344-SB</b> | 2CLA667310N1501 | 5 |
| Antique Gold    | <b>AMD5344-AG</b> | 2CLA667310N1601 | 5 |
| Matt Gold       | <b>AMD5344-MG</b> | 2CLA667310N1701 | 5 |
| White Glass     | <b>AMD5344-WG</b> | 2CLA667310N3001 | 2 |
| Black Glass     | <b>AMD5344-BG</b> | 2CLA667310N3101 | 2 |




#### Premium/half/double rocker switch frame 4-gang


Includes metal mounting frame  
Dimensions 86x293 mm.


|                 |                   |                 |   |
|-----------------|-------------------|-----------------|---|
| Stainless Steel | <b>AMD5444-ST</b> | 2CLA687410N1101 | 5 |
| Silk Black      | <b>AMD5444-SB</b> | 2CLA687410N1501 | 5 |
| Antique Gold    | <b>AMD5444-AG</b> | 2CLA687410N1601 | 5 |
| Matt Gold       | <b>AMD5444-MG</b> | 2CLA687410N1701 | 5 |
| White Glass     | <b>AMD5444-WG</b> | 2CLA687410N3001 | 2 |
| Black Glass     | <b>AMD5444-BG</b> | 2CLA687410N3101 | 2 |

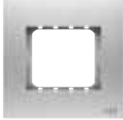
## Millenium - Grid system for combination (AMD)


### Triple rocker switches

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Switch 3-gang, 2-way, triple rocker 10AX</b><br>Rated voltage: 250Vac<br>Rated power: 10AX Total |                 |          |
| Stainless Steel   | <b>AMD10753-ST</b>  | 2CLA630200N1101 | 10       |
| Silk Black  | <b>AMD10753-SB</b>  | 2CLA630200N1501 | 10       |
| Antique Gold  | <b>AMD10753-AG</b>  | 2CLA630200N1601 | 10       |
| Matt Gold   | <b>AMD10753-MG</b>  | 2CLA630200N1701 | 10       |
| White Glass   | <b>AMD10753-WG</b>  | 2CLA630200N3001 | 5        |
| Black Glass   | <b>AMD10753-BG</b>  | 2CLA630200N3101 | 5        |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Switch 3-gang, 2-way, triple rocker 16AX</b><br>Rated voltage: 250Vac<br>Rated power: 16AX Total |                 |    |
| Stainless Steel   | <b>AMD12153-ST</b>  | 2CLA630210N1101 | 10 |
| Silk Black  | <b>AMD12153-SB</b>  | 2CLA630210N1501 | 10 |
| Antique Gold  | <b>AMD12153-AG</b>  | 2CLA630210N1601 | 10 |
| Matt Gold   | <b>AMD12153-MG</b>  | 2CLA630210N1701 | 10 |
| White Glass   | <b>AMD12153-WG</b>  | 2CLA630210N3001 | 5  |
| Black Glass   | <b>AMD12153-BG</b>  | 2CLA630210N3101 | 5  |




|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Push button 3-gang, 1-way, triple rocker 10AX</b><br>Rated voltage: 250Vac<br>Rated power: 10AX Total |                 |    |
| Stainless Steel   | <b>AMD43053-ST</b>   | 2CLA630400N1101 | 10 |
| Silk Black  | <b>AMD43053-SB</b>   | 2CLA630400N1501 | 10 |
| Antique Gold  | <b>AMD43053-AG</b>   | 2CLA630400N1601 | 10 |
| Matt Gold   | <b>AMD43053-MG</b>   | 2CLA630400N1701 | 10 |
| White Glass   | <b>AMD43053-WG</b>   | 2CLA630400N3001 | 5  |
| Black Glass   | <b>AMD43053-BG</b>   | 2CLA630400N3101 | 5  |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Triple rocker switch/KNX sensors frame 1-gang</b><br>Includes metal mounting frame<br>Dimensions 86x86 mm. |                 |          |
| Stainless Steel   | <b>AMD5153-ST</b>   | 2CLA637100N1101 | 10       |
| Silk Black  | <b>AMD5153-SB</b>   | 2CLA637100N1501 | 10       |
| Antique Gold  | <b>AMD5153-AG</b>   | 2CLA637100N1601 | 10       |
| Matt Gold   | <b>AMD5153-MG</b>   | 2CLA637100N1701 | 10       |
| White Glass   | <b>AMD5153-WG</b>   | 2CLA637100N3001 | 10       |
| Black Glass   | <b>AMD5153-BG</b>   | 2CLA637100N3101 | 10       |



|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Triple rocker switch/KNX sensors frame 2-gang</b><br>Includes metal mounting frame<br>Dimensions 86x147 mm. |                 |    |
| Stainless Steel   | <b>AMD5253-ST</b>  | 2CLA667200N1101 | 10 |
| Silk Black  | <b>AMD5253-SB</b>  | 2CLA667200N1501 | 10 |
| Antique Gold  | <b>AMD5253-AG</b>  | 2CLA667200N1601 | 10 |
| Matt Gold   | <b>AMD5253-MG</b>  | 2CLA667200N1701 | 10 |
| White Glass   | <b>AMD5253-WG</b>  | 2CLA667200N3001 | 5  |
| Black Glass   | <b>AMD5253-BG</b>  | 2CLA667200N3101 | 5  |

## Millenium - Grid system for combination (AMD)

### Socket outlet


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Universal socket outlet</b><br>Rated voltage/current: 230Vac/13A, 127Vac/15A<br>Child protection<br>Combination with frames<br>AMD5144-XX & AMD5244-XX   |                 |          |
| Anthracite  | <b>AMD39144-AN</b>  | 2CLA623900N1801 | 1        |
| White   | <b>AMD39144-WP</b>  | 2CLA623900N2001 | 1        |
|    | <b>Schuko earthed socket outlet</b><br>Rated voltage/current: 250Vac / 16A<br>Child protection<br>Type F: 2P+E<br>Combination with frames<br>AMD5144-XX & AMD5244-XX                                    |                 |          |
| Anthracite  | <b>AMD88144-AN</b>  | 2CLA628800N1801 | 1        |
| White Plastic   | <b>AMD88144-WP</b>  | 2CLA628800N2001 | 1        |
|  | <b>Euro-American earthed socket outlet</b><br>Rated voltage/current: 250Vac / 16A, 127Vac / 15A<br>Child protection<br>Type B+C: 2P / NEMA 5-15R.<br>Combination with frames<br>AMD5144-XX & AMD5244-XX |                 |          |
| Anthracite  | <b>AMD38144-AN</b>  | 2CLA623800N1801 | 1        |
| White Plastic   | <b>AMD38144-WP</b>  | 2CLA623800N2001 | 1        |


### USB charger


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>USB charger 2A, 1-gang - 1M</b><br>Input voltage: 110-230V - 50/60 Hz<br>USB charger type-A: 10W (5V - 2A)<br>Operating temperature: 0 °C to 45 °C<br>Energy efficiency: > 79%<br>Overload protection and auto-restart<br>Combination with frames:<br>AMD5144-XX & AMD5244-XX |                 |          |
| Anthracite  | <b>AMD85222-AN</b>   | 2CLA618520N1801 | 1        |
| White   | <b>AMD85222-WP</b>   | 2CLA618520N2001 | 1        |
|  | <b>USB charger 1,5A, 2-gang - 2M</b><br>Input voltage: 110-240V - 50/60 Hz<br>USB charger type-A: 7.5W (5V - 0.75A per port)<br>Operating temperature: 0 °C to 35 °C<br>Energy efficiency: > 71%<br>Overload protection<br>Combination with frames:<br>AMD5144-XX & AMD5244-XX   |                 |          |
| Anthracite  | <b>AMD85144-AN</b>   | 2CLA628500N1801 | 1        |
| White   | <b>AMD85144-WP</b>   | 2CLA628500N2001 | 2        |


## Millenium - Grid system for combination (AMD)


### Voice data & information connectors


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>RJ45 Keystone, 3M &amp; AMP system adaptor</b><br>Combined with cover plates: AMD33144-XX, AMD33244-XX, AMD33544-XX & AMD33644-XX<br>Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444 |                 |          |
|   | <b>AMD6016</b>  | 2CLA601600A1001 | 10       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>RJ45 Systimax system adaptor</b><br>Combined with cover plates: AMD33144-XX, AMD33244-XX, AMD33544-XX & AMD33644-XX<br>Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444 |                 |    |
|   | <b>AMD6016.1</b>  | 2CLA601610A1001 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>RJ45 Panduit system adaptor</b><br>Combined with cover plates: AMD33144-XX, AMD33244-XX, AMD33544-XX & AMD33644-XX<br>Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444 |                 |    |
|   | <b>AMD6016.2</b>   | 2CLA601620A1001 | 10 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>RJ45 R&amp;M system adaptor</b><br>Combined with cover plates: AMD33144-XX, AMD33244-XX, AMD33544-XX & AMD33644-XX<br>Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444 |                 |    |
|   | <b>AMD6016.3</b>   | 2CLA601630A1001 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Flat cover plate with shutter for RJ45 connector 1-gang</b><br>Cover plate for one data connector housing (refs.: AMD6016, AMD6016.1, AMD6016.2 and AMD6016.3)<br>With labeling area for stickers<br>With shutter<br>Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444 |                 |    |
| Anthracite  | <b>AMD33144-AN</b>  | 2CLA621630N1801 | 10 |
| White   | <b>AMD33144-WP</b>  | 2CLA621630N2001 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Flat cover plate with shutter for RJ45 connector 2-gang</b><br>Cover plate for two data connector housing (refs.: AMD6016, AMD6016.1, AMD6016.2 and AMD6016.3)<br>With labeling area for stickers<br>With shutter<br>Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444 |                 |    |
| Anthracite  | <b>AMD33244-AN</b>  | 2CLA621640N1801 | 10 |
| White   | <b>AMD33244-WP</b>  | 2CLA621640N2001 | 10 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Inclined cover plate with shutter for RJ45 connector 1-gang</b><br>Cover plate for one data connector housing (refs.: AMD6016, AMD6016.1, AMD6016.2 and AMD6016.3)<br>With labeling area for stickers<br>With shutter<br>Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444 |                 |          |
| Anthracite  | <b>AMD33544-AN</b>  | 2CLA621670N1801 | 5        |
| White   | <b>AMD33544-WP</b>  | 2CLA621670N2001 | 5        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Inclined cover plate with shutter for RJ45 connector 2-gang</b><br>Cover plate for two data connector housing (refs.: AMD6016, AMD6016.1, AMD6016.2 and AMD6016.3)<br>With labeling area for stickers<br>With shutter<br>Combination with frames: AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444 |                 |   |
| Anthracite  | <b>AMD33644-AN</b>  | 2CLA621680N1801 | 5 |
| White   | <b>AMD33644-WP</b>  | 2CLA621680N2001 | 5 |


## Millenium - Grid system for combination (AMD)


### Voice data & information connectors


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Data outlet RJ45 Cat 6 UTP 1-gang - 1M</b><br>8 pole UTP<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |          |
| Anthracite  | <b>AMD33322-AN</b>  | 2CLA611860N1801 | 10       |
| White   | <b>AMD33322-WP</b>  | 2CLA611860N2001 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Data outlet RJ45 Cat 6A UTP 1-gang - 1M</b><br>8 pole UTP<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |    |
| Anthracite  | <b>AMD33422-AN</b>   | 2CLA611870N1801 | 10 |
| White   | <b>AMD33422-WP</b>   | 2CLA611870N2001 | 10 |


|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>TV/SAT terminal outlet F type - 1M</b><br>F type isolated dead-end-feeder.<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |    |
| Anthracite   | <b>AMD30322-AN</b>  | 2CLA615000N1801 | 10 |
| White  | <b>AMD30322-WP</b>  | 2CLA615000N2001 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>TV terminal outlet M type - 1M</b><br>Single TV outlet - Dead-end<br>M type - 9,52 mm. male<br>For 75Ω impedance coaxial cable<br>Avoid small bending radius<br>Frequency range: 5 - 2.400 Mhz<br>Connection loss: 1 dB<br>Isolation: >16 dB<br>Return loss: >7,6 dB<br>DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz<br>- DiSEqC<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |    |
| Anthracite  | <b>AMD30122-AN</b>   | 2CLA615070N1801 | 10 |
| White   | <b>AMD30122-WP</b>   | 2CLA615070N2001 | 10 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>TV/SAT terminal outlet F type - 2M</b><br>F type isolated dead-end-feeder.<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD30344-AN</b>  | 2CLA625000N1801 | 5 |
| White   | <b>AMD30344-WP</b>  | 2CLA625000N2001 | 5 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>2RCA connection unit</b><br>Front: 2x RCA connectors (Red / White)<br>Rear: screw terminals (4 wires)<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD55222-AN</b>   | 2CLA615520N1801 | 1 |
| White   | <b>AMD55222-WP</b>   | 2CLA615520N2001 | 1 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>3RCA connection unit</b><br>Front: 3x RCA connectors (Red / White / Yellow)<br>Rear: screw terminals (6 wires)<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |          |
| Anthracite  | <b>AMD55322-AN</b>  | 2CLA615530N1801 | 1        |
| White   | <b>AMD55322-WP</b>  | 2CLA615530N2001 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Mini-Jack connection unit</b><br>Front: 1x Mini-Jack connector<br>(3,5mm stereo audio jack)<br>Rear: screw terminals (3/4 wires)<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD55422-AN</b>  | 2CLA615540N1801 | 1 |
| White   | <b>AMD55422-WP</b>  | 2CLA615540N2001 | 1 |


|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>VGA connection unit</b><br>Front: 1x VGA connector (DE-15 connector)<br>Rear: screw terminals (15 wires)<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite   | <b>AMD55522-AN</b>  | 2CLA615550N1801 | 1 |
| White  | <b>AMD55522-WP</b>  | 2CLA615550N2001 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>HDMI connector female</b><br>Front: 1x HDMI connector (Type A connector)<br>Rear: 1x HDMI connector (Type A connector) fitted at<br>90° angle<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD55722-AN</b>   | 2CLA615570N1801 | 5 |
| White   | <b>AMD55722-WP</b>   | 2CLA615570N2001 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>USB connector female</b><br>USB adaptor. No charger<br>Front: 1x USB 2.0 connector (Type A connector)<br>Rear: 1x USB 2.0 connector (Type A connector) fitted at<br>90° angle<br>Combination with frames: AMD5144-XX,<br>AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD55922-AN</b>   | 2CLA615590N1801 | 1 |
| White   | <b>AMD55922-WP</b>   | 2CLA615590N2001 | 1 |

## Millenium - Grid system for combination (AMD)


### Dimmers


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>LED rotary/push dimmer - 2M</b><br>Rated voltage: 230 Vac ± 10%.<br>Frequency: 50 Hz (Nominal power: 250 W/VA) / 60 Hz (Nominal power: 200 W/VA).<br>Power (min./max load):<br>- LEDi: 2 / 100 W/VA (max. 10 lamps).<br>- Dimmable energy saving lamps: 2 / 100 W/VA (max. 10 lamps).<br>- LV LEDi with transformer (only type L or LC): 4 / 100 W/VA (max. 10 lamps).<br>- Incandescent lamps: 10 / 250 W/VA.<br>- Halogen lamps: 10 / 250 W/VA.<br>- LV halogen with transformer (only type L or LC): 10 / 250 W/VA (max. 10 lamps).<br>2 wire connection.<br>Optional: auxiliary on/off with 2-way switch.<br>Indicator LED lamp included.<br>Back-up fuse: Electronic.<br>Overload protection: Electronic.<br>Ambient temperature: 0° C to +35° C.<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |          |
| Anthracite  | <b>AMD60344-AN</b>  | 2CLA626030N1801 | 1        |
| White   | <b>AMD60344-WP</b>  | 2CLA626030N2001 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Universal rotatory/push dimmer - 2M</b><br>Rated voltage: 230 Vac ; 50 Hz.<br>Min. power: 60 W / VA.<br>Max. power:<br>- Incandescent: 500 W.<br>- Halogen lamp with electronic transformer: 500 VA.<br>- Halogen lamp with ferromagnetic transformer: 400 VA.<br>2 wire connection.<br>Optional: auxiliary control with push-buttons.<br>Indicator LED lamp included.<br>Operating temperature: 0° C to +30° C.<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD60244-AN</b>  | 2CLA626020N1801 | 1 |
| White   | <b>AMD60244-WP</b>  | 2CLA626020N2001 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>1-10V rotary dimmer - 2M</b><br>Rated voltage: 127 - 230 Vac ; 50-60 Hz<br>Dimmable electronic ballast/driver with 1-10V control input.<br>Max. power:<br>- 230 Vac: 700 VA.<br>- 127 Vac: 350 VA.<br>Max. 6 ballasts per device.<br>Indicator LED lamp included.<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD60944-AN</b>   | 2CLA626090N1801 | 1 |
| White   | <b>AMD60944-WP</b>   | 2CLA626090N2001 | 1 |

### Motion sensor

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>LED/Universal Rotary dimmer</b><br>Rated voltage: 250Vac / 50-60 Hz<br>Power (min./max load):<br>- LEDi (trailing-edge lamps): 4 / 125 W/VA.<br>- LEDi (leading-edge lamps): 4 / 30 W/VA.*<br>- LV LEDi with transformer type C: 4 / 125 W/VA.<br>- LV LEDi with transformer type LC: 4 / 30 W/VA.*<br>- LV halogen with transformer type C: 4 / 125 W/VA.<br>- LV halogen with transformer type LC: 4 / 125 W/VA.<br>- Incandescent lamps: 4 / 125 W/VA.<br>- Halogen lamps: 4 / 125 W/VA.<br>*Max. 10 lamps. |                 |          |
| Anthracite  | <b>AMD60322-AN</b>  | 2CLA616030N1801 | 1        |
| White Plastic   | <b>AMD60322-WP</b>  | 2CLA616030N2001 | 1        |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>110° motion sensor - 2M</b><br>Rated voltage: 127 - 230 Vac ± 10% ; 50 - 60 Hz<br>Outputs: 1 Normally Open (NO). Potential free<br>Max. power:<br>- Incandescent: 1.800W @230Vac / 1.000W @127Vac<br>- Halogen with electronic o ferromagnetic transformer: 750VA @230Vac / 400VA @127Vac<br>- Fluorescent lamps or motors: 400VA @230Vac / 200VA @127Vac<br>For automatic switching of devices dependent on motion and brightness.<br>With integrated selector switch for ON-AUTOMATIC-OFF in the front side.<br>Switch-off delay: 10 sec to 10 min or short-time pulse 1 sec adjustable (from the front side).<br>Detection range: 5 m radius.<br>Adjustable light set point level for activation (from the front side).<br>Detection angle: 110°<br>Mounting height: 1,2 m<br>Auxiliary control with push-buttons<br>Temperature range (Device): -10 °C to 40 °C<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD41144-AN</b>   | 2CLA624100N1801 | 1 |
| White   | <b>AMD41144-WP</b>   | 2CLA624100N2001 | 1 |


### Various


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Blank insert 1M</b><br>Blank insert 1 module<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |    |
| Anthracite  | <b>AMD50422-AN</b>  | 2CLA610000N1801 | 10 |
| White   | <b>AMD50422-WP</b>  | 2CLA610000N2001 | 10 |





## Millenium - Grid system for combination (AMD)


### Sound system


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Buzzer - 2M</b><br>Rated voltage: 127-230 Vac ; 50-60 Hz.<br>Rated power: 8 VA.<br>Adjustable tone.<br>Acoustic power at 1 meter with cover plate: 75 dB.<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |          |
| Anthracite  | <b>AMD19144-AN</b>   | 2CLA621900N1801 | 5        |
| White   | <b>AMD19144-WP</b>   | 2CLA621900N2001 | 5        |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Electronic door bell 230Vac - 2M</b><br>Rated voltage: 230 Vac ; 50-60 Hz.<br>4 melodies available.<br>Acoustic power at 1 meter with cover plate: 72 dB.<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD24144-AN</b>   | 2CLA622400N1801 | 5 |
| White   | <b>AMD24144-WP</b>   | 2CLA622400N2001 | 5 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Modular sound system, BT receiver with amplifier</b><br>Rated voltage: 110-230 Vac $\pm$ 15%; 50-60 Hz<br>Max. consumption: 7W<br>Stand-by consumption: 0,2W<br>Amplifier power: 2+2 W; <1% distortion (16 $\Omega$ )<br>Speaker impedance: 16 $\Omega$ (2+2 W audio)<br>3 audio inputs: Bluetooth, AUX (front), TV (rear) |                 |   |
| Anthracite  | <b>AMD68444-AN</b>  | 2CLA626840N1801 | 1 |
| White Plastic   | <b>AMD68444-WP</b>  | 2CLA626840N2001 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>FM stereo receiver with RDS</b><br>Rated voltage: 230 Vac $\pm$ 15% / 50-60 Hz<br>Max. consumption:100 mA<br>Stand-by consumption with the display illumination at minimum:0.2 W<br>Stand-by consumption ref. AMD68044-AN + AMD68344-AN9368: 0.6 W<br>Maximum output power: 2+2 W; <1% distortion (16 W)<br>Speaker Impedance: 16 W (2+2 W audio)<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD68044-AN</b>   | 2CLA626800N1801 | 1 |
| White   | <b>AMD68044-WP</b>   | 2CLA626800N2001 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Input/output, USB &amp; Bluetooth® module</b><br>Power supply through AUX.: 9 V<br>Bluetooth® v2.1 2.4GHz IEEE 802.15.1<br>Maximum reach from the module to user's Bluetooth® device: 10 m.<br>Maximum consumption: 175 ~ 200 mA<br>Consumption stand-by: 0.4 W<br>Headphones impedance: 16 ~ 600 $\Omega$<br>(25 + 25 mW audio phones)<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |   |
| Anthracite  | <b>AMD68344-AN</b>   | 2CLA626830N1801 | 1 |
| White   | <b>AMD68344-WP</b>   | 2CLA626830N2001 | 1 |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Remote control unit for 9368.1</b><br>Power supply: 230 V~ / 127 V~ ; $\pm$ 15% ; 50-60 Hz<br>Maximum power consumption ref. 9368.2: 15 mA<br>Stand-by consumption with the display illumination at minimum :0.5 W<br>Stand-by consumption ref. AMD68244-AN + AMD68344-AN: 0.9 W<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX. |                 |          |
| Anthracite  | <b>AMD68244-AN</b>  | 2CLA626820N1801 | 1        |
| White   | <b>AMD68244-WP</b>  | 2CLA626820N2001 | 1        |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Radio/amplifier module for ceiling with Bluetooth® 9368.1</b><br>Bluetooth®: 230 V~ / 127 V~; $\pm$ 15%; 50-60 Hz<br>Maximum reach from the module to user's Bluetooth® device: 10 m.<br>Maximum power consumption: 200 mA<br>Consumption stand-by: 0.3 W<br>Antenna impedance: 75 $\Omega$<br>Maximum power headphone output: 6+6 W; <1% distortion (4 $\Omega$ )<br>Minimum impedance of headphones: 4 $\Omega$ (6+6 W audio) |                 |    |
| <b>9368.1</b>   |  | 2CLA936810A1002 | 10 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>Loudspeaker 5"</b><br>Installation in flush box ref. 9399 drilling 17mm or embedded ring ref. 9399.1 drilling 160mm.<br>Max. Power: 6W<br>Impedance: 16 $\Omega$<br>Response frequency: 70Hz to 10kHz |                 |   |
| <b>9329.1</b>   |  | 2CLA932910A1001 | 1 |

|   |                                     |                 |    |
|---|-------------------------------------|-----------------|----|
|  | <b>Flush box for loudspeaker 5"</b> |                 |    |
| <b>9399</b>   |                                     | 2CLA939900A1001 | 12 |




|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>Embedded ring for loudspeaker 5"</b> |                 |    |
| <b>9399.1</b>   |   | 2CLA939910A1001 | 12 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>Styling grid for loudspeaker 5"</b> |                 |    |
| <b>9399.2</b>   |  | 2CLA939920A1001 | 12 |

## Millenium - Grid system for combination (AMD)


ABB-free@home®


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <p><b>For switching 230 V~ consumers. With integrated switch actuator. Switching function is available also without prior programming (pre-configured). Only to be used in combination with ABB-free@home® 1/2-Fold sensor cover plate.</b></p> <p>44 mm. × 44 mm. × 45 mm.<br/>           Outputs: 1× normally open contact, potential free.<br/>           Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W.<br/>           Suitable for: capacitive. Rated current: 10 AX.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 32 mm.</p>  |                 |          |
|   | <b>SSA-F-1.1.PB.1</b>   | 2CKA006220A0232 | 1        |
| Wireless  | <b>SSA-F-1.1.PB.1-WL</b>  | 2CKA006200A0108 | 1        |
|   | <p><b>For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available also without prior programming (pre-configured). Only to be used in combination with ABB-free@home® 1/2-Fold sensor cover plate.</b></p> <p>44 mm. × 44 mm. × 45 mm.<br/>           Outputs: 1× dimming channel.<br/>           Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10 – 180 W / VA.<br/>           Suitable for: LEDi and energy-saving bulbs; typical. Rated power: 2 – 80 W / VA.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 32 mm.</p> |                 |          |
|   | <b>SDA-F-1.1.PB.1</b>   | 2CKA006220A0235 | 1        |
| Wireless  | <b>SDA-F-1.1.PB.1-WL</b>  | 2CKA006200A0111 | 1        |
|  | <p><b>For controlling blind and awning motors. With integrated blind actuator. Blind function is available also without prior programming (pre-configured). Only to be used in combination with ABB-free@home® 1/2-Fold sensor cover plate.</b></p> <p>44 mm. × 44 mm. × 45 mm.<br/>           Outputs: 1× Change-over contacts/ normally open contact, potential bound. Rated power: 920 VA. Rated current: 4 A.<br/>           Suitable for: Operating mode blind.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 32 mm.</p>  |                 |          |
|   | <b>SBA-F-1.1.PB.1</b>   | 2CKA006220A0237 | 1        |
| Wireless  | <b>SBA-F-1.1.PB.1-WL</b>  | 2CKA006200A0113 | 1        |
|  | <p><b>For sending switching, dimming and blind commands to an ABB-free@home® actuator. Only to be used in combination with ABB-free@home® 1/2-Fold sensor cover plate.</b></p> <p>44 mm. × 44 mm. × 45 mm.<br/>           Control: Push buttons up/down.<br/>           LEDs: Used as orientation light or as switching status.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 9 mm.</p>  |                 |          |
|   | <b>SU-F-1.0.PB.1</b>  | 2CKA006220A0222 | 1        |
| Wireless  | <b>SU-F-1.0.PB.1-WL</b>   | 2CKA006200A0106 | 1        |


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <p><b>1/2-Fold sensor cover plate</b></p> <p>Cover plate ABB-free@home® 1/2-Fold sensor for the SSA-F-1.1.PB.1, SDAF-1.1.PB.1, SBA-F-1.1.PB.1 and SU-F-1.0.PB.1 sensors.<br/>           Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX &amp; AMD5444-XX.</p>  |                 |          |
| Anthracite  | <b>SR-2-AMAN</b>  | 2CLA622620N1801 | 5        |
| White   | <b>SR-2-AMWP</b>  | 2CLA622620N2001 | 5        |
|    | <p><b>For switching 230 V~ consumers. With one integrated switch actuator. Switching function is available also without prior programming (pre-configured). Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.</b></p> <p>44 mm. × 44 mm. × 45 mm.<br/>           Outputs: 1× normally open contact, potential free.<br/>           Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W.<br/>           Suitable for: capacitive. Rated current: 10 AX.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 32 mm.</p>  |                 |          |
|   | <b>SSA-F-2.1.PB.1</b>   | 2CKA006220A0233 | 1        |
| Wireless  | <b>SSA-F-2.1.PB.1-WL</b>  | 2CKA006200A0109 | 1        |
|  | <p><b>For switching 230 V~ consumers. With two integrated switch actuators. Switching function is available also without prior programming (pre-configured). Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.</b></p> <p>44 mm. × 44 mm. × 45 mm.<br/>           Outputs: 2× normally open contact, potential free.<br/>           Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W.<br/>           Suitable for: capacitive. Rated current: 10 AX.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 32 mm.</p> |                 |          |
|   | <b>SSA-F-2.2.PB.1</b>   | 2CKA006220A0234 | 1        |
| Wireless  | <b>SSA-F-2.2.PB.1-WL</b>  | 2CKA006200A0110 | 1        |


## Millenium - Grid system for combination (AMD)


ABB-free@home®


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <p><b>For dimming 230 V~ loads.</b><br/> <b>With integrated universal dimming actuator for controlling different lamps.</b><br/> <b>The dimming function is available also without prior programming (pre-configured).</b><br/> <b>Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.</b><br/>           44 mm. × 44 mm. × 45 mm.<br/>           Outputs: 1× dimming channel.<br/>           Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers.<br/>           Rated power: 10 – 180 W / VA.<br/>           Suitable for: LEDi and energy-saving bulbs; typical.<br/>           Rated power: 2 – 80 W / VA<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 32 mm.</p> |                 |          |
|   | <b>SDA-F-2.1.PB.1</b>  | 2CKA006220A0236 | 1        |
| Wireless  | <b>SDA-F-2.1.PB.1-WL</b>   | 2CKA006200A0112 | 1        |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <p><b>For controlling blind and awning motors.</b><br/> <b>With integrated blind actuator.</b><br/> <b>Blind function is available also without prior programming (pre-configured).</b><br/> <b>Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.</b><br/>           44 mm. × 44 mm. × 45 mm.<br/>           Outputs: 1× Change-over contacts/ normally open contact, potentialbound. Rated power: 920 VA. Rated current: 4 A.<br/>           Suitable for: Operating mode blind.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 32 mm.</p> |                 |   |
|   | <b>SBA-F-2.1.PB.1</b>   | 2CKA006220A0238 | 1 |
| Wireless  | <b>SBA-F-2.1.PB.1-WL</b>  | 2CKA006200A0114 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <p><b>For sending switching, dimming and blind commands to an ABB-free@home® actuator.</b><br/> <b>Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate.</b><br/>           44 mm. × 44 mm. × 45 mm.<br/>           Control: Push buttons up/down.<br/>           LEDs: Used as orientation light or as switching status.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 9 mm.</p> |                 |   |
|   | <b>SU-F-2.0.PB.1</b>   | 2CKA006220A0223 | 1 |
| Wireless  | <b>SU-F-2.0.PB.1-WL</b>  | 2CKA006200A0107 | 1 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <p><b>2/4-Fold sensor cover plate</b><br/>           Cover plate ABB-free@home® 2/4-Fold sensor for the SSA-F-2.1.PB.1, SSA-F-2.2.PB.1, SDA-F-2.1.PB.1, SBA-F-2.1PB.1 and SU-F-2.0.PB.1 sensors.<br/>           Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX &amp; AMD5444-XX.</p> |                 |   |
| Anthracite  | <b>SR-4-AMAN</b>   | 2CLA622640N1801 | 5 |
| White   | <b>SR-4-AMWP</b>   | 2CLA622640N2001 | 5 |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <p><b>For controlling the room temperature with thermostat functions. Control of conventional actuators or analog actuator (constant regulation) with the HA-M-0.6.1 and HA-M-0.12.1 actuators.</b><br/> <b>With NOMINAL temperature indication. Only to be used in combination with ABB-free@home® room temperature controller cover plate.</b><br/>           44 mm. × 44 mm. × 45 mm.<br/>           Visualization: LCD status mode indicator.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 14 mm.</p> |                 |          |
|   | <b>RTC-F-1.PB</b>   | 2CKA006220A0276 | 1        |
| Wireless  | <b>RTC-F-1.PB-WL</b>  | 2CKA006200A0115 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <p><b>Room temperature controller cover plate.</b><br/>           Cover plate ABB-free@home® for RTC-F-1.PB</p> |                 |   |
| Anthracite  | <b>CP-RTC-AMAN</b>  | 2CLA624060N1801 | 5 |
| White   | <b>CP-RTC-AMWP</b>  | 2CLA624060N2001 | 5 |

|   |  |                 |   |
|---|--|-----------------|---|
|  | <p><b>Watchdog sensor 180° with lens for the detection of animals. For the automatic switching of the ABB-free@home® actuators.</b><br/> <b>Only to be used in combination with ABB-free@home® Watchdog 180° flush mounted cover plate.</b><br/>           44 mm. × 44 mm. × 45 mm.<br/>           Detection range: 6m front, 3m lateral.<br/>           Angle: 180°.<br/>           Brightness range: 1-500 Lux.<br/>           Protection class of device: IP 20.<br/>           Mounting depth: 9 mm.</p> |                 |   |
|   | <b>MSA-F-1.1.PB.1</b>  | 2CKA006220A0231 | 1 |
| Wireless  | <b>MSA-F-1.1.PB.1 -WL</b>  | 2CKA006200A0117 | 1 |

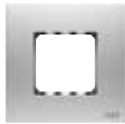
|   |  |                 |   |
|---|--|-----------------|---|
|  | <p><b>Watchdog sensor 180 cover plate.</b><br/>           Cover plate ABB-free@home® for Watchdog sensor MSA-F-1.1.PB.1.<br/>           Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX &amp; AMD5444-XX.</p> |                 |   |
| Anthracite  | <b>CP-MD-AMAN</b>  | 2CLA624160N1801 | 5 |
| White   | <b>CP-MD-AMWP</b>  | 2CLA624160N2001 | 5 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <p>Light symbol button ABB-free@home®<br/>           Blind symbol button ABB-free@home®<br/>           Scene symbol button ABB-free@home®<br/>           Dimmer symbol button ABB-free@home®</p> |                 |    |
| Light Anthracite  | <b>SBL-AMAN</b>  | 2CLA602610N1801 | 20 |
| Light White   | <b>SBL-AMWP</b>  | 2CLA602610N2001 | 20 |
| Blind Anthracite  | <b>SBB-AMAN</b>  | 2CLA602620N1801 | 20 |
| Blind White   | <b>SBB-AMWP</b>  | 2CLA602620N2001 | 20 |
| Scene Anthracite  | <b>SBS-AMAN</b>  | 2CLA602630N1801 | 20 |
| Scene White   | <b>SBS-AMWP</b>  | 2CLA602630N2001 | 20 |
| Dimmer Anthracite   | <b>SBD-AMAN</b>  | 2CLA602640N1801 | 20 |
| Dimmer White  | <b>SBD-AMWP</b>  | 2CLA602640N2001 | 20 |

## Millenium - Grid system for combination (AMD)

### Half/double rocker & other functions frames

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Half/double rocker & other functions frame 1-gang

Includes metal mounting frame  
Dimensions 86 x 86 mm.

|                 |                   |                 |    |
|-----------------|-------------------|-----------------|----|
| Stainless Steel | <b>AMD5144-ST</b> | 2CLA627100N1101 | 10 |
| Silk Black      | <b>AMD5144-SB</b> | 2CLA627100N1501 | 10 |
| Antique Gold    | <b>AMD5144-AG</b> | 2CLA627100N1601 | 10 |
| Matt Gold       | <b>AMD5144-MG</b> | 2CLA627100N1701 | 10 |
| White Glass     | <b>AMD5144-WG</b> | 2CLA627100N3001 | 10 |
| Black Glass     | <b>AMD5144-BG</b> | 2CLA627100N3101 | 10 |



#### Premium/half/double rocker switch frame 2-gang

Includes metal mounting frame  
Dimensions 86 x 147 mm.

|                 |                   |                 |    |
|-----------------|-------------------|-----------------|----|
| Stainless Steel | <b>AMD5244-ST</b> | 2CLA647200N1101 | 10 |
| Silk Black      | <b>AMD5244-SB</b> | 2CLA647200N1501 | 10 |
| Antique Gold    | <b>AMD5244-AG</b> | 2CLA647200N1601 | 10 |
| Matt Gold       | <b>AMD5244-MG</b> | 2CLA647200N1701 | 10 |
| White Glass     | <b>AMD5244-WG</b> | 2CLA647200N3001 | 5  |
| Black Glass     | <b>AMD5244-BG</b> | 2CLA647200N3101 | 5  |



#### Premium/half/double rocker switch frame 3-gang

Includes metal mounting frame  
Dimensions 86 x 228 mm.

|                 |                   |                 |   |
|-----------------|-------------------|-----------------|---|
| Stainless Steel | <b>AMD5344-ST</b> | 2CLA667310N1101 | 5 |
| Silk Black      | <b>AMD5344-SB</b> | 2CLA667310N1501 | 5 |
| Antique Gold    | <b>AMD5344-AG</b> | 2CLA667310N1601 | 5 |
| Matt Gold       | <b>AMD5344-MG</b> | 2CLA667310N1701 | 5 |
| White Glass     | <b>AMD5344-WG</b> | 2CLA667310N3001 | 2 |
| Black Glass     | <b>AMD5344-BG</b> | 2CLA667310N3101 | 2 |








#### Premium/half/double rocker switch frame 4-gang



Includes metal mounting frame  
Dimensions 86 x 293 mm.

|                 |                   |                 |   |
|-----------------|-------------------|-----------------|---|
| Stainless Steel | <b>AMD5444-ST</b> | 2CLA687410N1101 | 5 |
| Silk Black      | <b>AMD5444-SB</b> | 2CLA687410N1501 | 5 |
| Antique Gold    | <b>AMD5444-AG</b> | 2CLA687410N1601 | 5 |
| Matt Gold       | <b>AMD5444-MG</b> | 2CLA687410N1701 | 5 |
| White Glass     | <b>AMD5444-WG</b> | 2CLA687410N3001 | 2 |
| Black Glass     | <b>AMD5444-BG</b> | 2CLA687410N3101 | 2 |

## Millenium - Grid system for combination (AMD)

### KNX system

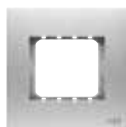
| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>2-Fold sensor</b><br>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br>Control element: Switch contacts.<br>Display elements: LED to indicate the function.<br>Protection class (Device): IP 20.<br>Temperature range (Device): -5 °C to 45 °C.<br>Dimensions: (L x W x D): 53 mm. x 44 mm.  |                 |          |
| <b>AMD72053-AN (6125/20-981-500)</b>  |  | 2CKA006115A0443 | 1        |
| <b>AMD72053-WP (6125/20-214-500)</b>  |  | 2CKA006115A0500 | 1        |
|    | <b>4-Fold sensor</b><br>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br>Control element: Switch contacts.<br>Display elements: LED to indicate the function.<br>Protection class (Device): IP 20.<br>Temperature range (Device): -5 °C to 45 °C.<br>Dimensions: (L x W x D): 53 mm. x 44 mm.  |                 |          |
| <b>AMD74053-AN (6126/20-981-500)</b>  |  | 2CKA006116A0218 | 1        |
| <b>AMD74053-WP (6126/20-214-500)</b>  |  | 2CKA006115A0501 | 1        |
|  | <b>6-Fold sensor</b><br>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br>Control element: Switch contacts.<br>Display elements: LED to indicate the function.<br>Protection class (Device): IP 20.<br>Temperature range (Device): -5 °C to 45 °C.<br>Dimensions: (L x W x D): 53 mm. x 44 mm.  |                 |          |
| <b>AMD76053-AN (6129/20-981-500)</b>  |  | 2CKA006118A0104 | 1        |
| <b>AMD76053-WP (6129/20-214-500)</b>  |  | 2CKA006115A0502 | 1        |
|  | <b>6-Fold sensor with IR</b><br>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br>Control element: Switch contacts.<br>Display elements: LED to indicate the function.<br>Protection class (Device): IP 20.<br>Temperature range (Device): -5 °C to 45 °C.<br>Dimensions: (L x W x D): 53 mm. x 44 mm.  |                 |          |
| <b>AMD76153-AN (6129/21-981-500)</b>  |  | 2CKA006118A0107 | 1        |
| <b>AMD76153-WP (6129/21-214-500)</b>  |  | 2CKA006134A0355 | 1        |
|  | <b>Watchdog 180° flush mounted</b><br>Movement sensor with up to four channels.<br>Detection range: frontal: 6 m., lateral: 6 m.<br>Detection angle: 180 °.<br>Brightness limit value: 5 Lux - 150 Lux.<br>Mounting height: 1.1 m.<br>Protection class (Device): IP 20.<br>Temperature range (Device): -5 °C to 45 °C.<br>Dimensions: (L x W x D): 53 mm x 44 mm<br>Position for installation: vertical. |                 |          |
| <b>AMD70153-AN (6122/20-981-500)</b>  |  | 2CKA006132A0306 | 1        |
| <b>AMD70153-WP (6122/20-214-500)</b>  |  | 2CKA006132A0424 | 1        |

| Product  | Article-No.   | Order-No.       | Pack/Qty |
|--|---|-----------------|----------|
|   | <b>Room thermostat heating/cooling fan coil</b><br>Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators.<br>The controller is a thermostat for fan coil units in 2- and 4-pipe systems and conventional heating or cooling systems.<br>The fan stage can be switched manually or in automatic mode.<br>Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.).<br>Switch contacts for operating mode selection and dial for setpoint or fan speed adjustment.<br>Display elements: LCD showing operation modes.<br>Protection class (Device): IP 20.<br>Temperature range (Device): -5 °C to 45 °C.<br>Dimensions: (L x W x D): 53 mm. x 44 mm. |                 |          |
| <b>AMD70053-AN (6124/08-981-500)</b>   |   | 2CKA006134A0309 | 1        |
| <b>AMD70053-WP (6124/08-214-500)</b>   |   | 2CKA006134A0354 | 1        |
|  | <b>Ceiling light symbol</b><br><b>Blind symbol</b><br><b>Scene symbol</b><br><b>Temperature symbol</b><br><b>Light symbol</b><br><b>Fan coil symbol</b><br>Labelling insert for Millenium control covers<br>1 / 2-gang, 2 / 4-gang, 3 / 6-gang and 3 / 6-gang with infrared   |                 |          |
| <b>AM50701-GR (6123/20-500)</b>  |   | 2CKA006123A0001 | 10       |
| <b>AM50702-GR (6123/21-500)</b>  |   | 2CKA006123A0002 | 10       |
| <b>AM50703-GR (6123/22-500)</b>  |   | 2CKA006123A0003 | 10       |
| <b>AM50704-GR (6123/23-500)</b>  |   | 2CKA006123A0004 | 10       |
| <b>AM50705-GR (6123/24-500)</b>  |   | 2CKA006123A0005 | 10       |
| <b>AM50706-GR (6123/26-500)</b>  |   | 2CKA006123A0006 | 10       |
| <b>AM50701-WH (6123/20-214-500)</b>  |   | 2CKA006123A0007 | 10       |
| <b>AM50702-WH (6123/21-214-500)</b>  |   | 2CKA006123A0008 | 10       |
| <b>AM50703-WH (6123/22-214-500)</b>  |   | 2CKA006123A0009 | 10       |
| <b>AM50704-WH (6123/23-214-500)</b>  |   | 2CKA006123A0010 | 10       |
| <b>AM50705-WH (6123/24-214-500)</b>  |   | 2CKA006123A0011 | 10       |
| <b>AM50706-WH (6123/26-214-500)</b>  |   | 2CKA006123A0012 | 10       |

## Millenium - Grid system for combination (AMD)

### Triple rocker & KNX sensor frames

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Triple rocker switch/KNX sensors frame 1-gang

Includes metal mounting frame  
Dimensions 86 x 86 mm.

|                 |                   |                 |    |
|-----------------|-------------------|-----------------|----|
| Stainless Steel | <b>AMD5153-ST</b> | 2CLA637100N1101 | 10 |
| Silk Black      | <b>AMD5153-SB</b> | 2CLA637100N1501 | 10 |
| Antique Gold    | <b>AMD5153-AG</b> | 2CLA637100N1601 | 10 |
| Matt Gold       | <b>AMD5153-MG</b> | 2CLA637100N1701 | 10 |
| White Glass     | <b>AMD5153-WG</b> | 2CLA637100N3001 | 10 |
| Black Glass     | <b>AMD5153-BG</b> | 2CLA637100N3101 | 10 |



#### Triple rocker switch/KNX sensors frame 2-gang

Includes metal mounting frame  
Dimensions 86 x 147 mm.

|                 |                   |                 |    |
|-----------------|-------------------|-----------------|----|
| Stainless Steel | <b>AMD5253-ST</b> | 2CLA667200N1101 | 10 |
| Silk Black      | <b>AMD5253-SB</b> | 2CLA667200N1501 | 10 |
| Antique Gold    | <b>AMD5253-AG</b> | 2CLA667200N1601 | 10 |
| Matt Gold       | <b>AMD5253-MG</b> | 2CLA667200N1701 | 10 |
| White Glass     | <b>AMD5253-WG</b> | 2CLA667200N3001 | 5  |
| Black Glass     | <b>AMD5253-BG</b> | 2CLA667200N3101 | 5  |

### Special metal mounting plate for KNX sensors







#### Special mounting plate KNX sensors 1G

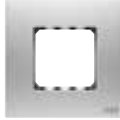



|  |                |                 |   |
|--|----------------|-----------------|---|
|  | <b>AMD5053</b> | 2CLA627190N1001 | 6 |
|--|----------------|-----------------|---|

## Millenium - Grid system for combination (AMD)

### Access control KNX







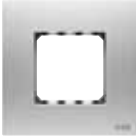


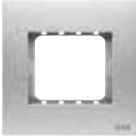

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Mifare transponder reader</b><br>1) Access Control transponder reader able to be completely integrated into every KNX installation.<br>2) 1 binary input for connecting cardholder<br>3) 1 output 4A (24 V AC/DC)<br>Required additional power supply (10...32 V DC/12...24 V AC)<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.                  |                 |          |
| <b>TR/U 1.1</b>   |   | 2CSY235683R2001 | 1        |
|    | <b>Mifare transponder holder</b><br>Access Control transponder holder able to be completely integrated into every KNX installation.<br>1) 1 binary input (ON/OFF, dimmer, shutter)<br>2) 1 output 4A (24 V AC/DC)<br>Required additional power supply (12...24 V AC/DC)<br>Combination with frames AMD5144-XX, AMD5244-XX, AMD5344-XX & AMD5444-XX.                               |                 |          |
| <b>TH/U 1.1</b>   |   | 2CSY265232R2021 | 1        |
|  | <b>Set of 10 transponder cards</b><br>The transponder card uses passive transponder technology operating in radio frequency (MIFARE technology), without the need for contact between the reader and the card itself.<br>The transponder card is read by swiping it in front of the reader at a maximum distance of 20 mm (can be reduced according to installation environment). |                 |          |
| <b>TS/T 1</b>   |   | 2CSY259412R2041 | 1        |
|  | <b>Software MiniMAC 4.1</b><br>Configuration and supervision software for ABB Access Control system.<br>Main functionalities are: management of keys, room state monitoring.<br>Guest check in/check out, front desk room load monitoring, management of guest and employee databases, front desk management of room climate, ...   |                 |          |
| <b>SW MiniMAC 4.1</b>   |   | 2CSY258202R2051 | 1        |

### Half/double rocker & other functions frames






| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Half/double rocker &amp; other functions frame 1-gang</b><br>Includes metal mounting frame<br>Dimensions 86 x 86 mm. |                 |          |
| Stainless Steel   | <b>AMD5144-ST</b>   | 2CLA627100N1101 | 10       |
| Silk Black  | <b>AMD5144-SB</b>   | 2CLA627100N1501 | 10       |
| Antique Gold  | <b>AMD5144-AG</b>   | 2CLA627100N1601 | 10       |
| Matt Gold   | <b>AMD5144-MG</b>   | 2CLA627100N1701 | 10       |
| White Glass   | <b>AMD5144-WG</b>   | 2CLA627100N3001 | 10       |
| Black Glass   | <b>AMD5144-BG</b>   | 2CLA627100N3101 | 10       |
|    | <b>Premium/half/double rocker switch frame 2-gang</b><br>Includes metal mounting frame<br>Dimensions 86 x 147 mm.       |                 |          |
| Stainless Steel   | <b>AMD5244-ST</b>   | 2CLA647200N1101 | 10       |
| Silk Black  | <b>AMD5244-SB</b>   | 2CLA647200N1501 | 10       |
| Antique Gold  | <b>AMD5244-AG</b>   | 2CLA647200N1601 | 10       |
| Matt Gold   | <b>AMD5244-MG</b>   | 2CLA647200N1701 | 10       |
| White Glass   | <b>AMD5244-WG</b>   | 2CLA647200N3001 | 5        |
| Black Glass   | <b>AMD5244-BG</b>   | 2CLA647200N3101 | 5        |
|  | <b>Premium/half/double rocker switch frame 3-gang</b><br>Includes metal mounting frame<br>Dimensions 86 x 228 mm.       |                 |          |
| Stainless Steel   | <b>AMD5344-ST</b>   | 2CLA667310N1101 | 5        |
| Silk Black  | <b>AMD5344-SB</b>   | 2CLA667310N1501 | 5        |
| Antique Gold  | <b>AMD5344-AG</b>   | 2CLA667310N1601 | 5        |
| Matt Gold   | <b>AMD5344-MG</b>   | 2CLA667310N1701 | 5        |
| White Glass   | <b>AMD5344-WG</b>   | 2CLA667310N3001 | 2        |
| Black Glass   | <b>AMD5344-BG</b>   | 2CLA667310N3101 | 2        |
|  | <b>Premium/half/double rocker switch frame 4-gang</b><br>Includes metal mounting frame<br>Dimensions 86 x 293 mm.       |                 |          |
| Stainless Steel   | <b>AMD5444-ST</b>   | 2CLA687410N1101 | 5        |
| Silk Black  | <b>AMD5444-SB</b>   | 2CLA687410N1501 | 5        |
| Antique Gold  | <b>AMD5444-AG</b>   | 2CLA687410N1601 | 5        |
| Matt Gold   | <b>AMD5444-MG</b>   | 2CLA687410N1701 | 5        |
| White Glass   | <b>AMD5444-WG</b>   | 2CLA687410N3001 | 2        |
| Black Glass   | <b>AMD5444-BG</b>   | 2CLA687410N3101 | 2        |

## Millenium

### Grid system frames selection table

|   | 1 gang frame  | 2 gang frame  |
|---|---|---|
| <b>Rocker switch</b>  | AMD5120-ST, SB, AG, MG  |   |
|    |    |   |
| <b>Premium rocker switch</b>  | AMD5044-ST, SB, AG, MG, WG, BG  | AMD5244-ST, SB, AG, MG, WG, BG  |
|    |    |    |
| <b>Half/Double rockers switch and other functions</b>                               | AMD5144-ST, SB, AG, MG, WG, BG  | AMD5244-ST, SB, AG, MG, WG, BG  |
|   |   |   |
| <b>Triple rocker switch &amp; KNX sensors</b>                                       | AMD5133-ST, SB, AG, MG, WG, BG  | AMD5253-ST, SB, AG, MG, WG, BG  |
|  |  |  |



| 3 gang frame   | 4 gang frame  | Mounting plate  |
|--|---|---|
|  |   | Included  |
| AMD5344-ST, SB, AG, MG, WG, BG   | AMD5444-ST, SB, AG, MG, WG, BG  |   |
|   |   | Included  |
| AMD5344-ST, SB, AG, MG, WG, BG   | AMD5444-ST, SB, AG, MG, WG, BG  |   |
|  |  | Included  |
|  |   | AMD5053   |
|  |   |  |

# Concept bs

## Naturally aesthetics.

Nature rarely presents us with straight lines and the Concept bs range of switches reflects this. Rather than rigidly sticking to squares, it steps outside the box to add some subtle curves to your interior design.



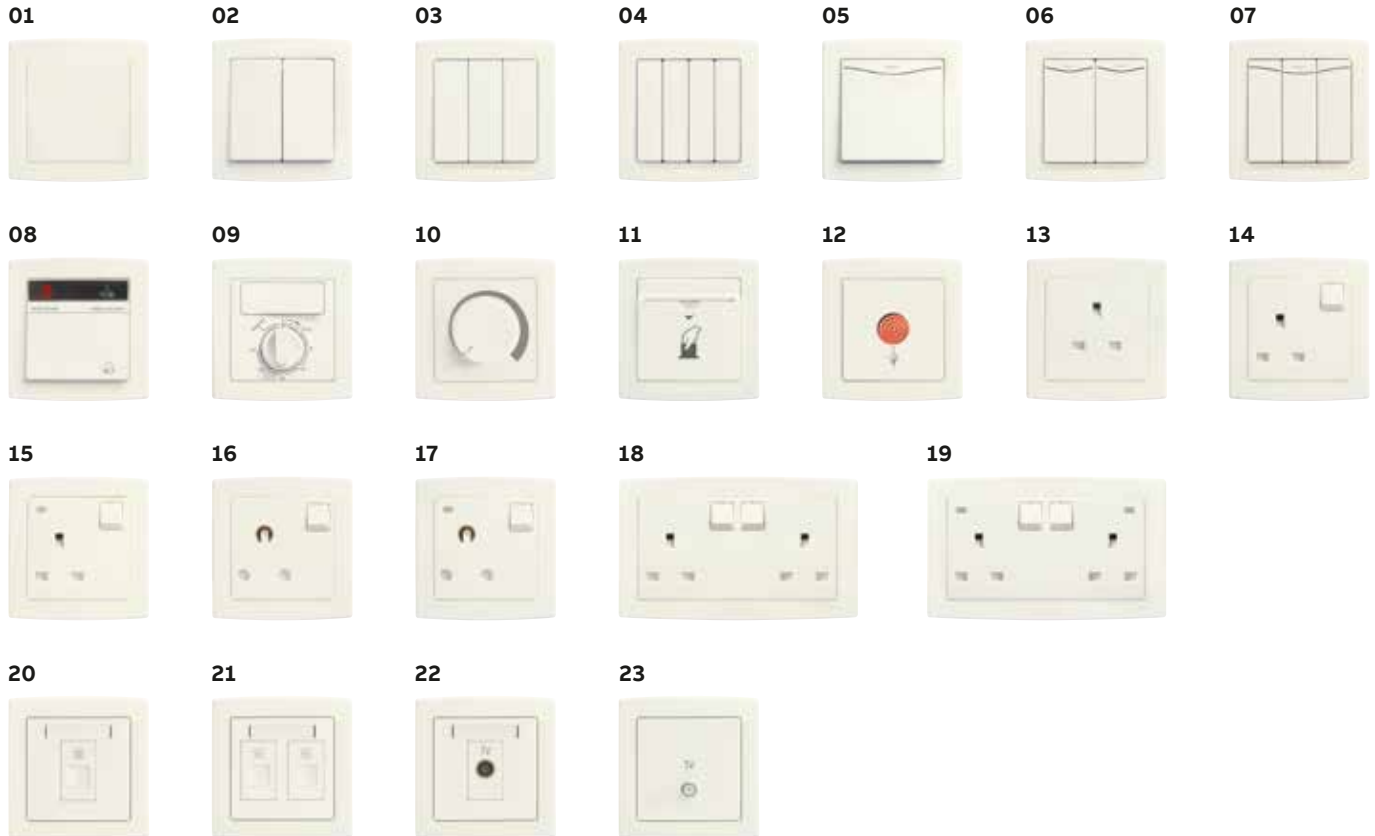
- 01 white
- 02 silver
- 03 elegant grey
- 04 silver champagne
- 05 pearl gold

### Materials

High quality polycarbonate with improved flame-retardant characteristics and colour stability.

## Concept bs

Selected functions.



- |                                       |  |  |
|---------------------------------------|--|--|
| 01 Rocker switch 1-gang               | 12 Emergency switch                              | 21 2-gang telephone and computer socket outlet |
| 02 Rocker switch 2-gang               | 13 BS socket outlet                              | 22 TV socket outlet, dead-end feeder           |
| 03 Rocker switch 3-gang               | 14 BS switched socket outlet                     | 23 Sat socket outlet, isolated                 |
| 04 Rocker switch 4-gang               | 15 BS switched socket outlet with neon           |  |
| 05 Rocker switch 1-gang with LED      | 16 BS round pin switched socket outlet           |  |
| 06 Rocker switch 2-gang with LED      | 17 BS round pin switched socket outlet with neon |  |
| 07 Rocker switch 3-gang with LED      | 18 2-gang BS switched socket outlet              |  |
| 08 DND/PW/MUR push switch             | 19 2-gang BS switched socket outlet with neon    |  |
| 09 1-gang 1-way countdown time switch | 20 1-gang telephone socket outlet                |  |
| 10 Rotary dimmer                      |  |  |
| 11 Card switch                        |  |  |



1- to 5-gang cover frame for horizontal installation.

- 01 88 mm × 90 mm  
02 175 mm × 90 mm

- High quality polycarbonate material with improved flame-retardant characteristics,
- practical light switch range includes electronics,
- hospitality solutions,
- compatible with KNX and ABB wiring accessories.









LED indicator light makes switches even more attractive.







For more information about light switch ranges visit ABB global web sites.

## Concept bs







### Switches







| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>1-gang 1-way switch</b><br>Rated current: 10AX                                |           |          |
| White   | <b>AC101</b>   |           | 15       |
|    | <b>1-gang 2-way switch</b><br>Rated current: 10AX                                |           |          |
| White   | <b>AC105</b>   |           | 15       |
|   | <b>Intermediate switch</b><br>Rated current: 10AX                                |           |          |
| White   | <b>AC119</b>   |           | 15       |
|  | <b>1-gang 1-way switch</b><br>Rated current: 20AX                                |           |          |
| White   | <b>AC110</b>   |           | 15       |
|  | <b>1-gang 2-way switch</b><br>Rated current: 20AX                                |           |          |
| White   | <b>AC112</b>   |           | 15       |
|  | <b>1-gang 1-way double pole switch, with marking "On"</b><br>Rated current: 20AX |           |          |
| White   | <b>AC111</b>   |           | 15       |

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>1-gang 1-way push switch</b><br>Rated current: 10AX        |           |          |
| White   | <b>AC430</b>  |           | 15       |
|    | <b>1-gang 2-way double pole switch</b><br>Rated current: 20AX |           |          |
| White   | <b>AC196</b>  |           | 15       |
|   | <b>Fan isolator 3 pole</b><br>Rated current: 10A              |           |          |
| White   | <b>AC134</b>  |           | 15       |
|  | <b>2-gang 1-way switch</b><br>Rated current: 10AX             |           |          |
| White   | <b>AC102</b>  |           | 15       |
|  | <b>2-gang 2-way switch</b><br>Rated current: 10AX             |           |          |
| White   | <b>AC106</b>  |           | 15       |
|  | <b>2-gang 1-way switch</b><br>Rated current: 20AX             |           |          |
| White   | <b>AC114</b>  |           | 15       |

## Concept bs




### Switches







| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>2-gang 2-way switch</b><br>Rated current: 20AX                                |           |          |
| White   | <b>AC115</b>   |           | 15       |
|    | <b>2-gang 1-way double pole switch, with marking "On"</b><br>Rated current: 20AX |           |          |
| White   | <b>AC113</b>   |           | 15       |
|   | <b>2-gang 1-way push switch</b><br>Rated current: 10A                            |           |          |
| White   | <b>AC438</b>   |           | 15       |
|  | <b>3-gang 1-way switch</b><br>Rated current: 10AX                                |           |          |
| White   | <b>AC103</b>   |           | 15       |
|  | <b>3-gang 2-way switch</b><br>Rated current: 10AX                                |           |          |
| White   | <b>AC107</b>   |           | 15       |
|  | <b>3-gang 1-way switch</b><br>Rated current: 16AX                                |           |          |
| White   | <b>AC116</b>   |           | 15       |

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>3-gang 2-way switch</b><br>Rated current: 16AX            |           |          |
| White   | <b>AC121</b>   |           | 15       |
|    | <b>4-gang 1-way switch</b><br>Rated current: 10AX            |           |          |
| White   | <b>AC104</b>   |           | 15       |
|   | <b>4-gang 2-way switch</b><br>Rated current: 10AX            |           |          |
| White   | <b>AC108</b>   |           | 15       |
|  | <b>4-gang 1-way switch</b><br>Rated current: 16AX            |           |          |
| White   | <b>AC117</b>   |           | 15       |
|  | <b>3-gang 1-way switch (146 type)</b><br>Rated current: 10AX |           |          |
| White   | <b>AC128</b>   |           | 8        |
|  | <b>3-gang 2-way switch (146 type)</b><br>Rated current: 10AX |           |          |
| White   | <b>AC190</b>   |           | 8        |

## Concept bs







### Switches



| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>3-gang 1-way switch (146 type)</b><br>Rated current: 20AX               |           |          |
| White   | <b>AC192</b>   |           | 8        |
|    | <b>3-gang 2-way switch (146 type)</b><br>Rated current: 20AX               |           |          |
| White   | <b>AC194</b>   |           | 8        |
|   | <b>4-gang 1-way switch (146 type)</b><br>Rated current: 10AX               |           |          |
| White   | <b>AC129</b>   |           | 8        |
|  | <b>4-gang 2-way switch (146 type)</b><br>Rated current: 10AX               |           |          |
| White   | <b>AC191</b>   |           | 8        |
|  | <b>4-gang 1-way switch (146 type)</b><br>Rated current: 20AX               |           |          |
| White   | <b>AC193</b>   |           | 8        |
|  | <b>4-gang 2-way switch (146 type)</b><br>Rated current: 20AX               |           |          |
| White   | <b>AC195</b>   |           | 8        |
|  | <b>1-gang 1-way switch with LED/decorative line</b><br>Rated current: 10AX |           |          |
| White   | <b>AC161</b>   |           | 15       |

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>1-gang 2-way switch with LED/decorative line</b><br>Rated current: 10AX   |           |          |
| White   | <b>AC164</b>   |           | 15       |
|    | <b>1-gang 1-way switch with LED/decorative line</b><br>Rated current: 20AX   |           |          |
| White   | <b>AC170</b>   |           | 15       |
|   | <b>1-gang 2-way switch with LED/decorative line</b><br>Rated current: 20AX   |           |          |
| White   | <b>AC172</b>   |           | 15       |
|  | <b>1-gang 1-way double pole switch with LED/decorative line and marking "On"</b><br>Rated current: 20AX                    |           |          |
| White   | <b>AC171</b>   |           | 15       |
|  | <b>1 gang 1 way double pole switch with LED/decorative line and marking "On" and "water heater"</b><br>Rated current: 20AX |           |          |
| White   | <b>AC171WH</b>   |           | 15       |
|  | <b>2-gang 1-way switch with LED/decorative line</b><br>Rated current: 10AX   |           |          |
| White   | <b>AC162</b>   |           | 15       |

## Concept bs








### Switches








| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>2-gang 2-way switch with LED/decorative line</b><br>Rated current: 10AX                              |           |          |
| White   | <b>AC165</b>  |           | 15       |
|    | <b>2-gang 1-way switch with LED/decorative line</b><br>Rated current: 20AX                              |           |          |
| White   | <b>AC173</b>  |           | 15       |
|   | <b>2-gang 2-way switch with LED/decorative line</b><br>Rated current: 20AX                              |           |          |
| White   | <b>AC174</b>  |           | 15       |
|  | <b>2-gang 1-way double pole switch with LED/decorative line and marking "On"</b><br>Rated current: 20AX |           |          |
| White   | <b>AC178</b>  |           | 15       |
|  | <b>3-gang 1-way switch with LED/decorative line</b><br>Rated current: 10AX                              |           |          |
| White   | <b>AC163</b>  |           | 15       |
|  | <b>3-gang 2-way switch with LED/decorative line</b><br>Rated current: 10AX                              |           |          |
| White   | <b>AC166</b>  |           | 15       |

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>3-gang 2-way switch with LED/decorative line</b><br>Rated current: 16AX   |           |          |
| White   | <b>AC175</b>   |           | 15       |
|    | <b>1 gang 1 way double pole switch with LED</b><br>Rated current: 32A  |           |          |
| White   | <b>AC176</b>   |           | 8        |
|   | <b>1 gang 1 way double pole switch with LED</b><br>Rated current: 45A  |           |          |
| White   | <b>AC177</b>   |           | 10       |
|  | <b>45A double pole switch with neon and 13A switched socket outlet with neon</b><br>Rated current: 45A-13A         |           |          |
| White   | <b>AC118</b>   |           | 5        |
|  | <b>1-gang 1-way double pole switch, with marking "On", with flex outlet</b><br>Rated current: 20AX                 |           |          |
| White   | <b>AC120</b>   |           | 10       |
|  | <b>1-gang 1-way double pole switch, with marking "On", "water heater", with flex outlet</b><br>Rated current: 20AX |           |          |
| White   | <b>AC120WH</b>   |           | 10       |

## Concept bs

### Socket outlets




| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>BS socket outlet</b><br>Rated current: 13A  |           |          |
| White   | <b>AC208</b>   |           | 15       |
|    | <b>BS single pole switched socket outlet</b><br>Rated current: 13A                     |           |          |
| White   | <b>AC224</b>   |           | 15       |
|   | <b>BS double pole switched socket outlet</b><br>Rated current: 13A                     |           |          |
| White   | <b>AC237</b>   |           | 15       |
|  | <b>BS single pole switched socket outlet with neon</b><br>Rated current: 13A           |           |          |
| White   | <b>AC229</b>   |           | 15       |
|  | <b>BS double pole switched socket outlet with neon</b><br>Rated current: 13A           |           |          |
| White   | <b>AC238</b>   |           | 15       |
|  | <b>BS single pole round pin switched socket outlet</b><br>Rated current: 15A           |           |          |
| White   | <b>AC209</b>   |           | 14       |
|  | <b>BS single pole round pin switched socket outlet with neon</b><br>Rated current: 15A |           |          |
| White   | <b>AC231</b>   |           | 14       |

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>BS round pin socket outlet</b><br>Rated current: 5A                              |           |          |
| White   | <b>AC210</b>  |           | 15       |
|    | <b>Schuko socket</b><br>Rated current: 16A  |           |          |
| White   | <b>AC296</b>  |           | 10       |
|   | <b>Schuko socket without child protection</b><br>Rated current: 16A                 |           |          |
| White   | <b>AC296-001</b>  |           | 10       |
|  | <b>2-gang BS single pole switched socket outlet</b><br>Rated current: 13A           |           |          |
| White   | <b>AC227</b>  |           | 8        |
|  | <b>2-gang BS double pole switched socket outlet</b><br>Rated current: 13A           |           |          |
| White   | <b>AC239</b>  |           | 8        |
|  | <b>2-gang BS single pole switched socket outlet with neon</b><br>Rated current: 13A |           |          |
| White   | <b>AC230</b>  |           | 8        |
|  | <b>2-gang BS double pole switched socket outlet with neon</b><br>Rated current: 13A |           |          |
| White   | <b>AC240</b>  |           | 8        |




## Concept bs

### Socket outlets

| Product  | Article-No.  | Order-No. | Pack/Qty |
|--|--|-----------|----------|
|   | <b>2-gang Euro-American socket outlet</b><br>Rated current: 10A                    |           |          |
| White  | <b>AC212</b>   |           | 10       |
|   | <b>2-gang Euro-American switched socket outlet</b><br>Rated current: 10A           |           |          |
| White  | <b>AC222</b>   |           | 10       |
|  | <b>2-gang Euro-American switched socket outlet with neon</b><br>Rated current: 10A |           |          |
| White  | <b>AC234</b>   |           | 10       |




### Data outlets

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>1-gang telephone outlet, RJ11</b><br>4-pole UTP  |           |          |
| White   | <b>AC321</b>  |           | 10       |
|    | <b>2-gang telephone outlet, RJ11</b><br>4-pole UTP  |           |          |
| White   | <b>AC322</b>  |           | 10       |
|   | <b>1-gang computer outlet, RJ45, cat. 5e</b><br>8-pole UTP                                    |           |          |
| White   | <b>AC331</b>  |           | 10       |
|  | <b>1-gang computer outlet, RJ45, cat. 6</b><br>8-pole UTP                                     |           |          |
| White   | <b>AC333</b>  |           | 10       |
|  | <b>2-gang computer outlet, RJ45, cat. 5e</b><br>8-pole UTP                                    |           |          |
| White   | <b>AC332</b>  |           | 10       |
|  | <b>2-gang computer outlet, RJ45, cat. 6</b><br>8-pole UTP                                     |           |          |
| White   | <b>AC329</b>  |           | 10       |
|  | <b>2-gang telephone outlet RJ11, 4-pole &amp; computer outlet RJ45, cat. 5e</b><br>8-pole UTP |           |          |
| White   | <b>AC323</b>  |           | 10       |

## Concept bs









### Data outlets

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>2-gang telephone outlet RJ11, 4-pole &amp; computer outlet RJ45, cat. 6 8-pole UTP</b> |           |          |
| White   | <b>AC330</b>  |           | 10       |
|    | <b>1-gang TV outlet dead-end feeder</b>   |           |          |
| White   | <b>AC301</b>  |           | 10       |
|   | <b>Sat outlet F-type dead-end-feeder, isolated</b>  |           |          |
| White   | <b>AC303</b>  |           | 10       |
|  | <b>TV outlet connector F-type</b>   |           |          |
| White   | <b>AC307</b>  |           | 10       |
|  | <b>TV &amp; FM outlet F-type dead-end-feeder, isolated</b>                                |           |          |
| White   | <b>AC312</b>  |           | 10       |

| Product  | Article-No.                          | Order-No. | Pack/Qty |
|--|--------------------------------------|-----------|----------|
|   | <b>TV &amp; telephone outlet UTP</b> |           |          |
| White  | <b>AC324</b>                         |           | 10       |
|   | <b>Audio outlet 2 terminals</b>      |           |          |
| White  | <b>AC341</b>                         |           | 10       |
|  | <b>Audio outlet 4 terminals</b>      |           |          |
| White  | <b>AC342</b>                         |           | 10       |

## Concept bs







### Function control switches



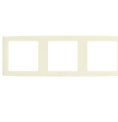


| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>Rotary dimmer</b><br>Power: 25W-600W<br>Lighting: <br>Short circuit protection<br>Ambience temperature: -5-+40°C<br>Base in box: 31.3mm |           |          |
| White   | <b>AC412</b>  |           | 8        |
|    | <b>Volume control switch</b><br>5-15W, (0-100)V~<br>With fire alarm terminal  |           |          |
| White   | <b>AC416</b>  |           | 8        |
|   | <b>Countdown timer &amp; 1-gang 1-way combination switch</b><br>10AX, 250V~<br>Time setting: 10-120min<br>Two separate switching contacts   |           |          |
| White   | <b>AC411</b>  |           | 10       |
|  | <b>Emergency switch</b><br>6A, 230V~<br>Sending alarm signal manually, using key to release   |           |          |
| White   | <b>AC419</b>  |           | 10       |
|  | <b>4 step rotary switch</b><br>300W, 230V~<br>With high, mid, low fan speed selection   |           |          |
| White   | <b>AC413</b>  |           | 8        |
|  | <b>Fan Controller</b><br>500VA, 250V~, 50Hz   |           |          |
| White   | <b>AC422</b>  |           | 8        |
|  | <b>Card switch</b><br>Rated current: 20A<br>* Suitable for several loads, time delay: 30±5s   |           |          |
| White   | <b>AC402</b>  |           | 8        |

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>Bell push-switch "Do Not Disturb" marking and indicator</b><br>Rated current: 10A  |           |          |
| White   | <b>AC403-001</b>  |           | 12       |
|    | <b>Bell push-switch "Do Not Disturb" &amp; "Please Clean Room" marking and indicator</b><br>Rated current: 10A                      |           |          |
| White   | <b>AC403-002</b>  |           | 12       |
|   | <b>Bell push-switch "Do Not Disturb", &amp; "Please Clean Room" &amp; "Please Wait" marking and indicator</b><br>Rated current: 10A |           |          |
| White   | <b>AC403</b>  |           | 12       |
|  | <b>Shaver socket outlet</b><br>Input: 230V~, 50Hz/60Hz<br>Output: 115V/230V~, 20VA  |           |          |
| White   | <b>AC401</b>  |           | 1        |
|  | <b>Shaver socket outlet (horizontal)</b><br>Input: 230V~, 50Hz/60Hz<br>Output: 115V/230V~, 20VA                                     |           |          |
| White   | <b>AC401-001</b>  |           | 1        |
|  | <b>Push switch with "bell" symbol</b><br>Rated current: 10A   |           |          |
| White   | <b>AC429</b>  |           | 15       |

## Concept bs

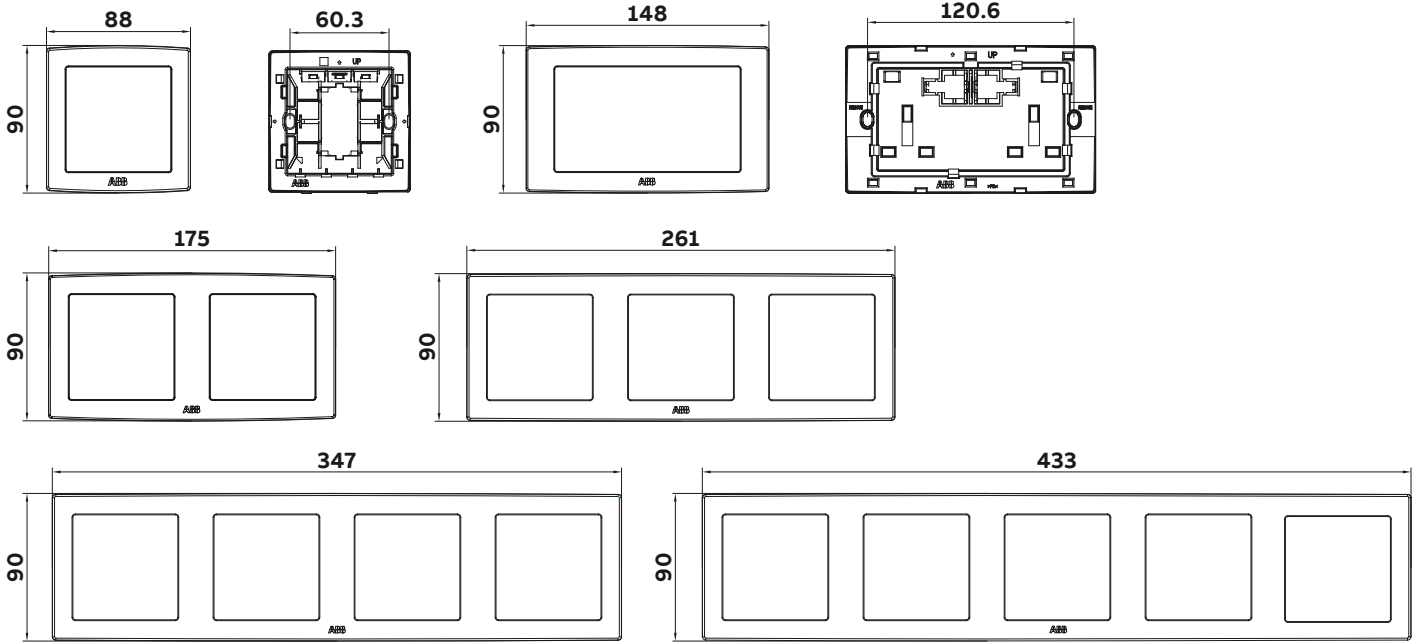
### FCU and Flex Outlets/Accessories

| Product   | Article-No.  | Order-No. | Pack/Qty |
|---|--|-----------|----------|
|    | <b>1-gang blank plate</b>  |           |          |
| White   | <b>AC504</b>   |           | 20       |
|    | <b>2-gang blank plate</b>  |           |          |
| White   | <b>AC505</b>   |           | 10       |
|   | <b>1-gang adapter plate for Busch-Jaeger solo / future / carat / pure series (64mm x 64mm)</b> |           |          |
| White   | <b>AC503</b>   |           | 20       |
|  | <b>Fused connection unit</b><br>Rated current: 13A   |           |          |
| White   | <b>AC506</b>   |           | 10       |
|  | <b>Fused connection unit with neon</b><br>Rated current: 13A                                   |           |          |
| White   | <b>AC577</b>   |           | 10       |
|  | <b>Switched fused connection unit with neon</b><br>Rated current: 13A                          |           |          |
| White   | <b>AC507</b>   |           | 10       |

| Product   | Article-No.   | Order-No. | Pack/Qty |
|---|---|-----------|----------|
|    | <b>1-gang frame Concept bs</b>  |           |          |
| White   | <b>AC5101</b>   |           | 60       |
|    | <b>2-gang frame Concept bs</b><br>for dual gang box<br>(screw hole distance: 26mm ) |           |          |
| White   | <b>AC5201</b>   |           | 30       |
|   | <b>3-gang frame Concept bs</b><br>(screw hole distance: 26mm )                      |           |          |
| White   | <b>AC5103</b>   |           | 30       |
|  | <b>4-gang frame Concept bs</b><br>(screw hole distance: 26mm )                      |           |          |
| White   | <b>AC5104</b>   |           | 30       |
|  | <b>5-gang frame Concept bs</b><br>(screw hole distance: 26mm )                      |           |          |
| White   | <b>AC5105</b>   |           | 1        |

**Concept bs**

Dimensions of Concept bs

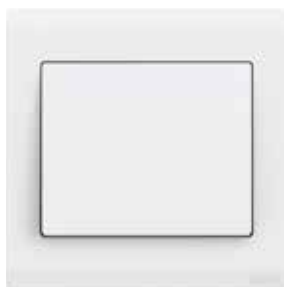


Unit: mm

# Inora

## Your first choice, simple and elegant

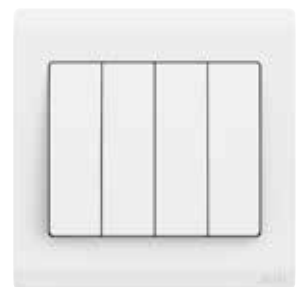
Whether it's in a kitchen, a living room or a child's room, with a total above-wall switch height of 8.5 mm, Inora is your first choice, simple and elegant.



White



Classic grey - G



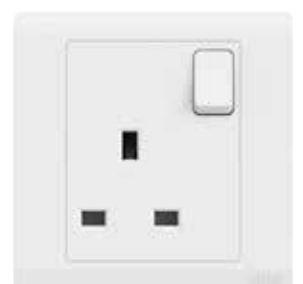
White switch



Starry black - 885



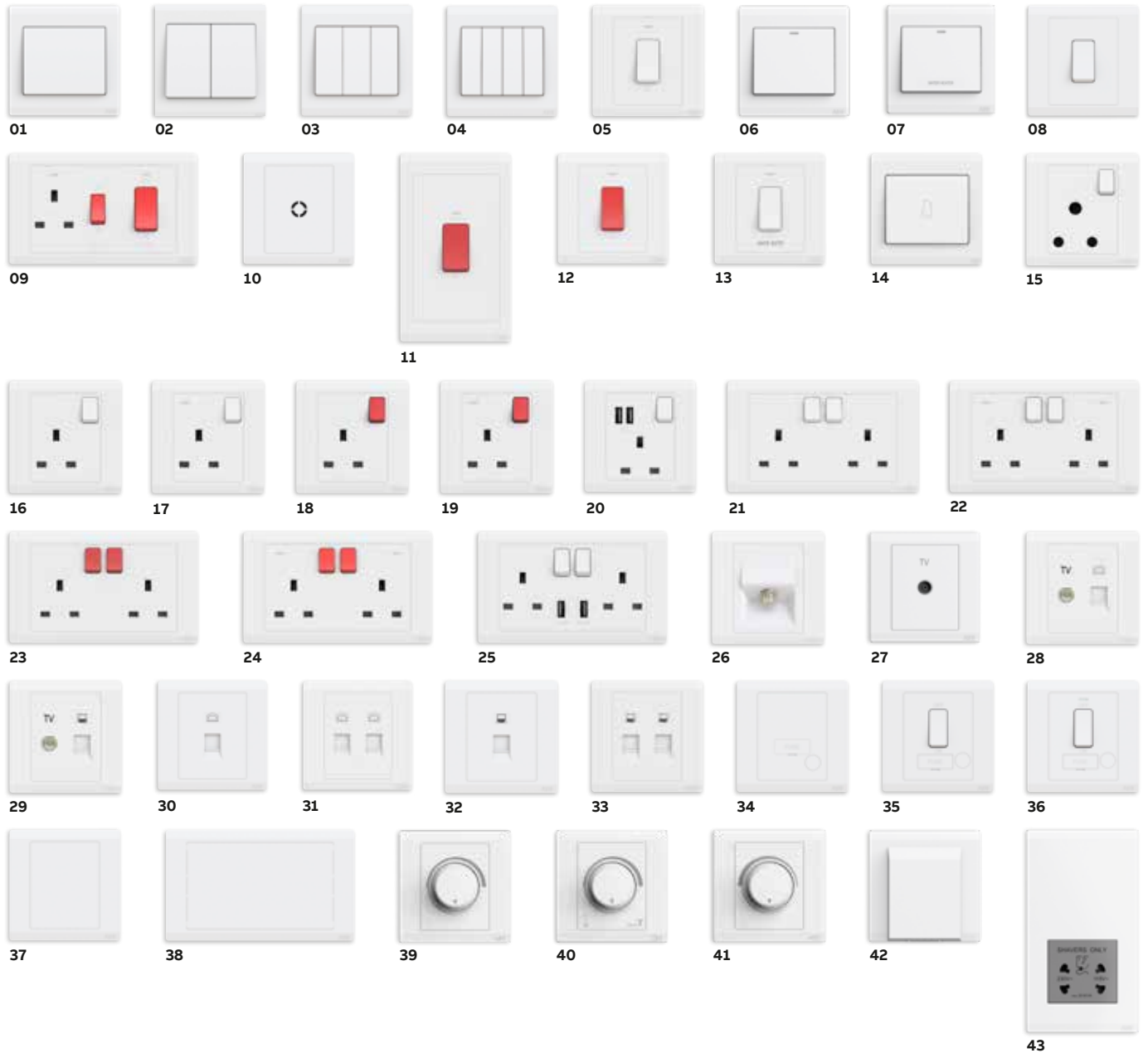
Royal gold - PG



White socket

## Product overview


### Selected functions

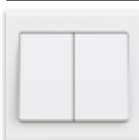



- |    |  |    |  |    |   |
|----|--|----|--|----|---|
| 01 | Rocker switch 1-gang   | 15 | 1gang 15 A switched socket SP                                | 27 | 1 Gang TV outlet, dead-end line                           |
| 02 | Rocker switch 2-gang   | 16 | 1gang 13 A switched socket                                   | 28 | 2gang TV/ telephone outlet                                |
| 03 | Rocker switch 3-gang   | 17 | 1gang 13 A switched socket with illumination                 | 29 | 2gang TV/ data outlet RJ45 Cat.5e                         |
| 04 | Rocker switch 4-gang   | 18 | 1gang 13 A switched socket SP with red rocker                | 30 | 1gang telephone outlet RJ11                               |
| 05 | 1gang 1way 20 A DP switch with illumination                        | 19 | 1gang 13 A switched socket SP with red rocker & illumination | 31 | 2gang telephone outlet RJ11                               |
| 06 | 1 Gang 1 Way 20AX DP switch with led                               | 20 | 1gang BS switched socket DP with USB, typeA*2                | 32 | 1gang data outlet RJ45                                    |
| 07 | 1 Gang 1 Way 20AX DP switch with led,marked weather heater         | 21 | 2gang 13 A switched socket                                   | 33 | 2gang data outlet RJ45                                    |
| 08 | 1gang intermediate 10 AX switch                                    | 22 | 2gang 13 A switched socket with illumination                 | 34 | 1gang 13 A unswitch fused connection unit                 |
| 09 | 2gang 1way 45 A DP switch & 13 A switched socket with illumination | 23 | 2gang 13 A switched socket SP with red rocker                | 35 | 1gang 13 A switch fused connection unit with illumination |
| 10 | 20 A Flex outlet   | 24 | 2gang 13 A switched socket SP with red rocker & illumination | 36 | 1gang 13 A switch fused connection unit with illumination |
| 11 | 1gang 45 A DP switch with illumination (6X3)                       | 25 | 2gang BS switched socket DP with USB,type A*2                | 37 | 1gang Blank plate   |
| 12 | 1gang 1way 32 A DP switch with illumination                        | 26 | 1gang SAT outlet - 45 degree                                 | 38 | 2gang Blank plate   |
| 12 | 1gang 1way 45 A DP switch with illumination                        |    |  | 39 | Rotary dimmer   |
| 13 | 1gang 1way 20 A DP SW with illuminationmarked water heater         |    |  | 40 | Led dimmer  |
| 14 | 1gang 1way 10 A push switch-marked bell                            |    |  | 41 | Fan regulator   |
|    |  |    |  | 42 | Flex outlet 45A   |
|    |  |    |  | 43 | Shaver socket   |


## Product overview


### Switches

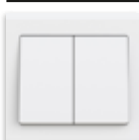
| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>1gang 1way 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL101</b>   | 2TCZ171001R0030 | 10       |

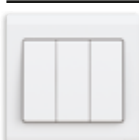
|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>2gang 1way 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL102</b>   | 2TCZ171003R0030 | 10 |


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>3gang 1way 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white  | <b>BL103</b>   | 2TCZ171005R0030 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>4gang 1way 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL104</b>   | 2TCZ171007R0030 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang 2way 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL105</b>   | 2TCZ171002R0030 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>2gang 2way 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL106</b>   | 2TCZ171004R0030 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>3gang 2way 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL107</b>   | 2TCZ171006R0030 | 10 |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>4gang 2way 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL108</b>   | 2TCZ171008R0030 | 10       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang 1way 20AX Switch</b><br>Rated current: 20AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL110</b>   | 2TCZ171095R0070 | 12 |

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>1gang 1way 20AX DP Switch w/LED</b><br>Rated current: 20AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white  | <b>BL111</b>  | 2TCZ171096R0070 | 12 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 1way 20 A DP switch with illumination</b><br>Rated current: 20 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL115S</b>   | 2TCZ171020R0070 | 12 |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang 2way 20AX Switch</b><br>Rated current: 20AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL112</b>   | 2TCZ171097R0070 | 12 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>2gang 1way 20AX Switch</b><br>Rated current: 20AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL114</b>   | 2TCZ171016R0070 | 12 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>2gang 2way 20AX Switch</b><br>Rated current: 20AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL115</b>   | 2TCZ171017R0070 | 12 |





## Product overview


### Switches


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>2gang 1way 45 A DP switch &amp; 13 A switched socket with illumination</b><br>Rated current: 45 A/13 A<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL118</b>  | 2TCZ171015R0090 | 6        |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang Intermediate 10AX Switch</b><br>Rated current: 10AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL119</b>   | 2TCZ171009R0030 | 12 |


|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>1gang intermediate 10 AX switch</b><br>Rated current: 10 AX<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white  | <b>BL119S</b>  | 2TCZ171021R0030 | 12 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>20 A Flex outlet</b><br>Rated current: 20 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL120</b>   | 2TCZ171099R0070 | 12 |


|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>1gang 45 A DP switch with illumination (6X3)</b><br>Rated current: 45 A<br>Flush-mounted Box Dimension: 35 mm |                 |   |
| white   | <b>BL143</b>   | 2TCZ171019R0090 | 6 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 1way 20 A DP SW with illumination-marked water heater</b><br>Rated current: 20 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL171WH</b>  | 2TCZ171012R0075 | 12 |

| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>1gang 1way 20AX DP Switch w/LED,w/M"ON","WH"</b><br>Rated current: 20AX<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white  | <b>BL180WH</b>   | 2TCZ171014R0070 | 12       |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 1way 32 A DP switch with illumination</b><br>Rated current: 32 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL176</b>  | 2TCZ171013R0090 | 10 |


|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>1gang 1way 45 A DP switch with illumination</b><br>Rated current: 45 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white  | <b>BL179</b>  | 2TCZ171098R0090 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 1way 10 A push switch-marked BELL</b><br>Rated current: 10 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL429</b>  | 2TCZ171011R0030 | 10 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 1way 10 A push switch</b><br>Rated current: 10 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL430</b>  | 2TCZ171010R0030 | 10 |


## Product overview


### Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>1gang 15 A switched socket SP</b><br>Rated current: 15 A<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL209</b>  | 2TCZ172012R0050 | 10       |

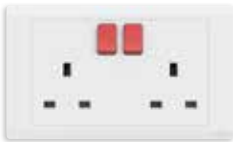
| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>1gang 13 A switched socket SP with illumination</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL229</b>  | 2TCZ172002R0040 | 12       |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang 13 A switched socket SP with red rocker &amp; illumination</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL213</b>   | 2TCZ172020R0040 | 10 |


|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>2gang 13 A switched socket SP with illumination</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |   |
| white  | <b>BL230</b>  | 2TCZ172011R0040 | 6 |


|  |   |                 |  |
|--|---|-----------------|--|
|  | <b>1gang 13 A switched socket SP with red rocker</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |  |
| white  | <b>BL214</b>  | 2TCZ172019R0040 |  |

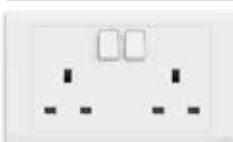
|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>2gang 13 A switched socket SP with red rocker &amp; illumination</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |   |
| white   | <b>BL236</b>   | 2TCZ172094R0040 | 6 |

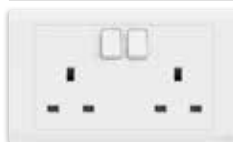
|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>2gang 13 A switched socket SP with red rocker</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |   |
| white   | <b>BL215</b>  | 2TCZ172021R0040 | 6 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 13 A switched socket DP</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL237</b>  | 2TCZ172095R0040 | 12 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 13 A switched socket SP</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL224</b>  | 2TCZ172001R0040 | 12 |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 13 A switched socket DP with illumination</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL238</b>  | 2TCZ172096R0040 | 12 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>2gang 13 A switched socket SP</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |   |
| white   | <b>BL227</b>  | 2TCZ172010R0040 | 6 |


|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>2gang 13 A switched socket DP</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |   |
| white  | <b>BL239</b>  | 2TCZ172097R0040 | 6 |

## Product overview

### Socket outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>2gang 13 A switched socket DP with illumination</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL240</b>  | 2TCZ172098R0040 | 6        |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang BS switched socket DP with USB, type A*2</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 47 mm |                 |    |
| white   | <b>BL261</b>   | 2TCZ172016R0040 | 10 |


|  |  |                 |   |
|--|--|-----------------|---|
|  | <b>2gang BS switched socket DP with USB, type A*2</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 47 mm |                 |   |
| white  | <b>BL262</b>   | 2TCZ172017R0040 | 6 |


## Product overview


### Data outlets


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>1gang TV Outlet, dead-end line</b><br>DEAD-END LINE<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL301</b>   | 2TCZ173001R0010 | 10       |

|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>2gang data outlet RJ45 Cat.6a</b><br>F-type<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL308</b>   | 2TCZ173099R0010 | 14 |

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>1gang SAT outlet - 45 degree</b><br>RJ45 Cat.6a<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white  | <b>BL317</b>   | 2TCZ173019R0010 | 12 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang data outlet RJ45 Cat.6a</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL318</b>   | 2TCZ173020R0010 | 12 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang telephone outlet RJ11</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL321</b>   | 2TCZ173006R0010 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>2gang telephone outlet RJ11</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL322</b>   | 2TCZ173012R0010 | 10 |


## Product overview


### Data outlets


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>2gang TV/ telephone outlet</b><br>5-1000MHz RJ11<br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL324</b>  | 2TCZ173010R0010 | 10       |


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>2gang data outlet housing</b><br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL332-H</b>   | 2TCZ173018R0010 | 18       |


|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>2gang TV/ data outlet RJ45 Cat.5e</b><br>5-1000MHz<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL325</b>  | 2TCZ173016R0010 | 10 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang data outlet RJ45 Cat.6</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL333</b>  | 2TCZ173008R0010 | 12 |

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>2gang data outlet RJ45 Cat.6</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white  | <b>BL329</b>  | 2TCZ173014R0010 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang data outlet RJ45 Cat.5e</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL331</b>   | 2TCZ173007R0010 | 10 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>1gang data outlet housing</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL331-H</b>   | 2TCZ173017R0010 | 18 |


|   |  |                 |    |
|---|--|-----------------|----|
|  | <b>2gang data outlet RJ45 Cat.5e</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL332</b>   | 2TCZ173013R0010 | 10 |


## Product overview

### Function control


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Shaver Socket</b><br>Input: 230V, 50 Hz/60 Hz<br>Outlet: 115 V/230 V, 20 VA<br>Flush-mounted Box Dimension: 47mm |                 |          |
| white   | <b>BL401</b>  | 2TCZ174002R0010 | 1        |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>LED Dimmer</b><br>3-150VA<br>Flush-mounted Box Dimension: 35mm |                 |   |
| white   | <b>BL405</b>  | 2TCZ174003R0010 | 8 |


|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>Rotary Dimmer</b><br>25-500VA<br>Flush-mounted Box Dimension: 35mm |                 |   |
| white  | <b>BL412</b>  | 2TCZ174001R0010 | 8 |


|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Fan Regulator</b><br>25-500VA<br>Flush-mounted Box Dimension: 35mm |                 |   |
| white   | <b>BL422</b>  | 2TCZ174009R0010 | 8 |


### FCU&Flex outlets/Accessories


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>1gang Blank plate</b><br>Flush-mounted Box Dimension: 35 mm |                 |          |
| white   | <b>BL504</b>   | 2TCZ175001R0010 | 20       |

|  |  |                 |    |
|--|--|-----------------|----|
|  | <b>2gang Blank plate</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white  | <b>BL505</b>   | 2TCZ175002R0010 | 14 |

|  |   |                 |    |
|--|---|-----------------|----|
|  | <b>1gang 13 A unswitch fused connection unit</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white  | <b>BL506</b>  | 2TCZ175003R0040 | 14 |

|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 13 A switch fused connection unit with illumination</b><br>Rated current: 13 A<br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL507</b>  | 2TCZ175004R0040 | 12 |

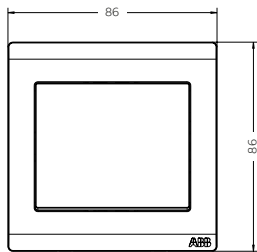
|   |   |                 |    |
|---|---|-----------------|----|
|  | <b>1gang 13 A switch fused connection unit</b><br>Rated current: <b>13A</b><br>Flush-mounted Box Dimension: 35 mm |                 |    |
| white   | <b>BL508</b>  | 2TCZ175099R0040 | 12 |

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Flex Outlet 45A</b><br>Rated current: 45A<br>Flush-mounted Box Dimension: 35mm |                 |   |
| white   | <b>BL590</b>  | 2TCZ175006R0090 | 8 |

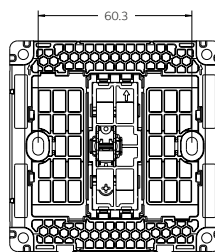
# Product Technical Information

## Dimensions

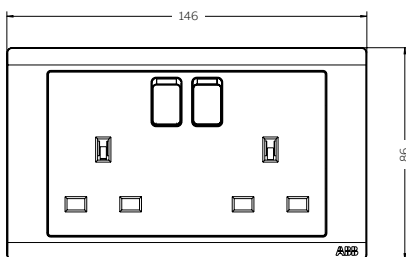
**Dimensions for 1gang frames**



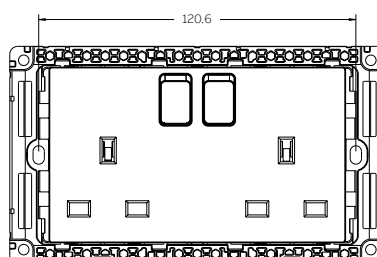
**Distance between fixing screws for 1gang frames**



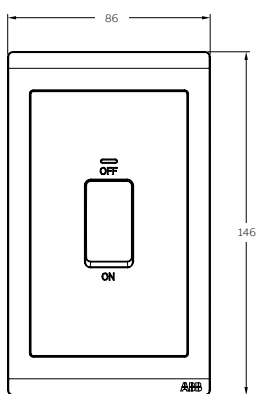
**Dimensions for 2gang frames**



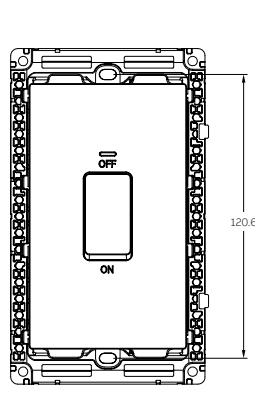
**Distance between fixing screws for 2gang frames**



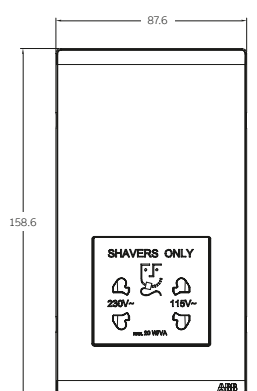
**Dimensions for 1gang 45A DP switch (6x3)**



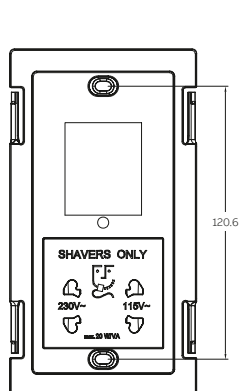
**Distance between fixing screws for 45A DP switch (6x3)**



**Dimensions for shaver socket**



**Distance between fixing screws for Shaver socket**



11



---

**ocean<sup>®</sup>**

# Beauty with inner values.

Fascinates due to its form and colour and has a prize-winning look. This range is convincing not only by design but also by functionality, because it is robust, easy to install and versatile.



- 01 grey / blue-green
- 02 alpine white

#### Materials

Cover: thermoplastic cover (PP), fracture-resistant, UV-resistant, weather-proof, free of PVC and halogen.



**ocean®**

Selected functions.



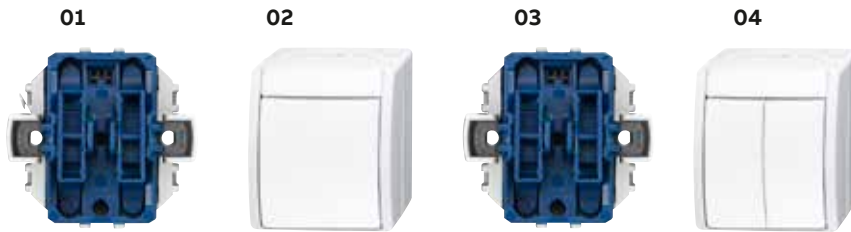
- |    |   |    |  |
|----|---|----|--|
| 01 | Rocker switch 1-gang                      | 10 | SCHUKO® socket outlet with hinged lid                  |
| 02 | Rocker switch 2-gang                      | 11 | SCHUKO® socket outlet With security lock in hinged lid |
| 03 | Rocker switch 1-gang with neutral lens    | 12 | Socket outlet with earthing pin                        |
| 04 | Rocker switch 1-gang with labelling field | 13 | Twilight switch with labelling field                   |
| 05 | Rocker switch 1-gang with red neon lens   | 14 | SCHUKO® socket outlet 2-gang, vertical installation    |
| 06 | Push-switch 1-gang                        | 15 | SCHUKO® socket outlet 2-gang, horizontal installation  |
| 07 | Push-switch 1-gang with neutral lens      | 16 | SCHUKO® socket outlet 3-gang, horizontal installation  |
| 08 | Blind switch with labelling field         |    |  |
| 09 | Key switch                                |    |  |



For more information  
about light switch  
ranges visit ABB  
global web sites.

## ocean®




The specialist for extreme cases.



- 01 Push-button coupling 1/2-gang with integrated bus coupler  
Article-No. 6108/04-500
- 02 Push-button for push-button coupling 1/2-gang with integrated bus coupler  
Article-No. 2601/6 W-54
- 03 Push-button coupling 2/4-gang with integrated bus coupler  
Article-No. 6108/05-500
- 04 Push-button for push-button coupling 2/4-gang with integrated bus coupler  
Article-No. 2601/5 W-54

## ocean®

Lighting inserts.

| Application for                                | V       | mA  | W   | Art. No.<br>Order No.   | Art. No.<br>Order No.   | Art. No.<br>Order No.   |
|--|---------|-----|-----|---|---|---|
| Suitable for devices<br>2601/... 2621/...      |         |     |     |  |  |  |
|  |         |     |     | Neon/incandescent<br>glow lamps with<br>connecting cable.                           | Neon/incandescent<br>lamps with E-10<br>thread  |   |
| 1. SM switch/push-switch without serial switch | 230     | 0,6 |     | <b>8332-1</b> <sup>2)</sup><br>1784-0-0016  |   |   |
| 2. SM switch/push-switch without serial switch | 230     | 1,0 |     | <b>8346-1</b> <sup>1) 2)</sup><br>1784-0-0321                                       |   |   |
| 3. SM serial switch                            | 230     | 0,6 |     | <b>8339-1</b> <sup>2)</sup><br>1784-0-0040  |   |   |
| 4. For SM switch/push-button                   | 24      | 40  |     | <b>8358</b> <sup>3)</sup><br>1784-0-0719  |   |   |
| 5. For SM switch/push-button                   | 12      | 40  |     | <b>8335-1</b> <sup>3)</sup><br>1784-0-0529  |   |   |
| 6. SM switch/push-switch without serial switch | 3, 5, 8 | 40  |     | <b>8333-1</b> <sup>3)</sup><br>1784-0-0024  |   |   |
| 7. Light signal/warning indicator              | 230     | 1,3 |     |   | <b>8302</b> <sup>2)</sup><br>1780-0-0022  |   |
| 8. Light signal                                | 230     |     | 3,0 |   | <b>8340</b> <sup>3)</sup><br>1784-0-0222  |   |
| 9. Light signal                                | 24      |     | 2,0 |   | <b>8343</b> <sup>3)</sup><br>1784-0-0263  |   |
| 10. Light signal                               | 12      |     | 1,5 |   | <b>8342</b> <sup>3)</sup><br>1784-0-0255  |   |
| 11. Light signal                               | 6       |     | 1,2 |   | <b>8341</b> <sup>3)</sup><br>1784-0-0248  |   |
| 12. Illumination insert                        |         |     |     |   |   | <b>2152 NLI-53</b><br>1784-0-0777   |

**ocean®**

Water protected ranges IP 44.

#### Combination possibility

Using the cable entry, various inserts are freely combinable. In addition to data communication products, other special inserts like key switches, rocker switches, or twilight switches can be fully integrated.



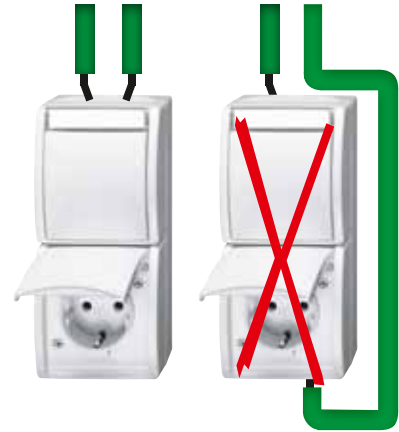
**The combination that acts like a single component.**

Article-No. 2601/6/20 EW-54

Article-No. 2138 W-54

Article-No. 2661 W-54 with 2863-13-53

#### Double cable entry from the top



Due to the large connecting space the power cord for the socket outlet, which is connected to a different electric circuit, can be fed through the shielding up to the socket outlet.



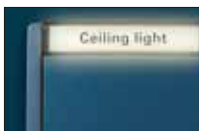
#### Clear assignment of the consumers

Uniform labelling field for switches and socket outlets (optional).



#### Easy connection

Large connection area even for 5 x 2.5 mm<sup>2</sup> conductors. Easy through-connections underneath the base.



#### Visible in the dark

Large-area lighting of the labelling field by LED for all switches and push-switches (optional).



#### Safe feed-through

Feed-through of earth wire via terminal block.



**Fast mounting using the PoziDriv screw (+/-), PZ 1 (with triple-pitch fast release stainless steel thread). Same mounting dimensions as the WS range.**




#### Colour-matching duct entry

Available in both colours for use in cable ducts.

ocean®


IP 44

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Rocker switch <sup>1) 2) 3)</sup><br/>1gang 2way</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |          |
| grey / blue-green   | <b>2601/6 W-53-500</b>  | 2CKA001085A1637 | 10/100   |
| alpine white  | <b>2601/6 W-54-500</b>  | 2CKA001085A1632 | 10/100   |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.


<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker switch <sup>1) 2) 3)</sup><br/>2gang 1way</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |        |
| grey / blue-green   | <b>2601/5 W-53-500</b>  | 2CKA001085A1633 | 10/100 |
| alpine white  | <b>2601/5 W-54</b>  | 2CKA001085A1621 | 10     |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.


<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Rocker switch <sup>1) 2) 3)</sup><br/>1gang</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |        |
| grey / blue-green   | <b>2601/7 W-53</b>   | 2CKA001085A1604 | 10/100 |
| alpine white  | <b>2601/7 W-54</b>   | 2CKA001085A1620 | 10     |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.


<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker switch <sup>1) 2) 3)</sup><br/>breaking circuit, 2-pole</b><br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |        |
| grey / blue-green   | <b>2601/2 W-53</b>  | 2CKA001085A1605 | 10/100 |
| alpine white  | <b>2601/2 W-54</b>  | 2CKA001085A1627 | 10     |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.

<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Rocker switch <sup>1) 2) 3) 4)</sup><br/>1gang 2way</b><br>With neutral (transparent) lens.<br>With illumination.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |          |
| grey / blue-green   | <b>2601/6 WGL-53</b>   | 2CKA001085A1613 | 10       |
| alpine white  | <b>2601/6 WGL-54</b>   | 2CKA001085A1626 | 10       |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.


<sup>3)</sup> Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.

<sup>4)</sup> Neon lamp 8346-1 included.

|  |  |                 |        |
|--|--|-----------------|--------|
|  | <b>Rocker switch <sup>1) 2)</sup><br/>1gang 2way</b><br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |        |
| grey / blue-green  | <b>2601/6 WN-53-500</b>  | 2CKA001085A1635 | 10/100 |
| alpine white   | <b>2601/6 WN-54</b>  | 2CKA001085A1624 | 10/100 |

<sup>1)</sup> Label holder illuminable with illumination insert 2152 NLI-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |   |                 |        |
|---|---|-----------------|--------|
|  | <b>Rocker switch <sup>1) 2) 3) 4) 5)</sup><br/>1gang 2way</b><br>With red neon lens.<br>With neon lamp.<br>With N terminal.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |        |
| grey / blue-green   | <b>2601/6 SKW-53-500</b>  | 2CKA001085A1636 | 10/100 |
| alpine white  | <b>2601/6 SKW-54</b>  | 2CKA001085A1622 | 10     |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.


<sup>3)</sup> Neon lamp 8346-1 included.

<sup>4)</sup> Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.


<sup>5)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).




IP 44

| Product   | Article-No.       | Order-No.              | Pack/Qty        |        |
|---|-------------------|------------------------|-----------------|--------|
|  <p><b>Rocker switch with marking "Heizung" <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br/> <b>1gang 2way</b><br/>           With red neon lens.<br/>           With neon lamp.<br/>           With labelling field.<br/>           Labelling field 57.8 x 9.8 mm<br/>           With N terminal.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 100 W<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>2601/6 SKWNH-53</b> | 2CKA001085A1609 | 10/100 |
|   | alpine white      | <b>2601/6 SKWNH-54</b> | 2CKA001085A1631 | 10     |


<sup>1)</sup> Label holder illuminable with illumination insert 2152 NLI-53.<sup>2)</sup> Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.<sup>3)</sup> Neon lamp 8346-1 included.<sup>4)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>5)</sup> Neutral labelling field enclosed.

|   |                   |                        |                 |    |
|---|-------------------|------------------------|-----------------|----|
|  <p><b>Rocker switch with marking "Heizung" <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br/> <b>breaking circuit, 2-pole</b><br/>           With red neon lens.<br/>           With neon lamp.<br/>           With labelling field.<br/>           Labelling field 57.8 x 9.8 mm<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 200 W<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>2601/2 SKWNH-53</b> | 2CKA001085A1610 | 10 |
|   | alpine white      | <b>2601/2 SKWNH-54</b> | 2CKA001085A1623 | 10 |


<sup>1)</sup> Label holder illuminable with illumination insert 2152 NLI-53.<sup>2)</sup> Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.<sup>3)</sup> Neon lamp 8346-1 included.<sup>4)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>5)</sup> "Heizung" inscription label also included.

|   |                   |                      |                 |        |
|---|-------------------|----------------------|-----------------|--------|
|  <p><b>Push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>1gang 1way</b><br/>           SP (operating current),<br/>           With N terminal.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>2621 W-53-500</b> | 2CKA001484A0382 | 10/100 |
|   | alpine white      | <b>2621 W-54</b>     | 2CKA001484A0380 | 10     |


<sup>1)</sup> Label holder 1763-53.<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

| Product  | Article-No.       | Order-No.            | Pack/Qty        |    |
|--|-------------------|----------------------|-----------------|----|
|  <p><b>Push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/> <b>1gang 2way</b><br/>           With neutral (transparent) lens.<br/>           SP,<br/>           With N terminal.<br/>           Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>2621 W-53-206</b> | 2CKA001484A0054 | 10 |
|  | alpine white      | <b>2621 W-54-206</b> | 2CKA001484A0377 | 10 |

<sup>1)</sup> Label holder 1763-53.<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.<sup>3)</sup> Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.<sup>4)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|  |                   |                        |                 |        |
|--|-------------------|------------------------|-----------------|--------|
|  <p><b>Push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br/> <b>1gang 1way</b><br/>           With neutral (transparent) lens.<br/>           With illumination.<br/>           SP (operating current),<br/>           With N terminal.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>2621 WGL-53-500</b> | 2CKA001484A0383 | 10/100 |
|  | alpine white      | <b>2621 WGL-54</b>     | 2CKA001484A0381 | 10     |


<sup>1)</sup> Label holder 1763-53.<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.<sup>3)</sup> Push switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.<sup>4)</sup> Neon lamp 8346-1 included.<sup>5)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |                   |                       |                 |    |
|---|-------------------|-----------------------|-----------------|----|
|  <p><b>Push-switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>1gang 1way</b><br/>           SP (operating current),<br/>           With N terminal.<br/>           With 2 independent answering contacts.<br/>           With labelling field.<br/>           Labelling field 57.8 x 9.8 mm<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>2621 WN-53-201</b> | 2CKA001484A0373 | 10 |
|   | alpine white      | <b>2621 WN-54-201</b> | 2CKA001484A0378 | 10 |

<sup>1)</sup> Label holder illuminable with illumination insert 2152 NLI-53.<sup>2)</sup> Push switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

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| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>2gang 1way <sup>1) 2) 3)</sup><br/>2gang 1way, SP (operating current)</b><br>2 actuating covers, 2 x SP,<br>with 2 separate current paths,<br>Without N terminal<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |          |
| grey / blue-green   | <b>2621 WN-53-205-101</b>   | 2CKA001484A0374 | 10       |
| alpine white  | <b>2621 WN-54-205-101</b>   | 2CKA001484A0379 | 10       |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI-53.

<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>Symbol for push-switch</b><br>For ocean® and All Weather 44 ranges.<br>Protection class (Device): IP 44 |                 |          |
|  | <b>without symbol</b>  |                 |          |
| clear-transparent  | <b>2622 N-101</b>  | 2CKA001714A0252 | 10       |
|  | <b>light</b>   |                 |          |
| clear-transparent  | <b>2622 LI-101</b>   | 2CKA001714A0260 | 10       |
|  | <b>bell</b>  |                 |          |
| clear-transparent  | <b>2622 KI-101</b>   | 2CKA001714A0278 | 10       |
|  | <b>key</b>   |                 |          |
| clear-transparent  | <b>2622 TR-101</b>   | 2CKA001714A0286 | 10       |
|  | <b>Red</b>   |                 |          |
| Red  | <b>2622-12-101</b>   | 2CKA001714A0294 | 10       |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Blind switch <sup>1) 2) 3)</sup><br/>Rocker Switch, SP</b><br>With interlock.<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |          |
| grey / blue-green   | <b>2601/4 W-53</b>   | 2CKA001085A1612 | 10       |
| alpine white  | <b>2601/4 W-54</b>   | 2CKA001085A1625 | 10       |

<sup>1)</sup> Label holder illuminable with illumination insert 2152 NLI-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Blind switches/push switches prevents fast change over between operating directions.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Blind switch/push switch, with marking <sup>1) 2) 3)</sup><br/>push-switch, SP</b><br>With interlock.<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Rated voltage: 250 V~<br>Rated current: 10 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |          |
| grey / blue-green   | <b>2621/4 W-53</b>   | 2CKA001442A0469 | 10       |
| alpine white  | <b>2621/4 W-54</b>   | 2CKA001442A0474 | 10       |

<sup>1)</sup> Label holder illuminable with illumination insert 2152 NLI-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Blind switches/push switches prevents fast change over between operating directions.


| Product  | Article-No.  | Order-No.       | Pack/Qty |
|--|--|-----------------|----------|
|  | <b>Busch-Blind control switch/push-switch <sup>1) 2) 3) 4)</sup><br/>cover switch, 1gang 2way, DP</b><br>For profile semi-cylindrical lock.<br>Key push-switch.<br>Key can only be removed in central position.<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>IP 44 only in combination with appropriate cylindrical locks.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |          |
| grey / blue-green  | <b>2712 SLW-53</b>   | 2CKA001101A0916 | 10       |
| alpine white   | <b>2712 SLW-54</b>   | 2CKA001101A0924 | 10       |

<sup>1)</sup> Key not removable in end position.

<sup>2)</sup> See semi-cylindrical lock.

<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>4)</sup> Labelling strip non-illuminable.

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Key switch <sup>1) 2) 3)</sup><br/>breaking circuit, 1-pole</b><br>For profile semi-cylindrical lock.<br>In switched-on and switched-off status the key can be pulled out in the central position, respectively.<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>IP 44 only in combination with appropriate cylindrical locks.<br>Rated voltage: 250 V~<br>Rated current: 10 AX<br>Suitable for: LEDi / CFLi<br>Rated power: 100 W<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |          |
| grey / blue-green   | <b>2733 SLW-53</b>   | 2CKA001101A0917 | 10       |
| alpine white  | <b>2733 SLW-54</b>   | 2CKA001101A0925 | 10       |


<sup>1)</sup> See semi-cylindrical lock.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Labelling strip non-illuminable.



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| Product   | Article-No.       | Order-No.          | Pack/Qty        |    |
|---|-------------------|--------------------|-----------------|----|
|  <p><b>Pull cord switch <sup>1) 2) 3)</sup></b><br/> <b>1gang 2way</b><br/>           With screw-type terminals.<br/>           Rated voltage: 250 V~<br/>           Rated current: 10 AX<br/>           Suitable for: LEDi / CFLi<br/>           Rated power: 100 W, Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>2610/6 W-53</b> | 2CKA001383A0141 | 10 |
|   | alpine white      | <b>2610/6 W-54</b> | 2CKA001383A0143 | 10 |


<sup>1)</sup> Label holder 1763-53.<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>3)</sup> Labelling strip non-illuminable.

|   |  |             |                 |    |
|---|--|-------------|-----------------|----|
|  <p><b>Pullcord fastening</b><br/>           Spare part for: 2610/6 UJ-21x, 2610/6 AP, 2610/6 W-5x<br/>           Protection class (Device): IP 20</p> |  | <b>1797</b> | 2CKA001799A0592 | 10 |
|---|--|-------------|-----------------|----|


|  |                   |                  |                 |    |
|--|-------------------|------------------|-----------------|----|
|  <p><b>Neon indicator <sup>1) 2) 3) 4) 5)</sup></b><br/> <b>with E 10-thread</b><br/>           With screw-type terminals.<br/>           without cover, without lamp, IP 44 only in combination with appropriate covers. Rated voltage: 250 V~<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>2661 W-53</b> | 2CKA001582A0305 | 10 |
|  | alpine white      | <b>2661 W-54</b> | 2CKA001582A0328 | 10 |

<sup>1)</sup> Label holder 1763-53.<sup>2)</sup> Label holder illuminable with illumination insert 2152 NLI.<sup>3)</sup> Indication lamp illuminable using E 10 lamps 8302, 8340, 8341, 8342, 8343.<sup>4)</sup> Use of the intense-light neon lamp 8340 is recommended in the case of red and green covers.<sup>5)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


|  |                   |                   |                 |    |
|--|-------------------|-------------------|-----------------|----|
|  <p><b>Cap for indication lamp</b><br/>           2661 W-53<br/>           Protection class (Device): IP 20</p> | clear-transparent | <b>2863-11-53</b> | 2CKA001563A0148 | 10 |
|  | Red               | <b>2863-12-53</b> | 2CKA001563A0149 | 10 |
|  | green             | <b>2863-13-53</b> | 2CKA001563A0150 | 10 |

|  |                   |                     |                 |        |
|--|-------------------|---------------------|-----------------|--------|
|  <p><b>SCHUKO® socket outlet <sup>1) 2)</sup></b><br/> <b>with hinged lid</b><br/>           With screwless terminals.<br/>           2 P + E, Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20 EW-53-500</b> | 2CKA002083A0845 | 10/100 |
|  | alpine white      | <b>20 EW-54-500</b> | 2CKA002083A0846 | 10/100 |


<sup>1)</sup> Label holder 1763-53.<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

| Product  | Article-No.       | Order-No.        | Pack/Qty        |        |
|--|-------------------|------------------|-----------------|--------|
|  <p><b>SCHUKO® socket outlet <sup>1) 2) 3)</sup></b><br/> <b>shuttered</b><br/>           With screwless terminals.<br/>           With hinged lid.<br/>           2 P + E,<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20 EBW-53</b> | 2CKA002083A0842 | 10/100 |
|  | alpine white      | <b>20 EBW-54</b> | 2CKA002083A0843 | 10     |


<sup>1)</sup> Label holder 1763-53.<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).<sup>3)</sup> Increased shock protection.

|   |                   |                      |                 |        |
|---|-------------------|----------------------|-----------------|--------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup></b><br/> <b>with hinged lid and labelling field</b><br/>           With screwless terminals.<br/>           With labelling field.<br/>           Labelling field 57.8 x 9.8 mm<br/>           2 P + E,<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20 EWN-53-500</b> | 2CKA002083A0848 | 10/100 |
|   | alpine white      | <b>20 EWN-54</b>     | 2CKA002083A0831 | 10/100 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |                   |                     |                 |    |
|---|-------------------|---------------------|-----------------|----|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup></b><br/> <b>with green hinged lid</b><br/>           With screwless terminals.<br/>           2 P + E,<br/>           With green hinged lid, SV (RAL 6018).<br/>           With labelling field.<br/>           Labelling field 57.8 x 9.8 mm<br/>           Continuous coloured marking (hinged lid and base).<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20 EWN-13-53</b> | 2CKA002083A0819 | 10 |
|   | alpine white      | <b>20 EWN-13-54</b> | 2CKA002083A0837 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |                   |                     |                 |    |
|---|-------------------|---------------------|-----------------|----|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup></b><br/> <b>with orange hinged lid</b><br/>           With screwless terminals.<br/>           2 P + E,<br/>           With orange hinged lid, ZSV, (RAL 2004).<br/>           With labelling field.<br/>           Labelling field 57.8 x 9.8 mm<br/>           Continuous coloured marking (hinged lid and base).<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20 EWN-14-53</b> | 2CKA002083A0820 | 10 |
|   | alpine white      | <b>20 EWN-14-54</b> | 2CKA002083A0838 | 10 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

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| Product  | Article-No.         | Order-No.       | Pack/Qty |
|--|---------------------|-----------------|----------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> with red hinged lid</b><br/>With screwless terminals.<br/>2 P + E,<br/>With red hinged lid, EDP (RAL 6018).<br/>With labelling field.<br/>Labelling field 57,8 x 9,8 mm<br/>Continuous coloured marking (hinged lid and base).<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 44<br/>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | <b>20 EW/DVN-53</b> | 2CKA002083A0825 | 10       |
|  | grey / blue-green   |                 |          |
| alpine white   | <b>20 EW/DVN-54</b> | 2CKA002083A0839 | 10       |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |                        |                           |                 |
|---|------------------------|---------------------------|-----------------|
|  <p><b>Combination SCHUKO® socket outlet, with rocker switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br/><b>1gang 2way</b><br/>For vertical installation.<br/>2 P + E,<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Suitable for: LEDi / CFLi<br/>Rated current: 10 AX<br/>Rated power: 100 W<br/>Protection class (Device): IP 44<br/>Dimensions: (L x W x D): 166 mm x 74 mm x 55 mm</p> | <b>2601/6/20 EW-54</b> | 2CKA001684A0327           | 5/50            |
|   | grey / blue-green      | <b>2601/6/20EW-53-500</b> | 2CKA001684A0332 |


<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder of the switch illuminable with illumination insert 2152 NLI-53.

<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>4)</sup> Terminals of the socket outlet suitable for loop connection in accordance with VDE 0620-1.

<sup>5)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

|  |                         |                 |   |
|--|-------------------------|-----------------|---|
|  <p><b>Kombination SCHUKO® Steckdose Saftey+, mit Wippschalter <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup></b><br/><b>1gang 2way</b><br/>For vertical installation.<br/>2 P + E,<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Suitable for: LEDi / CFLi<br/>Rated current: 10 AX<br/>Rated power: 100 W<br/>Protection class (Device): IP 44<br/>Dimensions: (L x W x D): 166 mm x 74 mm x 55 mm</p> | <b>2601/6/20 EBW-53</b> | 2CKA001684A0330 | 5 |
|  | grey / blue-green       |                 |   |
| alpine white   | <b>2601/6/20 EBW-54</b> | 2CKA001684A0331 | 5 |


<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> Label holder of the switch illuminable with illumination insert 2152 NLI-53.

<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>4)</sup> Terminals of the socket outlet suitable for loop connection in accordance with VDE 0620-1.

<sup>5)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

| Product  | Article-No.               | Order-No.       | Pack/Qty |
|--|---------------------------|-----------------|----------|
|  <p><b>Combination SCHUKO® socket outlet, with rocker switch <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup></b><br/><b>2gang 1way</b><br/>For vertical installation.<br/>2 P + E,<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Suitable for: LEDi / CFLi<br/>Rated current: 10 AX<br/>Rated power: 100 W<br/>Protection class (Device): IP 44<br/>Dimensions: (L x W x D): 166 mm x 74 mm x 55 mm</p> | <b>2601/5/20EW-53-503</b> | 2CKA001684A0324 | 5/50     |
|  | grey / blue-green         |                 |          |
| alpine white   | <b>2601/5/20EW-54-503</b> | 2CKA001684A0328 | 5/50     |

<sup>1)</sup> Label holder 1763-53.


<sup>2)</sup> Label holder of the switch illuminable with illumination insert 2152 NLI-53.

<sup>3)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>4)</sup> With high cable entry.


<sup>5)</sup> Terminals of the socket outlet suitable for loop connection in accordance with VDE 0620-1.

<sup>6)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

|  |                   |                 |       |
|--|-------------------|-----------------|-------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup></b><br/>With screwless terminals.<br/>With security lock in hinged lid.<br/>2 P + E,<br/>lockable,<br/>2 keys.<br/>Cannot be screwed on or dismantled in closed condition.<br/>approx. 200 different locks (unsorted),<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 44<br/>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | <b>20 EWSL-53</b> | 2CKA002083A0822 | 10/50 |
|  | grey / blue-green |                 |       |
| alpine white   | <b>20 EWSL-54</b> | 2CKA002083A0832 | 10    |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |                       |                 |    |
|---|-----------------------|-----------------|----|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup></b><br/>With screwless terminals.<br/>With security lock in hinged lid.<br/>2 P + E,<br/>Standard lock with 2 identical keys.<br/>Cannot be screwed on or dismantled in closed condition.<br/>Rated voltage: 250 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 44<br/>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | <b>20 EWSL-101-53</b> | 2CKA002083A0823 | 10 |
|   | grey / blue-green     |                 |    |
| alpine white  | <b>20 EWSL-101-54</b> | 2CKA002083A0833 | 10 |


<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).



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| Product   | Article-No.       | Order-No.            | Pack/Qty        |      |
|---|-------------------|----------------------|-----------------|------|
|  <p><b>2 SCHUKO® socket outlets <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/>           With screwless terminals.<br/>           2 P + E,<br/>           With 2 identical security locks in hinged lid and 2 identical keys.<br/>           Cannot be screwed on or dismantled in closed condition.<br/>           geminate approx. 200 different locks (unsorted),<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20/20 EWSL-53</b> | 2CKA002083A0816 | 1/10 |
|   | alpine white      | <b>20/20 EWSL-54</b> | 2CKA002083A0836 | 1    |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> For operating 2 different circuits in shared rooms via user's meter.

|  |                   |                        |                 |      |
|--|-------------------|------------------------|-----------------|------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>2gang</b><br/>           For vertical installation.<br/>           With screwless terminals.<br/>           Prewired with hinged lids,<br/>           2 P + E,<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 166 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20-02 EW-53-500</b> | 2CKA002084A0729 | 5/50 |
|  | alpine white      | <b>20-02 EW-54</b>     | 2CKA002084A0710 | 5    |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.


|   |                   |                     |                 |   |
|---|-------------------|---------------------|-----------------|---|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/> <b>shuttered</b><br/> <b>2gang</b><br/>           For vertical installation.<br/>           With screwless terminals.<br/>           Prewired with hinged lids,<br/>           2 P + E,<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 166 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20-02 EBW-53</b> | 2CKA002084A0719 | 5 |
|   | alpine white      | <b>20-02 EBW-54</b> | 2CKA002084A0722 | 5 |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

<sup>4)</sup> Increased shock protection.

| Product   | Article-No.       | Order-No.           | Pack/Qty        |   |
|---|-------------------|---------------------|-----------------|---|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup></b><br/> <b>2gang</b><br/>           For vertical installation.<br/>           With screwless terminals.<br/>           Prewired with hinged lids,<br/>           With labelling field.<br/>           Labelling field 57.8 x 9.8 mm<br/>           2 P + E,<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 166 mm x 74 mm x 55 mm</p> | grey / blue-green | <b>20-02 EWN-53</b> | 2CKA002084A0702 | 5 |
|   | alpine white      | <b>20-02 EWN-54</b> | 2CKA002084A0714 | 5 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

|   |                   |                       |                 |      |
|---|-------------------|-----------------------|-----------------|------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup></b><br/> <b>2gang</b><br/>           For horizontal installation.<br/>           With screwless terminals.<br/>           Prewired with hinged lids,<br/>           2 P + E,<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 145 mm x 55 mm</p> | grey / blue-green | <b>20/2 EW-53-500</b> | 2CKA002084A0726 | 5/50 |
|   | alpine white      | <b>20/2 EW-54-500</b> | 2CKA002084A0727 | 5/50 |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |                   |                    |                 |      |
|---|-------------------|--------------------|-----------------|------|
|  <p><b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br/> <b>shuttered</b><br/> <b>2gang</b><br/>           For horizontal installation.<br/>           With screwless terminals.<br/>           Prewired with hinged lids,<br/>           2 P + E,<br/>           Rated voltage: 250 V~<br/>           Rated current: 16 A<br/>           Protection class (Device): IP 44<br/>           Dimensions: (L x W x D): 83 mm x 145 mm x 55 mm</p> | grey / blue-green | <b>20/2 EBW-53</b> | 2CKA002084A0720 | 5/50 |
|   | alpine white      | <b>20/2 EBW-54</b> | 2CKA002084A0723 | 5    |


<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Increased shock protection.

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| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup><br/>2gang</b><br>For horizontal installation.<br>With screwless terminals.<br>Prewired<br>with hinged lids,<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>2 P + E,<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 145 mm x 55 mm |                 |          |
| grey /<br>blue-green  | <b>20/2 EWN-53-500</b>  | 2CKA002084A0728 | 5/50     |
| alpine white  | <b>20/2 EWN-54</b>  | 2CKA002084A0715 | 5/50     |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|  |   |                 |   |
|--|---|-----------------|---|
|  | <b>SCHUKO® socket outlet <sup>1)</sup><br/>2gang with red hinged lids</b><br>For horizontal installation.<br>With screwless terminals.<br>2 P + E,<br>Prewired<br>With red hinged lid, EDP (RAL 6018).<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Continuous coloured marking (hinged lid and base).<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 145 mm x 55 mm |                 |   |
| grey /<br>blue-green   | <b>20/2 EW/DVN-53</b>   | 2CKA002084A0700 | 5 |
| alpine white   | <b>20/2 EW/DVN-54</b>   | 2CKA002084A0713 | 5 |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>3gang</b><br>For horizontal installation.<br>With screw-type terminals.<br>Prewired<br>with hinged lids,<br>2 P + E,<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 222 mm x 55 mm |                 |      |
| grey /<br>blue-green  | <b>2300/3 EW-53-500</b>  | 2CKA002084A0725 | 1/10 |
| alpine white  | <b>2300/3 EW-54</b>  | 2CKA002084A0712 | 1/10 |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup><br/>shuttered</b><br>3gang,<br>For horizontal installation.<br>With screw-type terminals.<br>Prewired<br>with hinged lids,<br>2 P + E,<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 222 mm x 55 mm |                 |          |
| grey /<br>blue-green  | <b>2300/3 EBW-53</b>   | 2CKA002084A0721 | 1/10     |
| alpine white  | <b>2300/3 EBW-54</b>   | 2CKA002084A0724 | 1/10     |

<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).


<sup>3)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

<sup>4)</sup> Increased shock protection.

|   |  |                 |      |
|---|--|-----------------|------|
|  | <b>SCHUKO® socket outlet <sup>1)</sup> <sup>2)</sup><br/>3gang</b><br>For horizontal installation.<br>With screw-type terminals.<br>Prewired<br>with hinged lids,<br>With labelling field.<br>2 P + E,<br>Labelling field 57.8 x 9.8 mm<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 222 mm x 55 mm |                 |      |
| grey /<br>blue-green  | <b>2300/3 EWN-53</b>   | 2CKA002084A0704 | 1/10 |
| alpine white  | <b>2300/3 EWN-54</b>   | 2CKA002084A0716 | 1/10 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

|   |  |                 |        |
|---|--|-----------------|--------|
|  | <b>Socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>with earthing pin</b><br>With screwless terminals.<br>With hinged lid.<br>Suitable for the countries like Poland, Czech Republic.<br>2 P + E,<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                 |        |
| grey /<br>blue-green  | <b>20 MW-53-500</b>  | 2CKA002017A0762 | 10/100 |
| alpine white  | <b>20 MW-54-500</b>  | 2CKA002017A0849 | 10     |


<sup>1)</sup> Label holder 1763-53.

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Terminals suitable for loop connection in acc. with IEC 60 884-1.

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| Product   | Article-No.  | Order-No.             | Pack/Qty               |
|---|--|-----------------------|------------------------|
|  | <b>Socket outlet <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>with earthing pin</b><br>With screw-type terminals.<br>With hinged lid.<br>Shuttered.<br>Suitable for countries like Belgium.<br>2 P + E,<br>Rated voltage: 250 V~<br>Rated current: 16 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                       |                        |
|   | grey / blue-green  | <b>23 MWKS-53-504</b> | 2CKA002017A0763 10/100 |
| alpine white  | <b>23 MWKS-54-504</b>  | 2CKA002017A0842 10    |                        |

<sup>1)</sup> Label holder 1763-53.


<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> Terminals suitable for loop connection in acc. with IEC 60 884-1.

|  |   |                    |                        |
|--|---|--------------------|------------------------|
|  | <b>Busch-Nema socket outlet <sup>1)</sup> <sup>2)</sup><br/>with yellow hinged lid</b><br>With screw-type terminals.<br>2 P + E,<br>With yellow hinged lid (RAL 1018).<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Rated voltage: 125 V<br>Rated current: 15 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                    |                        |
|  | grey / blue-green   | <b>3015 EWN-53</b> | 2CKA002124A0023 10/100 |
| alpine white   | <b>3015 EWN-54</b>  | 2CKA002124A0025 10 |                        |

<sup>1)</sup> Use in accordance with US Standard (e.g. in US military barracks).

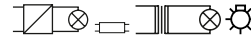
<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

|   |   |                    |                    |
|---|---|--------------------|--------------------|
|  | <b>Busch-Nema socket outlet <sup>1)</sup> <sup>2)</sup><br/>with yellow hinged lid</b><br>With screw-type terminals.<br>2 P + E,<br>With yellow hinged lid (RAL 1018).<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Rated voltage: 125 V<br>Rated current: 20 A<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm |                    |                    |
|   | grey / blue-green   | <b>3016 EWN-53</b> | 2CKA002124A0024 10 |
| alpine white  | <b>3016 EWN-54</b>  | 2CKA002124A0026 10 |                    |

<sup>1)</sup> Use in accordance with US Standard (e.g. in US military barracks).

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

| Product   | Article-No.  | Order-No.            | Pack/Qty             |
|---|--|----------------------|----------------------|
|  | <b>Twilight switch <sup>1)</sup> <sup>2)</sup></b><br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Switch-on/switch-off delay: approx. 3-6 min non-adjustable.<br>Rated voltage: 230 V~<br>Rated frequency: 50 Hz<br>Rated current: 16 AX<br>Rated power: 3680 W/VA |                      |                      |
|   | grey   | <b>2240 W-53</b>     | 2CKA006500A0791 1/10 |
| alpine white  | <b>2240 W-54</b>   | 2CKA006500A0792 1/10 |                      |



<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Labelling strip non-illuminable.

|   |  |                    |                    |
|---|--|--------------------|--------------------|
|  | <b>Housing <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup><br/>with labelling field</b><br>larger installation depth for data communication system,<br>suitable for DCS base 1850 built-in ... 1872 built-in and 1876 built-in,<br>With labelling field.<br>Labelling field 57.8 x 9.8 mm<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm<br>Mounting depth: 45 mm |                    |                    |
|   | grey / blue-green  | <b>1758 WN-53</b>  | 2CKA001724A2751 10 |
| alpine white  | <b>1758 WN-54</b>  | 2CKA001724A4264 10 |                    |


<sup>1)</sup> Not suitable for DCS base 1874 (built-in), 1875 built-in

<sup>2)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>3)</sup> DCS base not included

<sup>4)</sup> IP 44 only with closed hinged lid.

<sup>5)</sup> Not suited for universal modules 0219.

|   |  |                    |                    |
|---|--|--------------------|--------------------|
|  | <b>Empty box <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>with labelling field</b><br>larger installation depth for pilot devices of 22.5 mm diameter,<br>Standard version,<br>Labelling field 57.8 x 9.8 mm<br>Protection class (Device): IP 44<br>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm<br>Mounting depth: 60 mm |                    |                    |
|   | grey / blue-green  | <b>2533 WN-53</b>  | 2CKA001724A2752 10 |
| alpine white  | <b>2533 WN-54</b>  | 2CKA001724A4281 10 |                    |


<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> IP 44 only in combination with appropriate control unit

<sup>3)</sup> \* e.g. of the companies Lumitas, Moeller, Schlegel, Rafi, Elan.


**ocean®**


IP 44

| Product   | Article-No.       | Order-No.            | Pack/Qty        |    |
|---|-------------------|----------------------|-----------------|----|
|  <p><b>Empty box <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>with labelling field</b><br/>larger installation depth for pilot devices of 22.5 mm diameter,<br/>with yellow cover (RAL 1018),<br/>Labelling field 57.8 x 9.8 mm<br/>Protection class (Device): IP 44<br/>Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm<br/>Mounting depth: 60 mm</p> | grey / blue-green | <b>2533 WN-15-53</b> | 2CKA001724A2753 | 10 |
|   | alpine white      | <b>2533 WN-15-54</b> | 2CKA001724A4282 | 10 |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> IP 44 only in combination with appropriate control unit

<sup>3)</sup> \* e.g. of the companies Lumitas, Moeller, Schlegel, Rafi, Elan.

|  |              |                     |                 |      |
|--|--------------|---------------------|-----------------|------|
|  <p><b>FI-SCHUKOMAT, SCHUKO® socket outlets <sup>1)</sup> <sup>2)</sup> <sup>3)</sup><br/>with earth leakage circuit breaker</b><br/>Shuttered.<br/>Waterproof.<br/>Flush-mounted SCHUKOMAT, VDE 0664.<br/>DP cut off (P,N)<br/>Without PE monitoring.<br/>Rated fault current: 30 mA.<br/>With fixing claws.<br/>Rated frequency: 45-60 Hz.<br/>Complete cover, not combinable.<br/>With output terminals for connecting and protecting downstream SCHUKO® socket outlets.<br/>Rated voltage: 230 V~<br/>Rated current: 16 A<br/>Protection class (Device): IP 44<br/>Temperature range (Device): -25 °C to 40 °C</p> | alpine white | <b>3120 EUGB-44</b> | 2CKA003116A0665 | 1/10 |
|--|--------------|---------------------|-----------------|------|

<sup>1)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

<sup>2)</sup> Terminals suitable for loop through connection.






<sup>3)</sup> Increased shock protection.

## Accessories






| Product   | Article-No.  | Order-No.           | Pack/Qty        |    |
|---|--------------|---------------------|-----------------|----|
|  <p><b>Cable entry<br/>double closed</b><br/>Protection class (Device): IP 44</p>                                  | blue-green   | <b>2134 W-53</b>    | 2CKA001761A1487 | 10 |
|   | alpine white | <b>2134 W-54</b>    | 2CKA001761A1507 | 10 |
|  <p><b>Cable entry<br/>single open</b><br/>Protection class (Device): IP 44</p>                                    | blue-green   | <b>2136 W-53</b>    | 2CKA001761A1489 | 10 |
|   | alpine white | <b>2136 W-54</b>    | 2CKA001761A1508 | 10 |
|  <p><b>Cable bushing<br/>adapter plate for coupling several devices</b><br/>Protection class (Device): IP 44</p> | blue-green   | <b>2138 W-53</b>    | 2CKA001761A1490 | 10 |
|   | alpine white | <b>2138 W-54</b>    | 2CKA001761A1509 | 10 |
|  <p><b>Cable entry<br/>high design</b><br/>Protection class (Device): IP 44</p>                                  | blue-green   | <b>2139 W-53</b>    | 2CKA001761A1491 | 10 |
|   | alpine white | <b>2139 W-54</b>    | 2CKA001761A1511 | 10 |
|  <p><b>Cable entry</b><br/>For pipes with metric thread M 20 x 1.5.<br/>Protection class (Device): IP 44</p>     | blue-green   | <b>2137/10 W-53</b> | 2CKA001761A1503 | 10 |
|   | alpine white | <b>2137/10 W-54</b> | 2CKA001761A1512 | 10 |
|  <p><b>Cable entry</b><br/>For pipes with 20 mm diameter unthreaded.<br/>Protection class (Device): IP 44</p>    | blue-green   | <b>2137/11 W-53</b> | 2CKA001761A1506 | 10 |
|   | alpine white | <b>2137/11 W-54</b> | 2CKA001761A1513 | 10 |


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## Accessories






| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>Cable entry</b><br>Trunking dimension: 15 x 15 mm or 15 x 30 mm.<br>Protection class (Device): IP 44   |                 |          |
| blue-green  | <b>2086 W-53</b>  | 2CKA001761A1492 | 10       |
| alpine white  | <b>2086 W-54</b>  | 2CKA001761A1510 | 10       |
|    | <b>Label holder <sup>1)</sup></b><br>with neutral foil 57.8 x 9.8 mm<br>for switches and socket outlets in the ocean® program,<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 44052 mm   |                 |          |
| clear-transparent   | <b>1763-53</b>  | 2CKA001799A0882 | 10       |
| <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> . |   |                 |          |
|    | <b>Illumination insert <sup>1)</sup></b><br>with LED,<br>with optical fibre for uniform illumination of the label holder 1763-53<br>Rated voltage: 230 V~   |                 |          |
| clear-transparent   | <b>2152 NLI-53</b>  | 2CKA001784A0777 | 1        |
| <sup>1)</sup> For compatible lettering software, visit <a href="http://www.BUSCH-JAEGER-labelingtool.com">www.BUSCH-JAEGER-labelingtool.com</a> . |   |                 |          |
|    | <b>FI-SCHUKOMAT, SCHUKO® socket outlets <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br>with earth leakage circuit breaker<br>Shuttered.<br>Waterproof.<br>Surface-mounted SCHUKOMAT, VDE 0664<br>DP cut off (P,N)<br>Without PE monitoring.<br>Rated fault current: 30 mA.<br>Rated frequency: 45-60 Hz.<br>With output terminals for connecting and protecting downstream SCHUKO® socket outlets.<br>Rated voltage: 230 V~<br>Rated current: 16 A<br>Protection class (Device): IP 44<br>Temperature range (Device): -25 °C to 40 °C |                 |          |
| grey  | <b>3120 EWB-53</b>  | 2CKA003116A0664 | 1        |
| <sup>1)</sup> Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.           |   |                 |          |
| <sup>2)</sup> Connecting terminals approved in accordance with VDE 0620-1 as connectors.  |   |                 |          |
| <sup>3)</sup> Increased shock protection .  |   |                 |          |
|    | <b>Mounting plate</b><br>For individual waterproof/tight SM devices.<br>For fixation with fastening system (fixing screws included in the delivery).<br>Protection class (Device): IP 20  |                 |          |
| metal clad  | <b>2609 WS</b>  | 2CKA001716A0042 | 10       |

## Neon lamps, surface-mounted

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Glow lamp with connecting cable</b><br>Suitable for surface-mounted devices 2601/..., 2621/...<br>For SM switch/push button, without 2gang 1way.<br>Rated voltage: 230 V<br>Rated current: 0.6 mA<br>Protection class (Device): IP 20 |                 |          |
|   | <b>8332-1</b>  | 2CKA001784A0016 | 10       |
|    | <b>Glow lamp with connecting cable</b><br>For SM switch/push button, without 2gang 1way.<br>Suitable for surface-mounted devices 2601/..., 2621/...<br>Rated voltage: 230 V<br>Rated current: 1 mA<br>Protection class (Device): IP 20   |                 |          |
|   | <b>8346-1</b>  | 2CKA001784A0321 | 10       |
|   | <b>Glow lamp with connecting cable</b><br>Suitable for surface-mounted devices 2601/4, 2601/5, 2621/4, 2621/...205-101<br>For SM 2gang 1way.<br>Rated voltage: 230 V<br>Rated current: 0.6 mA<br>Protection class (Device): IP 20        |                 |          |
|   | <b>8339-1</b>  | 2CKA001784A0040 | 100      |
|  | <b>Glow lamp with E 10 thread for indication lamps</b><br>Suitable for flush or surface-mounted devices 2661U, 2661W<br>For indication lamps.<br>Rated voltage: 230 V<br>Rated current: 1.3 mA<br>Rated current: 1.3 mA                  |                 |          |
|   | <b>8302</b>  | 2CKA001780A0022 | 100      |
|  | <b>Incandescent lamp with E 10 thread very bright, for indication lamps</b><br>Suitable for flush or surface-mounted devices 2661U, 2661W<br>For indication lamps.<br>Rated voltage: 240 V<br>Rated power: 3 W<br><br>Rated power: 3 W   |                 |          |
|   | <b>8340</b>  | 2CKA001784A0222 | 100      |

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## Incandescent lamps, surface-mounted

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Incandescent lamp with connecting cable</b><br/>           Suitable for surface-mounted devices 2601/..., 2621/...<br/>           For SM switch/push button.<br/>           Rated voltage: 12 V<br/>           Rated current: 40 mA<br/>           Protection class (Device): IP 20</p>                     | <b>8335-1</b> | 2CKA001784A0529 | 10       |
|  <p><b>Incandescent lamp with connecting cable</b><br/>           Suitable for surface-mounted devices 2601/..., 2621/...<br/>           For SM switch/push button.<br/>           Rated voltage: 24 V<br/>           Rated current: 40 mA<br/>           Protection class (Device): IP 20</p>                     | <b>8358</b>   | 2CKA001784A0719 | 10       |
|  <p><b>Incandescent lamp with connecting cable</b><br/>           Suitable for surface-mounted devices 2601/..., 2621/...<br/>           For SM switch/push button, without 2gang 1way.<br/>           Rated voltage: 3 V<br/>           Rated current: 40 mA<br/>           Protection class (Device): IP 20</p> | <b>8333-1</b> | 2CKA001784A0024 | 10       |
|  <p><b>Incandescent lamp with E 10 thread<br/>for indication lamps</b><br/>           Suitable for flush or surface-mounted devices 2661U,<br/>           2661W<br/>           For indication lamps.<br/>           Rated voltage: 12 V<br/>           Rated power: 1.5 W</p> <p>Rated power: 1.5 W</p>          | <b>8342</b>   | 2CKA001784A0255 | 100      |
|  <p><b>Incandescent lamp with E 10 thread<br/>for indication lamps</b><br/>           Suitable for flush or surface-mounted devices 2661U,<br/>           2661W<br/>           For indication lamps.<br/>           Rated voltage: 24 V<br/>           Rated power: 2 W</p> <p>Rated power: 2 W</p>              | <b>8343</b>   | 2CKA001784A0263 | 100      |



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# Movement detector

For the pleasant feeling of safety.

These innovative and high-quality optical detection systems by Busch-Jaeger simply make life more comfortable. They are alert, helpful, efficient. And they automatically manage many tasks in every sector of the building. Inside and outdoors. When it comes to safety, they know precisely when the light is needed. And other functions such as heating, blinds and air-conditioning are precisely, intelligently and reliably controlled.





## Movement detector

Selected functions.



01



02

03

04

05

06

07

- 01 Busch-Watchdog 220 MasterLINE,  
Colour: white, with anthracite-coloured lens,  
incl. IR remote control,  
Article-No.: 6847/8 AGM-204-500
- 02 Busch-Presence detector KNX,  
Colour: white, Article-No.: 6131/31-24-500
- 03 Busch-Presence detector compact,  
Colour: white, Article-No.: 6819/60-24-500
- 04 Busch-Watchdog 110 MasterLINE,  
Colour: white, Article-No.: 6855 AGM-204-500

- 05 Busch-Watchdog Presence tech  
BasicLINE Corridor, Article-No.: 6818 U-500
- 06 Busch-Watchdog 180 flex,  
Comfort sensor with select lens,  
Switch series solo®, Colour: studio white  
Article-No.: 64762-84-500
- 07 Busch-Watchdog ProfessionalLINE  
Colour: white, Article-No.: 6845/11 AGM-204-500

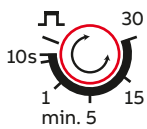


For more information  
about light switch  
ranges visit ABB  
global web sites.

# System according to plan

## Perfect detection for different applications

The new Busch-Watchdog 180 flex movement detectors combine design, detection quality and flexibility in use.



Setting the switch-off delay pulse operation

### 180-degree lenses

The 180-degree lenses provide perfect detection for different applications. The new Busch-Watchdog sensors are compact and flat. As a result, the movement detectors blend in with the general appearance more discreetly.

### Comfort and multi-sensors

The comfort and multi-sensors can also be operated manually above and below the detection lens to switch the light on and off manually if required or to change the intensity of the light in conjunction with a dimmer insert. The operation is familiar and intuitive as with a switch/button operation.

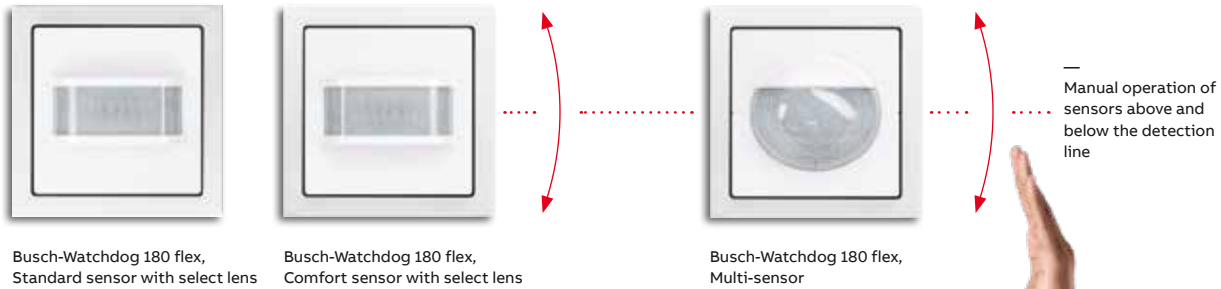


Setting the brightness-value threshold/test mode



**Greater comfort**

In addition to an increased selection, the combinable inserts have been technically further developed and offer many new features for reliable and installation-friendly use.

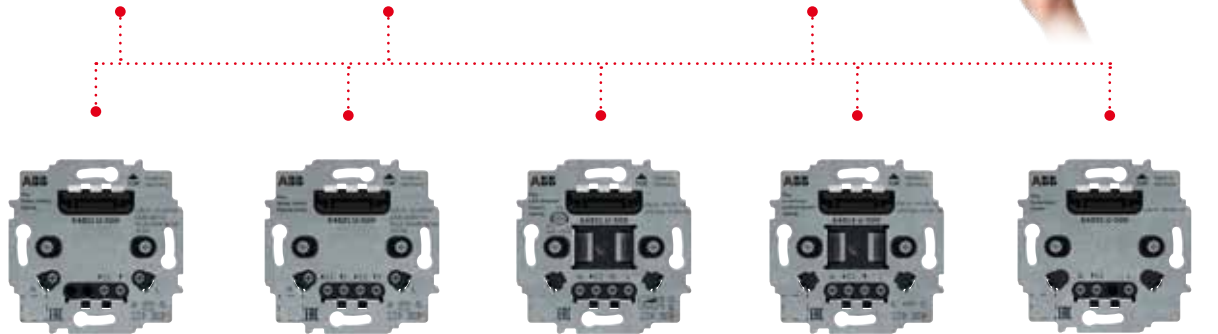


Manual operation of sensors above and below the detection line

Busch-Watchdog 180 flex, Standard sensor with select lens

Busch-Watchdog 180 flex, Comfort sensor with select lens

Busch-Watchdog 180 flex, Multi-sensor



Relay insert flex, 1gang  
Nominal power: 300 W (LEDi)

Relay insert flex, 2gang  
Nominal power: 2x300 W (LEDi)

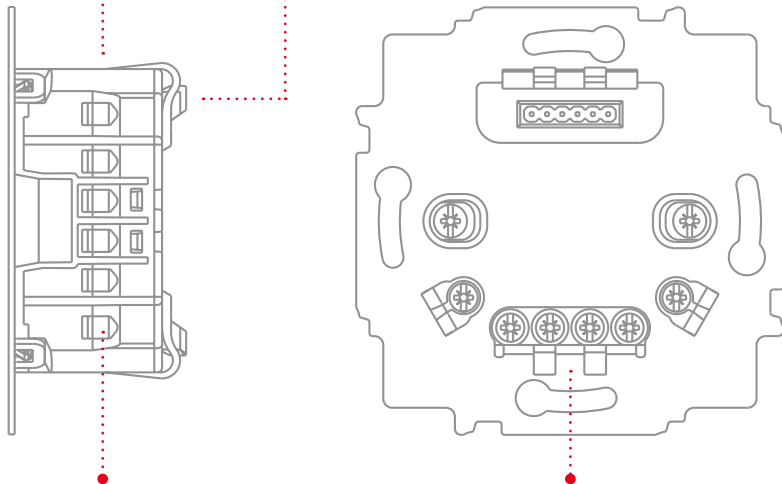
LED dimmer insert flex, 1gang  
Nominal power: 3-240 W/VA (LEDi)

e-contact insert flex, 1gang  
Nominal power: 3-240 W/VA (LEDi)

Extension unit insert flex

Flat construction type 25.5 mm

Claw protection for greater safety



Open clamps also for flexible busbars for quick mounting

Measuring points accessible from the front  
Quick inspection in case of service

**Features at a glance**

- Fine wire protection: Safe and fast connection of flexible and rigid wires
- Wallpaper compensation: Evens out small unevenness during mounting
- Uniform interface: Many flexible combinations are possible between sensor and actuator
- Extension unit: For operation via conventional push-buttons or connection of the extension unit insert flex

## Movement detector

Perfect detection for different applications

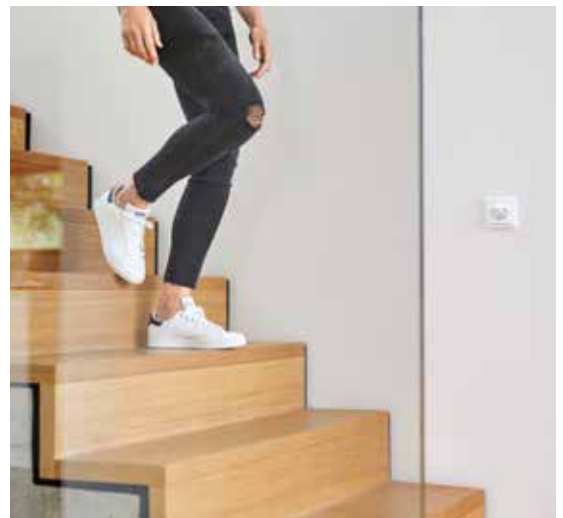
### Bathroom

Friendly and light in the morning, the atmosphere subdued in the evening and during the night - the demands on the light conditions could barely be more versatile. The Busch-Watchdog 180 flex comfort sensor with the select lens creates an individual light atmosphere with the combination of movement detector and dimmer, and so supports the natural biorhythm.

### Stairway

It is the connecting link to our apartments. Although one only spends a brief period of time here, uncomplicated lighting is especially important in the stairway. The hands are full of shopping, in your mind you are already on the next floor - but thanks to the Busch-Watchdog 180 flex multi-sensor, there is no irritating switching of the light.

- 01 Busch-Watchdog 180 flex, comfort sensor with select lens
- 02 Busch-Watchdog 180 flex, multi-sensor
- 03 Busch-Watchdog 180 flex, standard with select lens

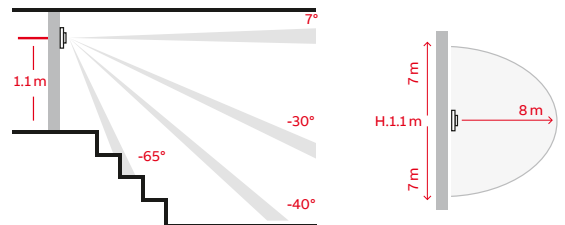
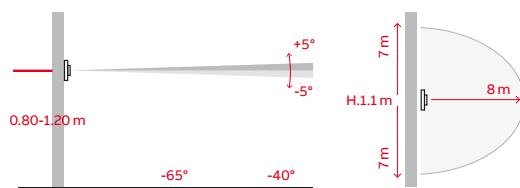


01



02

- Personalised light settings, adjusted to the time of day and the situation
- Dimming function supports the natural biorhythm and cares for sustainable power consumption
- Two detection lenses respond exclusively to movements that are created by people and not by inquisitive pets.



Detection range of multi-lens

- Individual light settings including dimming function
- Four detection levels cover the entire stairway
- Energy-saving effect due to automatic switch-on and switch-off.

## Movement detector

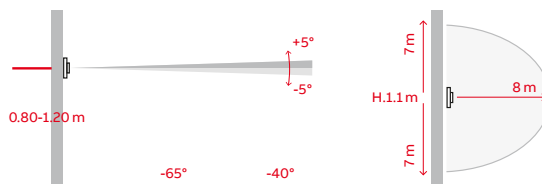
Perfect detection for different applications

### Corridor

The first impression counts! That is why it is especially difficult to create a welcoming light atmosphere in a rather small corridor. In addition, the switched-on light can be quickly forgotten and turn into a power guzzler. The Busch-Watchdog 180 flex standard with select lense detects the entire corridor area and reacts with a combination of movement detector and lighting.



03



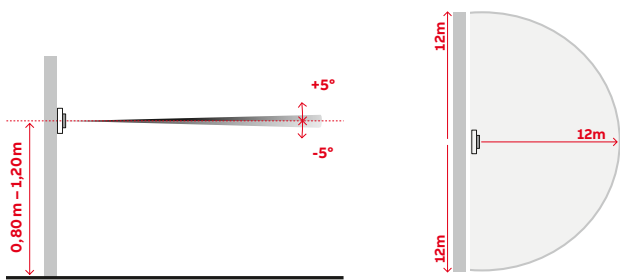
Detection range of select lense

- The horizontal detection level reacts exclusively to persons and not four-footed family members
- Inviting and individual light conditions that can be personalized in the corridor area with dimming function
- Reduction of energy consumption due to automatic switch-on and switch-off

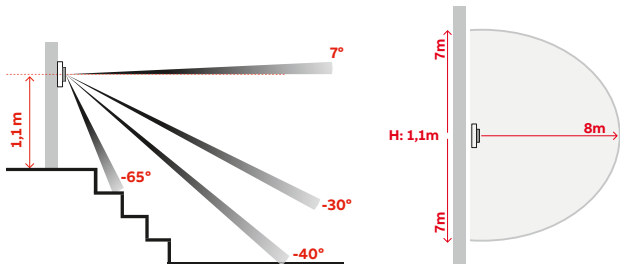
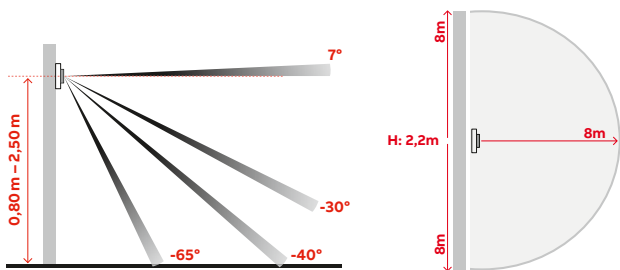
# Movement detector

What kinds of detection are available?

The Busch-Watchdog 180 flex is available with two detection lenses. The **select lens** is suitable for corridors or rooms such as tea kitchens where horizontal detection is sufficient or desired, for example, because of pets. It is usually mounted at switch height.



The **multi-lens** offers further areas of application thanks to its four detection levels. For example, this lens can also be used in stairwells. Mounted in the hallway area at 2.2 m, this lens is even better protected from damage and vandalism.



Versatile combination possibilities!



**Busch-Watchdog 180 flex, basic sensor with select lens**  
Article no.: 64761-xxx



**Relay insert flex, 1gang**  
Nominal power: 300 W (LEDi)  
Article no.: 64811 U-500



**Busch-Watchdog 180 flex, basic sensor with select lens**  
Article no.: 64762-xxx



**Relay insert flex, 2gang**  
Nominal power: 2x300 W (LEDi)  
Article no.: 64821 U-500



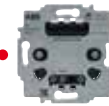
**LED dimmer insert flex, 1gang**  
Nominal power: 3-240 W/VA (LEDi)  
Article no.: 64851 U-500



**Busch-Watchdog 180 flex, multi sensor**  
Article no.: 64764-xxx



**e-contact insert flex, 1gang**  
Nominal power: 3-240 W/VA (LEDi)  
Article no.: 64814 U-500



**Extension unit insert flex**  
Article no.: 64891 U-500

11

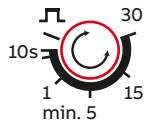
## Movement detector

Reliable and uninterrupted surveillance.

Simple and uniform setting of the desired parameters on all Busch-Watchdog lenses on the rear side using two setting potentiometers.

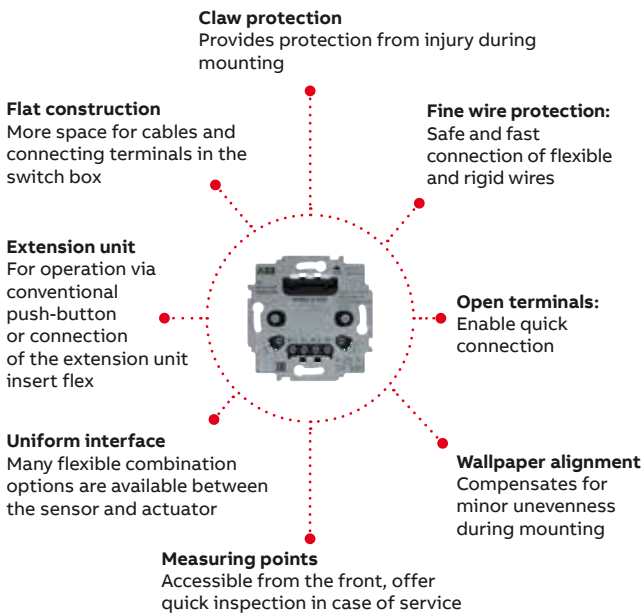


Switching threshold or test mode



Switch-off delay or pulse operation

In addition to the increased selection of combinable inserts, these inserts have been technically further developed and offer many new features for reliable and installation-friendly use.



How flexible should YOUR home be?

The new Busch-Watchdog 180 flex movement detectors combine design, detection quality and flexibility in use. The 180-degree lenses provide perfect detection for different applications. The construction size of the new Busch-Watchdog is compact and flat. As a result, the movement detectors blend in with the general appearance more discreetly.



Busch-Watchdog 180 flex, basic sensor



Busch-Watchdog 180 flex, comfort sensor



Busch-Watchdog 180 flex, multi sensor

The **comfort and multi sensors** can also be operated manually above and below the detection lens to switch the light on and off manually if required or to dim it in conjunction with a dimmer. The operation is familiar and intuitive as with a switch/button operation.



Busch-Watchdog 180 flex, comfort sensor



Busch-Watchdog 180 flex, multi sensor

## Movement detector

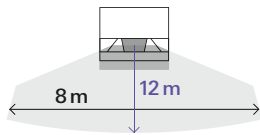
Busch-Watchdog surface-mounted.

### Overview of Busch-Watchdog, surface-mounted, detection zones

**Busch-Watchdog  
70 MasterLINE**  
6854 AGM-...-500

**Busch-Watchdog  
110 MasterLINE**  
6855 AGM-...-500

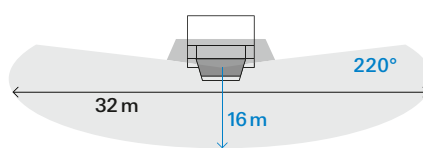
**Busch-Watchdog 90  
ProfessionalLINE**  
6853 AGM-...-500



**Busch-Watchdog  
220 MasterLINE**  
6847/11 AGM-...-500

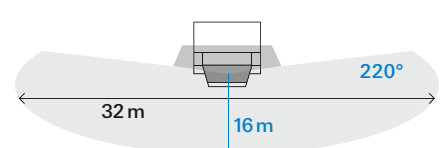
**Busch-Watchdog  
220 WaveLINE**  
6847 AGM-...-500

**Busch-Watchdog 220  
ProfessionalLINE**  
6845/11 AGM-...-500

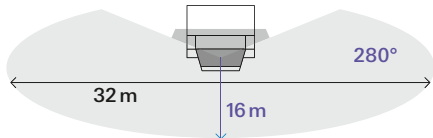


**Busch-Watchdog  
220 MasterLINE KNX**  
6179/01-...-500

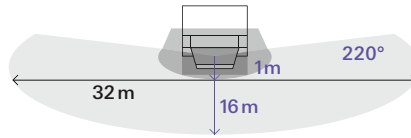
**Busch-Watchdog 220 MasterLINE  
KNX premium**  
6179/02-...-500



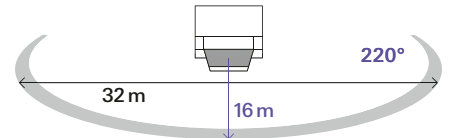
**Busch-Watchdog  
280 MasterLINE**  
6867 AGM-...-500



**Busch-Watchdog  
220 MasterLINE premium.**  
6848 AGM-...-500



**Busch-Watchdog  
220 MasterLINE select.**  
6847 AGS-204-500



### Overview Busch-Watchdog surface-mounted



01



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- 01 Busch-Watchdog 70 and 110 MasterLINE, white
- 02 Busch-Watchdog 70 and 110 MasterLINE, anthracite
- 03 Busch-Watchdog 70 and 110 MasterLINE, brown
- 04 Busch-Watchdog 70 and 110 MasterLINE, silver metallic

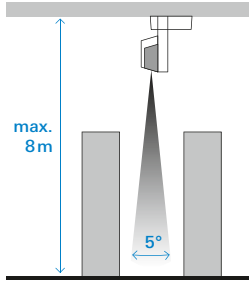
- 05 Busch-Watchdog 220 and 280 MasterLINE, white
- 06 Busch-Watchdog 220 and 280 MasterLINE, anthracite
- 07 Busch-Watchdog 220 and 280 MasterLINE, brown
- 08 Busch-Watchdog 220 MasterLINE, silver metallic, incl. IR remote control
- 09 Busch-Watchdog 220 MasterLINE, white, lens anthracite
- 10 Busch-Watchdog 90 and 220 ProfessionalLINE, available in white, anthracite and brown



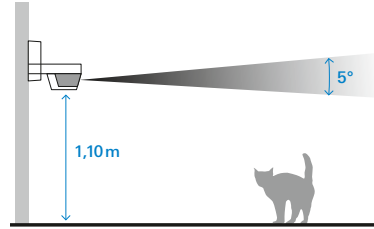
## Movement detector

The angle is what matters. Mounting and detection ranges.

### Busch-Watchdog 220 MasterLINE select

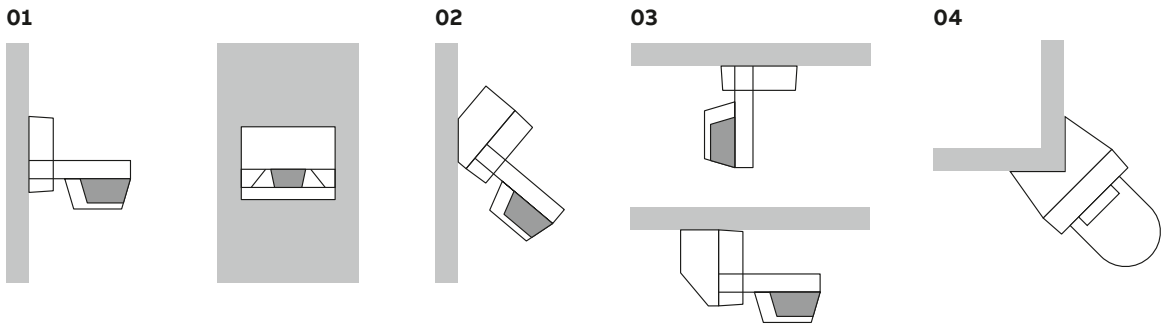


**Precise surveillance.**  
Aside from horizontal mounting, which is ideally suited for the surveillance of houses, properties and parking areas, also vertical mounting is possible. This also allows warehouse thoroughfares on large industrial sites to be monitored so precisely that areas are illuminated only when being approached.



**Sees everything. Except small animals.**  
Practical for the surveillance of outdoor areas: At a mounting height of 1.10 m with a horizontal alignment small animals are not detected by the Busch-Watchdog 220 MasterLINE select.

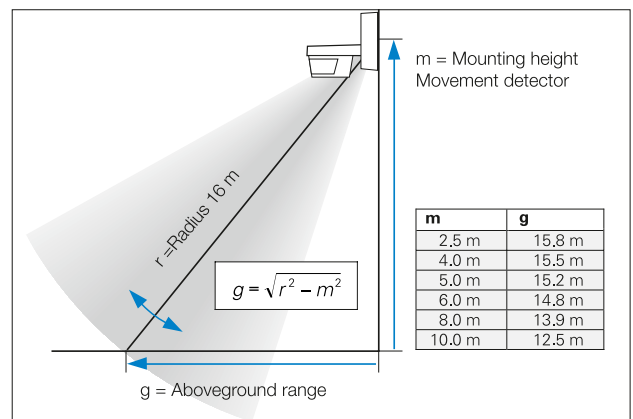
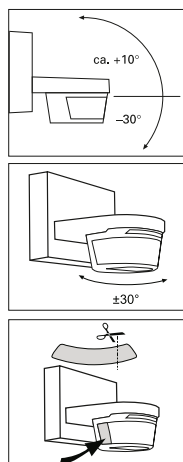
### Mounting possibilities



- 01 Wall mounting
- 02 Wall mounting with gradient
- 03 Ceiling mounting with and without corner adapter
- 04 Corner mounting (using the corner adapter)  
Busch-Watchdog 280 MasterLINE

### Setting the transmission range

- Regulation of the range due to turning, switching, or partially covering
- The optimum mounting height is 2.50 m.
- Automatic range stabilisation for the Busch-Watchdog 70/110 MasterLINE



## Movement detector

Busch-Presence detectors.

Overview of Busch-Presence detectors.

### Presence detectors 230 V AC

Compact devices for almost every application.



### Busch-Watchdog Presence tech BasicLINE

For small offices, toilets, pass-through areas and dedicated applications.



### Busch-Presence detectors KNX

Expertise always works. Almost unnoticed.



## Movement detector

Mounting situations. Ideal solutions for all wall types.

The Busch-Presence detectors can, depending on the model, be used for all popular mounting methods. Necessary accessories are to be obtained either from Busch-Jaeger/ABB or corresponding third-party suppliers.

|   | 230 V                                  |  |                                    |   |  |  |
|---|--|--|------------------------------------|---|--|--|
|   | KNX                                    |  |                                    |   |  |  |
| Mounting situation                              | Suspended ceiling                      | Suspended ceiling with hollow wall box | Flush-mounted installation box VDE | Surface mounted   | In-situ concrete   | Precast concrete slabs                                       |
| Notes   | Ø 68 mm drill hole diameter            | Ø 68 mm drill hole diameter            |                                    |   | Mounting via special concrete installation boxes                         | Mounting via special concrete installation boxes             |
| Necessary accessories                           | Suspended ceiling with hollow wall box |  | KNX: Intermediate ring 6131/38     | Surface-mounting box 6883-...-500 or Surface-mounting box 6888<br>KNX: Surface-mounting box 6131/39 | E.g. Kaiser HaloX®-O housing: 1290-40 with front part 1281-01 or 1281-61 | E.g. Kaiser HaloX-P housing with mineral fibre plate 1291-22 |
| Busch-Watchdog Presence tech BasicLINE mini     | ■                                      | -                                      | -                                  | -   | ■  | -  |
| Busch-Watchdog Presence tech BasicLINE          | ■                                      | ■                                      | ■                                  | -   | ■  | ■  |
| Busch-Watchdog Presence tech BasicLINE Corridor | ■                                      | ■                                      | ■                                  | ■   | ■  | ■  |
| Busch-Presence detector flex sensors            | -                                      | ■                                      | ■                                  | ■   | ■  | ■  |
| Busch-Presence detectors 230 V                  | ■                                      | -                                      | -                                  | -   | ■  | ■  |
| Busch-Presence detector KNX                     | ■                                      | -                                      | ■                                  | ■   | ■  | ■  |
| Busch-Presence detector mini KNX                | ■                                      | -                                      | ■                                  | ■   | ■  | ■  |

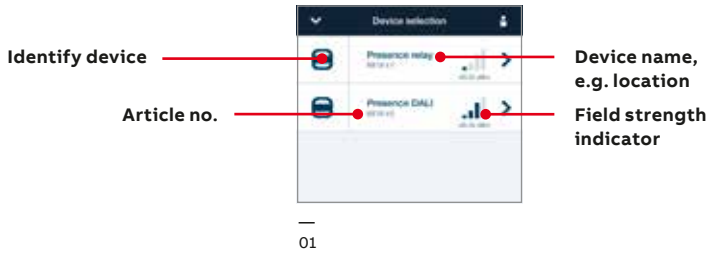
# Movement detector

ABB Watchdog Remote control.

The generation of ABB presence detectors 230 V AC with integrated Bluetooth interface can be remotely controlled and parameterised via a smartphone or tablet APP.

For example the following functions are adjustable:  
NOTE: The Busch-Presence detector flex WL sensors will be controlled by the Busch- free@home app.

01 Selection of the presence detector to be controlled, via the device list with field strength display and fast identification push button.

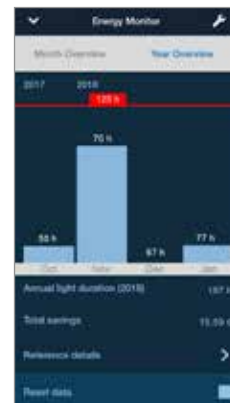


02 Direct switching and dimming of the connected load



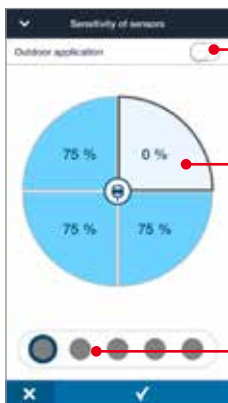
02

03 Energy monitor (rough overview of energy cost with / without presence detectors)



03

04 Sensitivity of sensors



04

Outdoor mounting, e.g. under canopy

4 PIR sensors in 4 quadrants with different sensitivities

Set sensitivity



05



- 06 Activation of presence simulation (if you are not at home) / basic brightness and nightlight
- 07 Set device (Bluetooth) name and device parameters
- 08 Release specific functions to user



06




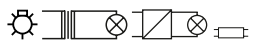
07

08


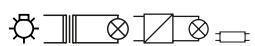


## Movement detector

### Busch-Watchdog, surface-mounted

| Product   | Article-No.   | Order-No.               | Pack/Qty        |      |
|---|---|-------------------------|-----------------|------|
|  | <b>Busch-Watchdog 70 MasterLINE 1)</b><br>Electronic movement detector for detecting thermal motion.<br>With display for detection and operation mode.<br>With ground surveillance.<br>With high-quality lens for optimum detection.<br>Adjustment of detection range via rotary control element.<br>Surveillance density: 25 sectors with 100 switching segments.<br>With integrated dismantling protection.<br>With brightness-independent test mode for evaluating the detection zone.<br>Additional possibility for switch-on via normally open push-button switch.<br>Switch-off delay option: 1 / 3 or 5 min.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: ohmic, capacitive and inductive loads<br>Rated current: 6 AX, cos φ 0.6<br>Rated power: 1380 W/VA<br>Detection range: frontal: 12 m, lateral: 4 m<br>Brightness limit value: 3 Lux Up to daytime operation<br>Mounting height: 2.5 m<br>Protection class (Device): IP 55<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 100 mm x 125 mm x 33 mm<br> |                         |                 |      |
|   | brown   | <b>6854 AGM-201-500</b> | 2CKA006800A2549 | 1    |
|   | white   | <b>6854 AGM-204-500</b> | 2CKA006800A2546 | 1/10 |
|   | silver metallic   | <b>6854 AGM-208-500</b> | 2CKA006800A2547 | 1    |
|   | anthracite  | <b>6854 AGM-35-500</b>  | 2CKA006800A2548 | 1    |

<sup>1)</sup>In combination with a relay/contactator, an RC suppressor 6899 has to be used.

| Product   | Article-No.  | Order-No.               | Pack/Qty        |   |
|---|--|-------------------------|-----------------|---|
|  | <b>Busch-Watchdog 110 MasterLINE 1)</b><br>Electronic movement detector for detecting thermal motion.<br>Remote operation via IR remote control 6841-101.<br>Remote configurable via IR service remote control 6842-101.<br>With display for detection and operation mode.<br>With ground surveillance.<br>With high-quality lens for optimum detection.<br>Detection sensitivity adjustable via IR service remote control.<br>Adjustment of detection range via rotary control element.<br>Surveillance density: 25 sectors with 100 switching segments.<br>With integrated dismantling protection.<br>All functions controlled by microprocessor.<br>Continuous light (4 hours), light deactivation (4 hours) and presence simulation can be activated via IR remote control.<br>Reading in the current brightness value as switching threshold via remote control.<br>With automatic range stabilization.<br>With automatic interference suppression.<br>With automatic dazzle-proofing.<br>With brightness-independent test mode for evaluating the detection zone.<br>Individual adjustment of detection range via enclosed protective foil which can be cut to size.<br>Additional possibility for switch-on via normally open push-button switch.<br>Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: ohmic, capacitive and inductive loads<br>Rated current: 10 AX, cos φ 0.6<br>Rated power: 2300 W/VA<br>Detection range: frontal: 12 m, lateral: 4 m<br>Brightness limit value: 3 Lux Up to daytime operation<br>Mounting height: 2.5 m<br>Protection class (Device): IP 55<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 100 mm x 125 mm x 33 mm<br> |                         |                 |   |
|   | brown  | <b>6855 AGM-201-500</b> | 2CKA006800A2614 | 1 |
|   | white  | <b>6855 AGM-204-500</b> | 2CKA006800A2611 | 1 |
|   | silver metallic  | <b>6855 AGM-208-500</b> | 2CKA006800A2612 | 1 |
|   | anthracite   | <b>6855 AGM-35-500</b>  | 2CKA006800A2613 | 1 |

<sup>1)</sup>In combination with a relay/contactator, an RC suppressor 6899 has to be used.

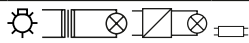
## Movement detector

### Busch-Watchdog, surface-mounted

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

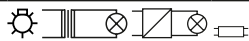


**Busch-Watchdog 220 MasterLINE 1)**  
Electronic movement detector for detecting thermal motion.  
Remote operation via IR remote control 6841-101.  
Remote configurable via IR service remote control 6842-101.  
With display for detection and operation mode.  
With ground and rear-field detection.  
With high-quality lens for optimum detection.  
Detection sensitivity adjustable via IR service remote control.  
Surveillance density: 84 sectors with 336 switching segments.  
With integrated dismantling protection.  
All functions controlled by microprocessor.  
Continuous light (4 hours), light deactivation (4 hours) and presence simulation can be activated via IR remote control.  
Reading in the current brightness value as switching threshold via remote control.  
With automatic range stabilization.  
With automatic interference suppression.  
With automatic dazzle-proofing.  
With brightness-independent test mode for evaluating the detection zone.  
Individual adjustment of detection range via enclosed protective foil which can be cut to size.  
Additional possibility for switch-on via normally open push-button switch.  
Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.  
Rated voltage: 230 V~, +10 % / -10 %  
Rated frequency: 50 Hz - 60 Hz  
Outputs: 1x Normally open contact, potential-bound  
Suitable for: ohmic, capacitive and inductive loads  
Rated current: 16 AX, cos φ 0.6  
Rated power: 3680 W/VA  
Detection range: frontal: 16 m, lateral: 16 m  
Detection angle: 220 °  
Brightness limit value: 0.5 Lux - 300 Lux , Daytime operation  
Mounting height: 2.5 m  
Protection class (Device): IP 55  
Temperature range (Device): -25 °C to 55 °C  
Dimensions: (L x W x D): 115 mm x 125 mm x 141 mm



|                 |   |      |
|-----------------|---|------|
| white           | <b>6847/11AGM-204-500</b> 2CKA006800A2524 | 1/10 |
| silver metallic | <b>6847/11AGM-208-500</b> 2CKA006800A2525 | 1    |
| anthracite      | <b>6847/11AGM-35-500</b> 2CKA006800A2526  | 1    |
| brown           | <b>6847/11AGM-201-500</b> 2CKA006800A2527 | 1    |

#### incl. IR remote control



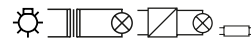
|                 |   |      |
|-----------------|---|------|
| brown           | <b>6847 AGM-201-500</b> 2CKA006800A2535 | 1    |
| white           | <b>6847 AGM-204-500</b> 2CKA006800A2532 | 1/10 |
| silver metallic | <b>6847 AGM-208-500</b> 2CKA006800A2533 | 1    |
| anthracite      | <b>6847 AGM-35-500</b> 2CKA006800A2534  | 1/10 |

<sup>1)</sup>In combination with a relay/contactator, an RC suppressor 6899 has to be used.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



**Busch-Watchdog 220 MasterLINE 1)**  
**incl. IR remote control**  
With anthracite-coloured lens.  
Electronic movement detector for detecting thermal motion.  
Remote control possible via IR remote control 6841-101 (included in scope of delivery).  
Remote configurable via IR service remote control 6842-101.  
With display for detection and operation mode.  
With ground and rear-field detection.  
With high-quality lens for optimum detection.  
Detection sensitivity adjustable via IR service remote control.  
Surveillance density: 84 sectors with 336 switching segments.  
With integrated dismantling protection.  
All functions controlled by microprocessor.  
Continuous light (4 hours), light deactivation (4 hours) and presence simulation can be activated via IR remote control.  
Reading in the current brightness value as switching threshold via remote control.  
With automatic range stabilization.  
With automatic interference suppression.  
With automatic dazzle-proofing.  
With brightness-independent test mode for evaluating the detection zone.  
Individual adjustment of detection range via enclosed protective foil which can be cut to size.  
Additional possibility for switch-on via normally open push-button switch.  
Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.  
Rated voltage: 230 V~, +10 % / -10 %  
Rated frequency: 50 Hz - 60 Hz  
Outputs: 1x Normally open contact, potential-bound  
Suitable for: ohmic, capacitive and inductive loads  
Rated current: 16 AX, cos φ 0.6  
Rated power: 3680 W/VA  
Detection range: frontal: 16 m, lateral: 16 m  
Detection angle: 220 °  
Brightness limit value: 0.5 Lux - 300 Lux , Daytime operation  
Mounting height: 2.5 m  
Protection class (Device): IP 55  
Temperature range (Device): -25 °C to 55 °C  
Dimensions: (L x W x D): 115 mm x 125 mm x 141 mm



|       |   |   |
|-------|---|---|
| white | <b>6847/8 AGM-204-500</b> 2CKA006800A2600 | 1 |
|-------|---|---|

<sup>1)</sup>In combination with a relay/contactator, an RC suppressor 6899 has to be used.

## Movement detector

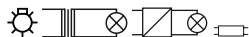
### Busch-Watchdog, surface-mounted

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Busch-Watchdog 220 MasterLINE select <sup>1)</sup>

Electronic movement detector for detecting thermal motion.  
 Remote operation via IR remote control 6841-101.  
 Remote configurable via IR service remote control 6842-101.  
 With display for detection and operation mode.  
 With high-quality lens for optimum detection.  
 Detection sensitivity adjustable via IR service remote control.  
 Surveillance density: 28 sectors with 112 switching segments.  
 With integrated dismantling protection.  
 All functions controlled by microprocessor.  
 Continuous light (4 hours), light deactivation (4 hours) and presence simulation can be activated via IR remote control.  
 Reading in the current brightness value as switching threshold via remote control.  
 With automatic range stabilization.  
 With automatic interference suppression.  
 With automatic dazzle-proofing.  
 With brightness-independent test mode for evaluating the detection zone.  
 Individual adjustment of detection range via enclosed protective foil which can be cut to size.  
 Additional possibility for switch-on via normally open push-button switch.  
 Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.  
 Rated voltage: 230 V~, +10 % / -10 %  
 Rated frequency: 50 Hz - 60 Hz  
 Outputs: 1x Normally open contact, potential-bound  
 Suitable for: ohmic, capacitive and inductive loads  
 Rated current: 16 AX, cos φ 0.6  
 Rated power: 3680 W/VA  
 Detection range: frontal: 16 m, lateral: 16 m  
 Detection angle: 220 °  
 Brightness limit value: 0.5 Lux - 300 Lux, Daytime operation  
 Mounting height: 2.5 m - 8 m alternative: 1.1 m  
 Protection class (Device): IP 55  
 Temperature range (Device): -25 °C to 55 °C  
 Dimensions: (L x W x D): 115 mm x 125 mm x 141 mm



|       |                         |                 |   |
|-------|-------------------------|-----------------|---|
| white | <b>6847 AGS-204-500</b> | 2CKA006800A2537 | 1 |
|-------|-------------------------|-----------------|---|

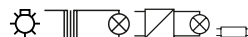
<sup>1)</sup>In combination with a relay/contactator, an RC suppressor 6899 has to be used.

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Busch-Watchdog 220 MasterLINE premium <sup>1)</sup> <sup>2)</sup>

**incl. IR remote control**  
 Electronic movement detector for detecting thermal motion.  
 Two switching outputs (one floating/one non-floating)  
 With 2-zone detection and 2 separate switching outputs.  
 With connectable, movement-independent twilight switching operation.  
 Remote control possible via IR remote control 6841-101 (included in scope of delivery).  
 Remote configurable via IR service remote control 6842-101.  
 With display for detection and operation mode.  
 With ground and rear-field detection.  
 With high-quality lens for optimum detection.  
 Detection sensitivity adjustable via IR service remote control.  
 Surveillance density: 91 sectors with 364 switching segments.  
 With integrated dismantling protection.  
 All functions controlled by microprocessor.  
 Continuous light (4 hours), light deactivation (4 hours) and presence simulation can be activated via IR remote control.  
 Reading in the current brightness value as switching threshold via remote control.  
 With automatic range stabilization.  
 With automatic interference suppression.  
 With automatic dazzle-proofing.  
 With brightness-independent test mode for evaluating the detection zone.  
 Individual adjustment of detection range via enclosed protective foil which can be cut to size.  
 Additional possibility for switch-on via normally open push-button switch.  
 Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.  
 Rated voltage: 230 V~, +10 % / -10 %  
 Rated frequency: 50 Hz - 60 Hz  
 Outputs: 1x Normally open contact, potential-bound  
 Suitable for: ohmic, capacitive and inductive loads  
 Rated current: 10 AX, cos φ 0.6  
 Rated power: 2300 W/VA  
 Control/Signal outputs: 1, Normally open contact, potential free  
 Rated power: 0.12 - 2300 W/VA  
 Detection range: frontal: 16 m, lateral: 16 m  
 Detection range 2: frontal: 1 m, lateral: 1 m  
 Detection angle: 220 °  
 Brightness limit value: 0.5 Lux - 300 Lux, Daytime operation  
 Mounting height: 2.5 m  
 Protection class (Device): IP 55  
 Temperature range (Device): -25 °C to 55 °C  
 Dimensions: (L x W x D): 115 mm x 125 mm x 141 mm



|                 |                         |                 |   |
|-----------------|-------------------------|-----------------|---|
| brown           | <b>6848 AGM-201-500</b> | 2CKA006800A2581 | 1 |
| white           | <b>6848 AGM-204-500</b> | 2CKA006800A2578 | 1 |
| silver metallic | <b>6848 AGM-208-500</b> | 2CKA006800A2579 | 1 |
| anthracite      | <b>6848 AGM-35-500</b>  | 2CKA006800A2580 | 1 |



<sup>1)</sup>In combination with a relay/contactator, an RC suppressor 6899 has to be used.

<sup>2)</sup>For the activation of additional functions (twilight switch/floating/2-zone operation), the IR service remote control 6842-101 is required.





## Movement detector

### Busch-Watchdog, surface-mounted


| Product  | Article-No.             | Order-No.               | Pack/Qty        |
|--|-------------------------|-------------------------|-----------------|
|  <p><b>Busch-Watchdog 280 MasterLINE <sup>1)</sup></b><br/><b>incl. IR remote control</b><br/>Electronic movement detector for detecting thermal motion.<br/>Remote control possible via IR remote control 6841-101 (included in scope of delivery).<br/>Remote configurable via IR service remote control 6842-101.<br/>With display for detection and operation mode.<br/>With ground and rear-field detection.<br/>With high-quality lens for optimum detection.<br/>Detection sensitivity adjustable via IR service remote control.<br/>Surveillance density: 110 sectors with 440 switching segments.<br/>With integrated dismantling protection.<br/>All functions controlled by microprocessor.<br/>Always-On (4 hours) and Presencesimulation can be activated via IR-remote control.<br/>Reading in the current brightness value as switching threshold via remote control.<br/>With automatic range stabilization.<br/>With automatic interference suppression.<br/>With automatic dazzle-proofing.<br/>With brightness-independent test mode for evaluating the detection zone.<br/>Individual adjustment of detection range via enclosed protective foil which can be cut to size.<br/>Additional possibility for switch-on via normally open push-button switch.<br/>Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 1x Normally open contact, potential-bound<br/>Suitable for: ohmic, capacitive and inductive loads<br/>Rated current: 16 AX, cos φ 0.6<br/>Rated power: 3680 W/VA<br/>Detection range: frontal: 16 m, lateral: 16 m<br/>Detection angle: 280 °<br/>Brightness limit value: 0.5 Lux - 300 Lux , Daytime operation<br/>Mounting height: 2.5 m<br/>Protection class (Device): IP 55<br/>Temperature range (Device): -25 °C to 55 °C<br/>Dimensions: (L x W x D): 115 mm x 125 mm x 141 mm</p>  | <b>6867 AGM-201-500</b> | 2CKA006800A2557         | 1               |
|  | <b>6867 AGM-204-500</b> | 2CKA006800A2554         | 1/10            |
|  | <b>6867 AGM-208-500</b> | 2CKA006800A2555         | 1               |
|  | <b>6867 AGM-35-500</b>  | 2CKA006800A2556         | 1               |
|  | brown                   | <b>6867 AGM-201-500</b> | 2CKA006800A2557 |
| white  | <b>6867 AGM-204-500</b> | 2CKA006800A2554         | 1/10            |
| silver metallic  | <b>6867 AGM-208-500</b> | 2CKA006800A2555         | 1               |
| anthracite   | <b>6867 AGM-35-500</b>  | 2CKA006800A2556         | 1               |

<sup>1)</sup>In combination with a relay/contact, an RC suppressor 6899 has to be used.

| Product  | Article-No.         | Order-No.           | Pack/Qty        |
|--|---------------------|---------------------|-----------------|
|  <p><b>Ceiling/corner adapter</b><br/>For Busch-Watchdog 220 MasterLINE.<br/>For Busch-Watchdog 220 MasterLINE select.<br/>For Busch-Watchdog 220 MasterLINE premium.<br/>For Busch-Watchdog 280 MasterLINE.<br/>For Busch-Watchdog 220 MasterLINE KNX.<br/>For Busch-Watchdog 220 MasterLINE KNX premium.<br/>For detection on two sides of the house, in combination with Busch-Watchdog 280. For ceiling mounting of the Busch-Watchdog. To increase the inclination of the Busch-Watchdog 220/280. It is mounted at the corner of the house, on the wall or under the ceiling.<br/>For flush or surface wiring. Mounting height: 2.5 m<br/>Dimensions: (L x W x D): 102 mm x 125 mm x 55 mm</p> | <b>6868-201-500</b> | 2CKA006800A2565     | 1               |
|  | <b>6868-204-500</b> | 2CKA006800A2562     | 1               |
|  | <b>6868-208-500</b> | 2CKA006800A2563     | 1               |
|  | <b>6868-35-500</b>  | 2CKA006800A2564     | 1               |
|  | brown               | <b>6868-201-500</b> | 2CKA006800A2565 |
| white  | <b>6868-204-500</b> | 2CKA006800A2562     | 1               |
| silver metallic  | <b>6868-208-500</b> | 2CKA006800A2563     | 1               |
| anthracite   | <b>6868-35-500</b>  | 2CKA006800A2564     | 1               |

|  |                     |                 |   |
|--|---------------------|-----------------|---|
|  <p><b>IR remote control <sup>1)</sup></b><br/>For Busch-Watchdog 110 MasterLINE.<br/>For Busch-Watchdog 220 MasterLINE.<br/>For Busch-Watchdog 220 MasterLINE select.<br/>For Busch-Watchdog 220 MasterLINE premium.<br/>For Busch-Watchdog 280 MasterLINE.<br/>The following functions can be activated:<br/>Activating/deactivating light ON for 4 hours.<br/>Activating/deactivating light for 4 hours.<br/>Activating/deactivating presence simulation.<br/>Setting / resetting current brightness value as limit value to device settings. With coded transmission signal. Power supply: lithium button cell battery Type CR2025. Battery life: typically 2 years.<br/>Rated voltage: 3 V-. Protection class (Device): IP 40<br/>Temperature range (Device): 0 °C to 45 °C<br/>Dimensions: (L x W x D): 86 mm x 40 mm x 7 mm</p> | <b>6841-101-500</b> | 2CKA006800A2585 | 1 |
|  | <b>6841-101-500</b> | 2CKA006800A2585 | 1 |
|  | <b>6841-101-500</b> | 2CKA006800A2585 | 1 |
|  | <b>6841-101-500</b> | 2CKA006800A2585 | 1 |
|  | <b>6841-101-500</b> | 2CKA006800A2585 | 1 |


<sup>1)</sup>Battery included in delivery.

|   |                     |                 |   |
|---|---------------------|-----------------|---|
|  <p><b>IR service remote control <sup>1)</sup></b><br/>For Busch-Watchdog 110 MasterLINE.<br/>For Busch-Watchdog 220 MasterLINE.<br/>For Busch-Watchdog 220 MasterLINE select.<br/>For Busch-Watchdog 220 MasterLINE premium.<br/>For Busch-Watchdog 280 MasterLINE.<br/>The following functions/settings can be activated depending on device type:<br/>Activating/deactivating light ON for 4 hours.<br/>Activating/deactivating light for 4 hours.<br/>Activating/deactivating presence simulation.<br/>Setting / resetting current brightness value as limit value to device settings. Activating/deactivating test mode. Calling up settings stored in the remote control. Reset to factory default settings. Activate/deactivate dynamic forced switch-off. Activating/deactivating 2-zone operation. Activating/deactivating synchronous mode. Activating/deactivating twilight switch operation. Setting of switch-off delay or short-time pulse. Setting of the brightness limit value. Adjusting the sensitivity. With coded transmission signal. Power supply: lithium button cell battery Type CR2025. Battery life: typically 2 years. Rated voltage: 3 V- Protection class (Device): IP 40<br/>Temperature range (Device): 0 °C to 45 °C<br/>Dimensions: (L x W x D): 125 mm x 56 mm x 10 mm</p> | <b>6842-101-500</b> | 2CKA006800A2583 | 1 |
|   | <b>6842-101-500</b> | 2CKA006800A2583 | 1 |
|   | <b>6842-101-500</b> | 2CKA006800A2583 | 1 |
|   | <b>6842-101-500</b> | 2CKA006800A2583 | 1 |
|   | <b>6842-101-500</b> | 2CKA006800A2583 | 1 |


<sup>1)</sup>Battery included in delivery.

## Movement detector

### Busch-Watchdog, surface-mounted

| Product   | Article-No.   | Order-No.               | Pack/Qty        |      |
|---|---|-------------------------|-----------------|------|
|  | <b>Busch-Watchdog 90 ProfessionalLINE 1)</b><br>Electronic movement detector for detecting thermal motion.<br>With display for detection and operation mode.<br>With ground and rear-field detection.<br>With planar compensation: +/- 30°.<br>With high-quality lens for optimum detection.<br>Surveillance density: 50 sectors with 200 switching segments.<br>With brightness-independent test mode for evaluating the detection zone.<br>Additional possibility for switch-on via normally open push-button switch.<br>Switch-off delay option: 1 / 3 or 5 min.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: ohmic, capacitive and inductive loads<br>Rated current: 16 AX, cos φ 0.6<br>Rated power: 3680 W/VA<br>Detection range: frontal: 12 m, lateral: 6 m<br>Detection angle: 90 °<br>Brightness limit value: 3 Lux / 15 lux / daytime operation<br>Mounting height: 2.5 m<br>Protection class (Device): IP 55<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 102 mm x 97 mm x 159 mm |                         |                 |      |
|   | brown   | <b>6853 AGM-201</b>     | 2CKA006800A2318 | 1    |
|   | alpine white  | <b>6853 AGM-204-500</b> | 2CKA006800A2321 | 1/10 |
|   | anthracite  | <b>6853 AGM-35-500</b>  | 2CKA006800A2322 | 1    |


<sup>1)</sup>In combination with a relay/contactator, an RC suppressor 6899 has to be used.

| Product   | Article-No.  | Order-No.                 | Pack/Qty        |      |
|---|--|---------------------------|-----------------|------|
|  | <b>Busch-Watchdog 220 ProfessionalLINE 1) without IR remote control</b><br>Electronic movement detector for detecting thermal motion.<br>With display for detection and operation mode.<br>With ground and rear-field detection.<br>With planar compensation: +/- 30°.<br>With high-quality lens for optimum detection.<br>Detection sensitivity selectable in 3 steps.<br>Surveillance density: 84 sectors with 336 switching segments.<br>All functions controlled by microprocessor.<br>Always-On (4 hours) and Presencesimulation can be activated via IR-remote control.<br>With automatic range stabilization.<br>With automatic interference suppression.<br>With automatic dazzle-proofing.<br>With brightness-independent test mode for evaluating the detection zone.<br>Additional possibility for switch-on via normally open push-button switch.<br>Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: ohmic, capacitive and inductive loads<br>Rated current: 16 AX, cos φ 0.6<br>Rated power: 3680 W/VA<br>Detection range: frontal: 16 m, lateral: 16 m<br>Detection angle: 220 °<br>Brightness limit value: 0.5 Lux - 300 Lux , Daytime operation<br>Mounting height: 2.5 m<br>Protection class (Device): IP 55<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 102 mm x 97 mm x 159 mm |                           |                 |      |
|   | alpine white   | <b>6845/11AGM-204-500</b> | 2CKA006800A2334 | 1/10 |
|   | brown  | <b>6845/11AGM-201-500</b> | 2CKA006800A2335 | 1    |
|   | anthracite   | <b>6845/11 AGM-35-500</b> | 2CKA006800A2336 | 1    |


<sup>1)</sup>In combination with a relay/contactator, an RC suppressor 6899 has to be used.

## Movement detector

### Busch-Watchdog, surface-mounted

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>WavelINE switch actuator, 1gang, with extension unit <sup>1)</sup></b><br>For wireless switching of electrical loads. Functions via radio control: ON/OFF, timer and light scene control. Functions via the extension unit: ON/OFF, timer and sending a radio control telegram. Operation also possible via conventional push-buttons (2020 US, 2012/6 UK). Actuation of the extension unit (via conventional push-button) causes the output to switch and a radio control telegram to be sent. Actuation of extension unit in ON/OFF function: Alternate sending of an ON/OFF telegram. Actuation of extension unit in timer function: Sending of an ON telegram. For Busch-Watchdog WavelINE. For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx. For remote control WavelINE 6780. Switch-off delay: Adjustable to 5 seconds, 1-5-15 minutes. Repeater function can be activated for extended range. For universal attachment or installation. 3 wire connection (neutral conductor required). For installation in (deep) flush-mounted boxes to German Standard DIN 49073. Controllable up to 32 transmission addresses. Send/receive frequency: 868 MHz. Free-field range: approx. 100 m. Control element: Adjustable potentiometer. Display elements: Status indication of output via LED. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1. Polling voltage: 230 V~, Sensing pulse, L-wire. Outputs: 1x Normally open contact, potential-bound. Suitable for: Resistive load. Rated current: 10 A Output voltage: 230 V~. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Output voltage: 230 V~. Rated power: 2300 VA. Suitable for: inductive. Rated current: 10 A, cos φ 0.6. Output voltage: 230 V~. Rated power: 2300 VA. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 47 mm x 48 mm x 22 mm. Mounting depth: 25 mm. |                 |          |
| studio white  | <b>6701-101-500</b>  | 2CKA006700A0040 | 1/10     |

<sup>1)</sup> For further information please check the current Online-Catalogue.



| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Wireless Communication</b><br>Wireless movement detector for detecting thermal motion. With display for detection and status indication. With ground and rear-field detection. With high-quality lens for optimum detection. Surveillance density: 84 sectors with 336 switching segments. With integrated dismantling protection. All functions controlled by microprocessor. With automatic range stabilization. With automatic interference suppression. With automatic dazzle-proofing. With automatic battery monitoring. Battery service life: typically 5 years, therefore practically maintenance-free. With brightness-independent test mode for evaluating the detection zone. Individual adjustment of detection range via enclosed protective foil which can be cut to size. Combinable with switch actuator WavelINE, 1gang, with extension unit 6701-101. For standalone and group operation. Switch-off delay: 3 min. (single mode), individually adjustable at actuator (group mode). Send frequency: 868 MHz. Free-field range: approx. 100 m. |                 |          |
| white   | <b>6747/AGM-204-500</b>  | 2CKA006700A0035 | 1        |
| brown   | <b>6747/AGM-201-500</b>  | 2CKA006700A0038 | 1        |
| anthracite  | <b>6747/AGM-35-500</b>   | 2CKA006700A0037 | 1        |
| silver metallic   | <b>6747 AGM-208-500</b>  | 2CKA006700A0036 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Watchdog Presence tech BasicLINE <sup>1)</sup></b><br>Electronic movement detector for detecting thermal motion. With ground surveillance. Continuously variable detection sensitivity. Additional possibility for switch-on via normally open push-button switch. Switch-off delay: 1 to 10 min., adjustable. With brightness-independent test mode for evaluating the detection zone. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V- LEDi, typical. Rated power: 300 W Suitable for: 230 V incandescent lamps Rated power: 2000 W Suitable for: 230 V halogen lamps Rated power: 2000 W Detection range: frontal: 12 m, lateral: 12 m Detection angle: 240 ° Brightness limit value: 10 Lux - 200 Lux , Daytime operation Mounting height: 2.5 m Protection class (Device): IP 55 Temperature range (Device): -20 °C to 40 °C Dimensions: (L x W x D): 95 mm x 76 mm x 118 mm |                 |          |
| alpine white  | <b>6844 AGM-204-500</b>   | 2CKA006800A2507 | 1        |

<sup>1)</sup> In combination with a relay/contactor, an RC suppressor 6899 has to be used.



## Movement detector

### Presence detector

| Product   | Article-No.        | Order-No.       | Pack/Qty |
|---|--------------------|-----------------|----------|
|  <p><b>Busch-Watchdog Presence tech BasicLINE mini <sup>1)</sup> <sup>2)</sup></b><br/>           For switching lighting systems that depend on brightness and movement.<br/>           Detection range (installation height 3m, up to 6m in diameter).<br/>           Low mounting height due to separate sensor/actuator concept.<br/>           Continuously variable detection sensitivity.<br/>           With brightness-independent test mode for evaluating the detection zone.<br/>           With detection display in test mode.<br/>           Ceiling installation using integrated spring bracket.<br/>           Surveillance density: 19 sectors with 76 switching segments.<br/>           Switch-off delay: approx. 1 sec - 15 min or short-time pulse adjustable.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V incandescent lamps<br/>           Rated power: 2000 W<br/>           Suitable for: Energy-saving bulbs<br/>           Rated power: 7 - 400 W<br/>           Suitable for: Fluorescent lamps<br/>           Rated current: 4 AX, cos φ 0.5<br/>           Rated power: 1000 W/VA<br/>           Detection angle: 360 °<br/>           Brightness limit value: 10 Lux - 1000 Lux , Daytime operation<br/>           Mounting height: 2 m - 5 m<br/>           Protection class (Device): IP 20<br/>           Protection class (Sensor): IP 40<br/>           Temperature range (Device): 0 °C to 45 °C<br/>           Mounting depth: 77 mm IEC 60669-2-1</p>  | <b>6811 EB-500</b> | 2CKA006800A2517 | 1        |
| alpine white  |                    |                 |          |

<sup>1)</sup> When mounting the actuator through the drilled hole of the sensor an installation depth of ≥ 205 mm is to be taken into account.

<sup>2)</sup> In combination with a relay/contactator, an RC suppressor 6899 has to be used.


| Product  | Article-No.       | Order-No.       | Pack/Qty |
|--|-------------------|-----------------|----------|
|  <p><b>Busch-Watchdog Presence tech BasicLINE <sup>1)</sup> <sup>2)</sup></b><br/>           For switching lighting systems that depend on brightness and movement.<br/>           Detection range (for installation height of 3 m), circular, up to 8 m in diameter.<br/>           For semiautomatic and fully automatic operation.<br/>           Additional activation/deactivation possibility through pushbutton input.<br/>           Adaptation of the detection range possible using the included masking elements.<br/>           With brightness-independent test mode for evaluating the detection zone.<br/>           With detection display in test mode.<br/>           Mounting possibility in combination with built-in installation boxes and device sockets.<br/>           Ceiling installation using integrated spring bracket.<br/>           Adjustment elements accessible on the front side.<br/>           Low mounting height (31 mm)<br/>           Surveillance density: 32 sectors with 128 switching segments.<br/>           Switch-off delay: approx. 5 sec - 30 min or short-time pulse adjustable.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz - 60 Hz<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V incandescent lamps<br/>           Rated power: 2000 W<br/>           Suitable for: Energy-saving bulbs<br/>           Rated power: 7 - 400 W<br/>           Suitable for: Fluorescent lamps<br/>           Rated current: 4 AX, cos φ 0.5<br/>           Rated power: 1000 W/VA<br/>           Detection angle: 360 °<br/>           Brightness limit value: 10 Lux - 2000 Lux<br/>           Mounting height: 2 m - 4 m<br/>           Protection class (Device): IP 40<br/>           Temperature range (Device): 0 °C to 45 °C<br/>           Dimensions: (L x W x D): 111 mm x 111 mm x 59 mm<br/>           Mounting depth: 41 mm IEC 60669-2-1</p>  | <b>6814 U-500</b> | 2CKA006800A2518 | 1/24     |
| alpine white   |                   |                 |          |

<sup>1)</sup> The detection range with a central approach is reduced.

<sup>2)</sup> In combination with a relay/contactator, an RC suppressor 6899 has to be used.

## Movement detector


### Presence detector



| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Watchdog Presence tech BasicLINE Corridor <sup>1)</sup> <sup>2)</sup> <sup>3)</sup></b><br>For switching lighting systems that depend on brightness and movement.<br>Detection range (for installation height of 2.5 m, circular, up to 24 m in diameter).<br>Additional activation/deactivation possibility through pushbutton input.<br>Adaptation of the detection range possible using the included masking elements.<br>With brightness-independent test mode for evaluating the detection zone.<br>With detection display in test mode.<br>With automatic motion detection.<br>With automatic sensitivity adaptation.<br>Mounting possibility in combination with built-in installation boxes and device sockets.<br>Ceiling installation using included dust protection socket.<br>Adjustment elements accessible on the front side.<br>Surveillance density: 215 sectors with 860 switching segments.<br>Switch-off delay: approx. 10 sec - 30 min or short-time pulse adjustable.<br>Remote control possible via IR service remote control 6843.<br>Use outdoors possible due to combination with surface-mounted housing 6888.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 2000 W<br>Suitable for: Energy-saving bulbs<br>Rated power: 7 - 400 W<br>Suitable for: Fluorescent lamps<br>Rated current: 4 AX, cos φ 0.5<br>Rated power: 1000 W/VA<br>Detection angle: 360 °<br>Brightness limit value: 10 Lux - 2000 Lux<br>Mounting height: 2 m - 3 m<br>Protection class (Device): IP 40<br>Temperature range (Device): -20 °C to 45 °C<br>Dimensions: (L x W x D): 110 mm x 110 mm x 70 mm<br>Mounting depth: 48 mm IEC 60669-2-1 |                 |          |
| alpine white  | <b>6818 U-500</b>   | 2CKA006800A2519 | 1/18     |

<sup>1)</sup> The maximum detection range depends on the mounting site and ambient conditions.

<sup>2)</sup> The detection range with a central approach is reduced.

<sup>3)</sup> In combination with a relay/contactors, an RC suppressor 6899 has to be used.









| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Surface-mounting box</b><br>For Busch-Watchdog Presence tech BasicLINE Corridor 6818 U.<br>For surface mounting and increase of the protection type.<br>Protection class (Device): IP 54<br>Temperature range (Device): -20 °C to 45 °C<br>Dimensions: (L x W x D): 106 mm x 106 mm x 26 mm |                 |          |
| alpine white  | <b>6888</b>  | 2CKA006899A2305 | 1/90     |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Protective basket</b><br>For Busch-Presence detector sensors 6813- to -102.<br>For Busch-Watchdog Presence tech BasicLINE 6814 U. For Busch-Watchdog Presence tech BasicLINE Corridor 6818 U. For all Busch-Smoke alarm detectors ProfessionalLINE. For all Busch-Heat alarm detectors ProfessionalLINE. Busch-Smoke alarm detector 6831-84 and 6832-84. For Busch-Presence detector mini KNX 6131/20-xxx and 6131/21-xxx.<br>For Busch-Presence detector KNX 6131/30-xxx and 6131/31-xxx. For Busch-Watchdog Sky KNX 6131/40-24. For Busch-Presence detector Corridor KNX 6131/50-xxx and 6131/51-xxx.                                       |                 |          |
| alpine white  | <b>6898</b>  | 2CKA006899A2304 | 1/12     |
|  | <b>IR service remote control <sup>1)</sup></b><br>For Busch-Watchdog Presence tech BasicLINE Corridor 6818 U. The following functions/settings can be implemented. Continuous light on/off (8 h).<br>Setting of the brightness limit value.<br>Setting of the current ambient light value as the brightness limit value. Setting of switch-off delay or short-time pulse.<br>Saving and duplication of the saved values.<br>Activate test mode. Reset to factory default settings.<br>Activation/deactivation of the button lock.<br>Power supply: lithium button cell battery Type CR2032.<br>Range: frontal 3 m. Battery included in delivery. |                 |          |
|   | <b>6843</b>  | 2CKA006800A2511 | 1/120    |

<sup>1)</sup> Battery included in delivery.

## Movement detector









### Presence detector

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Presence detector Compact, relay 1) 2) 3)<br/>8 metres</b>   |                 |          |
|   | Master presence detector with mixed light measurement.<br>For switching lighting systems that depend on brightness and movement.<br>With power relays for LED operation.<br>Detection range (for installation height of 3 m): circular<br>Seated persons: up to Ø 6.5 m, walking persons: up to Ø 8 m.<br>Extension of the detection range by means of master/slave combination.<br>Visible height 23 mm.<br>For semiautomatic and fully automatic operation.<br>Additional activation/deactivation possibility through pushbutton input.<br>With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br>With brightness-independent test mode for evaluating the detection zone.<br>With teach-in function of the brightness switching threshold, IR service remote control required.<br>With detection display in test mode.<br>Ceiling installation using integrated spring bracket.<br>Twist protection via additional quick tensioning.<br>Adjustment elements accessible on the front side.<br>Surveillance density: 48 sectors with 496 switching segments.<br>Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.<br>Remote control possible via IR service remote control 6843.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Display elements: LED detection and status indication.<br>Rated voltage: 110 - 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 2300 W<br>Suitable for: 230 V~ LEDi<br>Rated power: 200 W/VA<br>Suitable for: Fluorescent lamps<br>Rated current: 10 AX, cos φ 0.9<br>Detection angle: 360 °<br>Brightness limit value: 5 Lux - 2000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 40<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm<br>Mounting depth: 49 mm60669-2-1 |                 |          |
|   |          |                 |          |
| studio white matt   | <b>6819/60-24-500</b>   | 2CKA006800A2733 | 1        |
| aluminium silver  | <b>6819/60-183-500</b>  | 2CKA006800A2767 | 1        |

<sup>1)</sup> The detection range with a central approach is reduced.

<sup>2)</sup> In combination with a relay/contact, an RC suppressor 6899 has to be used.

<sup>3)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch-Presence detector Universal, relay 1) 2) 3)<br/>12 metres</b>  |                 |          |
|   | Master presence detector with mixed light measurement.<br>For switching lighting systems that depend on brightness and movement.<br>With power relays for LED operation.<br>Detection range (for installation height of 3 m): circular<br>Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.<br>Extension of the detection range by means of master/slave combination.<br>Visible height 23 mm.<br>For semiautomatic and fully automatic operation.<br>Additional activation/deactivation possibility through pushbutton input.<br>With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br>With brightness-independent test mode for evaluating the detection zone.<br>With teach-in function of the brightness switching threshold, IR service remote control required.<br>With detection display in test mode.<br>Ceiling installation using integrated spring bracket.<br>Twist protection via additional quick tensioning.<br>Adjustment elements accessible on the front side.<br>Surveillance density: 72 sectors with 640 switching segments.<br>Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.<br>Remote control possible via IR service remote control 6843.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Display elements: LED detection and status indication.<br>Rated voltage: 110 - 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 2300 W<br>Suitable for: 230 V~ LEDi<br>Rated power: 200 W/VA<br>Suitable for: Fluorescent lamps<br>Rated current: 10 AX, cos φ 0.9<br>Detection angle: 360 °<br>Brightness limit value: 5 Lux - 2000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 40<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm<br>Mounting depth: 49 mm60669-2-1 |                 |          |
|   |         |                 |          |
| studio white matt   | <b>6819/30-24-500</b>   | 2CKA006800A2735 | 1        |
| aluminium silver  | <b>6819/30-183-500</b>  | 2CKA006800A2769 | 1        |


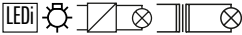
<sup>1)</sup> The detection range with a central approach is reduced.

<sup>2)</sup> In combination with a relay/contact, an RC suppressor 6899 has to be used.

<sup>3)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg


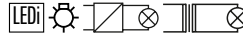
## Movement detector

### Presence detector

| Product   | Article-No.   | Order-No.              | Pack/Qty        |   |
|---|---|------------------------|-----------------|---|
|  | <b>Busch-Presence detector Compact, e-contact <sup>1) 2)</sup></b><br><b>8 metres</b><br>Master presence detector with mixed light measurement.<br>For switching lighting systems that depend on brightness and movement.<br>With electronic switch contact for LED operation.<br>Detection range (for installation height of 3 m): circular<br>Seated persons: up to Ø 6.5 m, walking persons: up to Ø 8 m.<br>Extension of the detection range by means of master/slave combination.<br>Visible height 23 mm.<br>For semiautomatic and fully automatic operation.<br>Additional activation/deactivation possibility through pushbutton input.<br>With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br>With brightness-independent test mode for evaluating the detection zone.<br>With teach-in function of the brightness switching threshold, IR service remote control required.<br>With detection display in test mode.<br>Ceiling installation using integrated spring bracket.<br>Twist protection via additional quick tensioning.<br>Adjustment elements accessible on the front side.<br>Surveillance density: 48 sectors with 496 switching segments.<br>Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.<br>Remote control possible via IR service remote control 6843.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Display elements: LED detection and status indication.<br>Rated voltage: 110 - 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 3 - 200 W<br>Suitable for: 230 V~ LEDi<br>Rated power: 3 - 200 W/VA<br>Detection angle: 360 °<br>Brightness limit value: 5 Lux - 2000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 40<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 59 mm<br>Mounting depth: 36 mm60669-2-1<br> |                        |                 |   |
|   | studio white matt   | <b>6817/62-24-500</b>  | 2CKA006800A2737 | 1 |
|   | aluminium silver  | <b>6817/62-183-500</b> | 2CKA006800A2771 | 1 |

<sup>1)</sup> The detection range with a central approach is reduced.

<sup>2)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg


| Product   | Article-No.   | Order-No.              | Pack/Qty        |   |
|---|---|------------------------|-----------------|---|
|  | <b>Busch-Presence detector Universal, e-contact <sup>1) 2)</sup></b><br><b>12 metres</b><br>Master presence detector with mixed light measurement.<br>For switching lighting systems that depend on brightness and movement.<br>With electronic switch contact for LED operation.<br>Detection range (for installation height of 3 m): circular<br>Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.<br>Extension of the detection range by means of master/slave combination.<br>Visible height 23 mm.<br>For semiautomatic and fully automatic operation.<br>Additional activation/deactivation possibility through pushbutton input.<br>With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br>With brightness-independent test mode for evaluating the detection zone.<br>With teach-in function of the brightness switching threshold, IR service remote control required.<br>With detection display in test mode.<br>Ceiling installation using integrated spring bracket.<br>Twist protection via additional quick tensioning.<br>Adjustment elements accessible on the front side.<br>Surveillance density: 72 sectors with 640 switching segments.<br>Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.<br>Remote control possible via IR service remote control 6843.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Display elements: LED detection and status indication.<br>Rated voltage: 110 - 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 3 - 200 W<br>Suitable for: 230 V~ LEDi<br>Rated power: 3 - 200 W/VA<br>Detection angle: 360 °<br>Brightness limit value: 5 Lux - 2000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 40<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 59 mm<br>Mounting depth: 36 mm60669-2-1<br> |                        |                 |   |
|   | studio white matt   | <b>6817/32-24-500</b>  | 2CKA006800A2739 | 1 |
|   | aluminium silver  | <b>6817/32-183-500</b> | 2CKA006800A2773 | 1 |

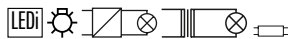
<sup>1)</sup> The detection range with a central approach is reduced.


<sup>2)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

## Movement detector

### Presence detector

| Product   | Article-No.   | Order-No.       | Pack/Qty |  |
|---|---|-----------------|----------|--|
|  | <b>Busch-Presence detector Corridor, relay <sup>1)</sup> <sup>2)</sup> 24 meters</b><br>Master presence detector with mixed light measurement.<br>For switching lighting systems that depend on brightness and movement.<br>With power relays for LED operation.<br>Detection range (for installation height of 3 m): rectangular<br>Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector 14 m x 3 m.<br>Extension of the detection range by means of master/slave combination.<br>Mounting height 27 mm.<br>For semiautomatic and fully automatic operation.<br>Additional activation/deactivation possibility through pushbutton input.<br>With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br>With brightness-independent test mode for evaluating the detection zone.<br>With teach-in function of the brightness switching threshold, IR service remote control required.<br>With detection display in test mode.<br>Ceiling installation using integrated spring bracket.<br>Twist protection via additional quick tensioning.<br>Adjustment elements accessible on the front side.<br>Surveillance density: 92 sectors with 368 switching segments<br>Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.<br>Remote control possible via IR service remote control 6843.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Display elements: LED detection and status indication.<br>Rated voltage: 110 - 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 2300 W<br>Suitable for: 230 V~ LEDi<br>Rated power: 200 W/VA<br>Suitable for: Fluorescent lamps<br>Rated current: 10 AX, cos φ 0.9<br>Detection angle: 360 °<br>Brightness limit value: 5 Lux - 2000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 40<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 76 mm<br>Mounting depth: 49 mm60669-2-1 |                 |          |  |
| studio white matt   | <b>6819/50-24-500</b>   | 2CKA006800A2797 | 1        |  |
| aluminium silver  | <b>6819/50-183-500</b>  | 2CKA006800A2799 | 1        |  |



| Product   | Article-No.  | Order-No.       | Pack/Qty |  |
|---|--|-----------------|----------|--|
|  | <b>Busch-Presence detector Universal BT, relay <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> 12 meters</b><br>Master presence detector with mixed light measurement.<br>For switching lighting systems that depend on brightness and movement.<br>With Bluetooth interface for parameterization and operation.<br>Adjustment of all setting options via smartphone or tablet.<br>Light control via smartphone or tablet app.<br>With power relays for LED operation.<br>Detection range (for installation height of 3 m): circular<br>Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.<br>Extension of the detection range by means of master/slave combination.<br>Visible height 23 mm.<br>For semi-automatic, comfort and fully automatic operation.<br>Additional activation/deactivation possibility through pushbutton input.<br>With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br>With selectable presence simulation in case of non-presence. With integrated storage of ON period (energy monitor). With brightness-independent test mode for evaluating the detection zone.<br>With detection display in test mode.<br>Ceiling installation using integrated spring bracket.<br>Twist protection via additional quick tensioning.<br>Adjustment elements accessible on the front side.<br>Surveillance density: 72 sectors with 640 switching segments. Individual deactivation and adjustment of sensitivity of individual sensors possible.<br>Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. With selectable dynamic switch-off delay. Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Display elements: LED detection and status indication.<br>Rated voltage: 110 - 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 2300 W<br>Suitable for: 230 V~ LEDi<br>Rated power: 200 W/VA<br>Suitable for: Fluorescent lamps<br>Rated current: 10 AX, cos φ 0.9<br>Detection angle: 360 °<br>Brightness limit value: 5 Lux - 2000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 40<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm<br>Mounting depth: 49 mm60669-2-1 |                 |          |  |
| studio white matt   | <b>6819/31-24-500</b>  | 2CKA006800A2741 | 1        |  |
| aluminium silver  | <b>6819/31-183-500</b>   | 2CKA006800A2775 | 1        |  |



<sup>1)</sup> In combination with a relay/contact, an RC suppressor 6899 has to be used.

<sup>2)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

<sup>1)</sup> The detection range with a central approach is reduced.

<sup>2)</sup> In combination with a relay/contact, an RC suppressor 6899 has to be used.



<sup>3)</sup> Free app for iOS and Android available in the App Store or Play Store.

<sup>4)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg



# Movement detector



## Presence detector

| Product   | Article-No.  | Order-No.       | Pack/Qty |  |
|---|--|-----------------|----------|--|
|  | <b>Busch-Presence detector Universal BT, e-contact <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> 12 meters</b><br>Master presence detector with mixed light measurement.<br>For switching lighting systems that depend on brightness and movement.<br>With Bluetooth interface for parameterization and operation.<br>Adjustment of all setting options via smartphone or tablet.<br>Light control via smartphone or tablet app.<br>With electronic switch contact for LED operation.<br>With selectable soft ON/OFF function.<br>Detection range (for installation height of 3 m): circular<br>Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.<br>Extension of the detection range by means of master/slave combination.<br>Visible height 23 mm.<br>For semi-automatic, comfort and fully automatic operation. Additional activation/deactivation possibility through pushbutton input.<br>With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br>With selectable presence simulation in case of non-presence. With integrated storage of ON period (energy monitor). With brightness-independent test mode for evaluating the detection zone.<br>With detection display in test mode.<br>Ceiling installation using integrated spring bracket.<br>Twist protection via additional quick tensioning.<br>Adjustment elements accessible on the front side.<br>Surveillance density: 72 sectors with 640 switching segments. Individual deactivation and adjustment of sensitivity of individual sensors possible.<br>Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.<br>With selectable dynamic switch-off delay.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Display elements: LED detection and status indication.<br>Rated voltage: 110 - 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 3 - 200 W<br>Suitable for: 230 V~ LEDi<br>Rated power: 3 - 200 W/VA<br>Detection angle: 360 °<br>Brightness limit value: 5 Lux - 2000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 40<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 59 mm<br>Mounting depth: 36 mm60669-2-1 |                 |          |  |
|   |   |                 |          |  |
| studio white matt   | <b>6817/33-24-500</b>  | 2CKA006800A2743 | 1        |  |
| aluminium silver  | <b>6817/33-183-500</b>   | 2CKA006800A2777 | 1        |  |

<sup>1)</sup> The detection range with a central approach is reduced.

<sup>2)</sup> Free app for iOS and Android available in the App Store or Play Store.

<sup>3)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

| Product   | Article-No.  | Order-No.       | Pack/Qty |  |
|---|--|-----------------|----------|--|
|  | <b>Busch-Presence detector Universal BT, e-contact with sealing ring <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> 12 meters</b><br>Master presence detector with mixed light measurement.<br>For switching lighting systems that depend on brightness and movement.<br>With Bluetooth interface for parameterization and operation.<br>Adjustment of all setting options via smartphone or tablet.<br>Light control via smartphone or tablet app.<br>With electronic switch contact for LED operation.<br>With selectable soft ON/OFF function.<br>Detection range (for installation height of 3 m): circular<br>Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.<br>Extension of the detection range by means of master/slave combination. Visible height 23 mm.<br>For semi-automatic, comfort and fully automatic operation. Additional activation/deactivation possibility through pushbutton input. With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br>With selectable presence simulation in case of non-presence. With integrated storage of ON period (energy monitor). With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 72 sectors with 640 switching segments.<br>Individual deactivation and adjustment of sensitivity of individual sensors possible.<br>Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.<br>With selectable dynamic switch-off delay.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Display elements: LED detection and status indication.<br>Rated voltage: 110 - 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz - 60 Hz<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V incandescent lamps<br>Rated power: 3 - 200 W<br>Suitable for: 230 V~ LEDi<br>Rated power: 3 - 200 W/VA<br>Detection angle: 360 °<br>Brightness limit value: 5 Lux - 2000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 41<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 59 mm<br>Mounting depth: 36 mm60669-2-1 |                 |          |  |
|   |    |                 |          |  |
| alpine white  | <b>6817/93-204-500</b>   | 2CKA006800A2803 | 1        |  |
| aluminium silver  | <b>6817/93-183-500</b>   | 2CKA006800A2805 | 1        |  |











<sup>1)</sup> The detection range with a central approach is reduced.

<sup>2)</sup> Free app for iOS and Android available in the App Store or Play Store.

<sup>3)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

## Movement detector












### Presence detector

| Product   | Article-No.            | Order-No.       | Pack/Qty |
|---|------------------------|-----------------|----------|
|  <p><b>Busch-Presence detector Corridor BT, relay <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/> <b>30 metres</b><br/> Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With Bluetooth interface for parameterization and operation. Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app. With power relays for LED operation. Detection range (for installation height of 3 m): rectangular<br/> Walking persons: crosswise to the detector 30 m x 3 m, frontal 20 m x 3 m.<br/> Extension of the detection range by means of master/slave combination.<br/> Mounting height 27 mm.<br/> For semi-automatic, comfort and fully automatic operation.<br/> Additional activation/deactivation possibility through pushbutton input.<br/> With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br/> With selectable presence simulation in case of non-presence.<br/> With integrated storage of ON period (energy monitor).<br/> With brightness-independent test mode for evaluating the detection zone.<br/> With detection display in test mode.<br/> Ceiling installation using integrated spring bracket.<br/> Twist protection via additional quick tensioning.<br/> Adjustment elements accessible on the front side.<br/> Surveillance density: 92 sectors with 368 switching segments. Individual deactivation and adjustment of sensitivity of individual sensors possible.<br/> Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.<br/> With selectable dynamic switch-off delay.<br/> Suitable for false ceilings with a board thickness from 9 to 25 mm.<br/> Hole size: Ø 68 mm.<br/> Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/> Display elements: LED detection and status indication.<br/> Rated voltage: 110 - 230 V~, +10 % / -10 %<br/> Rated frequency: 50 Hz - 60 Hz<br/> Outputs: 1x Normally open contact, potential-bound<br/> Suitable for: 230 V incandescent lamps<br/> Rated power: 2300 W<br/> Suitable for: 230 V~ LEDi<br/> Rated power: 200 W/VA<br/> Suitable for: Fluorescent lamps<br/> Rated current: 10 AX, cos φ 0.9<br/> Detection angle: 360 °<br/> Brightness limit value: 5 Lux - 2000 Lux<br/> Mounting height: 2 m - 4 m<br/> Protection class (Device): IP 40<br/> Temperature range (Device): -5 °C to 45 °C<br/> Dimensions: (L x W x D): 94 mm x 94 mm x 76 mm<br/> Mounting depth: 49 mm60669-2-1</p> <p>        </p> | <b>6819/51-24-500</b>  | 2CKA006800A2745 | 1        |
| <p>studio white matt</p>  |                        |                 |          |
| <p>aluminium silver</p>   | <b>6819/51-183-500</b> | 2CKA006800A2779 | 1        |

<sup>1)</sup> In combination with a relay/contact, an RC suppressor 6899 has to be used.

<sup>2)</sup> Free app for iOS and Android available in the App Store or Play Store.

<sup>3)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

| Product   | Article-No.            | Order-No.       | Pack/Qty |
|---|------------------------|-----------------|----------|
|  <p><b>Busch-Presence detector Universal BT, DALI <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup></b><br/> <b>12 metres</b><br/> Master presence detector with mixed light measurement.<br/> For regulating and switching of DALI operating devices that depend on brightness and movement.<br/> For DALI broadcast operation (central telegram).<br/> Supplies the required voltage for additional DALI operating units and controllers. Suitable for up to 45 DALI operating devices. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/> Colour temperature can then be set between 2,700 K - 6,500 K.<br/> With additional switching output for the activation of heating, air conditioning and ventilation or for switching additional loads (e.g. panel light). Configuration possible up to the complete deactivation of the DALI operating devices. With Bluetooth interface for parameterization and operation. Adjustment of all setting options via smartphone or tablet.<br/> Light control via smartphone or tablet app.<br/> Detection range (for installation height of 3 m): circular<br/> Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.<br/> Extension of the detection range by means of master/slave combination.<br/> Visible height 23 mm.<br/> For semi-automatic, comfort and fully automatic operation.<br/> Additional activation/deactivation possibility through pushbutton input.<br/> With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br/> With time-controlled basic illumination function.<br/> With selectable warm-up function for fluorescent lamps.<br/> With 2-step automatic switch-off (according to EnEV / EN 15232).<br/> With time-controlled night anti-glare function.<br/> With selectable presence simulation in case of non-presence.<br/> With integrated storage of ON period (energy monitor).<br/> With brightness-independent test mode for evaluating the detection zone. With teach-in function of the brightness switching threshold, IR service remote control required. With detection display in test mode.<br/> Ceiling installation using integrated spring bracket.<br/> Twist protection via additional quick tensioning.<br/> Adjustment elements accessible on the front side.<br/> Surveillance density: 72 sectors with 640 switching segments.<br/> Individual deactivation and adjustment of sensitivity of individual sensors possible.<br/> Switch-off delay: approx. 1 min. - 30 min. adjustable.<br/> With selectable dynamic switch-off delay.<br/> Suitable for false ceilings with a board thickness from 9 to 25 mm.<br/> Hole size: Ø 68 mm.<br/> Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/> Display elements: LED detection and status indication.<br/> Rated voltage: 110 - 230 V~, +10 % / -10 %<br/> Rated frequency: 50 Hz - 60 Hz<br/> Outputs: 1x Normally open contact, potential-bound<br/> Suitable for: 230 V incandescent lamps<br/> Rated power: 1380 W<br/> Suitable for: 230 V~ LEDi<br/> Rated power: 200 W/VA<br/> Suitable for: Fluorescent lamps<br/> Rated current: 6 AX, cos φ 0.9<br/> Control/Signal outputs: 1, DALI channels, independent<br/> Rated current: 100 mA<br/> Output voltage: 16 V-<br/> Detection angle: 360 °<br/> Brightness limit value: 5 Lux - 2000 Lux<br/> Mounting height: 2 m - 4 m<br/> Protection class (Device): IP 40<br/> Temperature range (Device): -5 °C to 45 °C<br/> Dimensions: (L x W x D): 94 mm x 94 mm x 83 mm<br/> Mounting depth: 60 mm60669-2-1</p> <p>         </p> | <b>6819/35-24-500</b>  | 2CKA006800A2747 | 1        |
| <p>studio white matt</p>  |                        |                 |          |
| <p>aluminium silver</p>   | <b>6819/35-183-500</b> | 2CKA006800A2781 | 1        |

<sup>1)</sup> The detection range with a central approach is reduced.












<sup>2)</sup> In combination with a relay/contact, an RC suppressor 6899 has to be used.

<sup>3)</sup> Free app for iOS and Android available in the App Store or Play Store.

<sup>4)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

# Movement detector



## Presence detector

| Product  | Article-No.            | Order-No.       | Pack/Qty |
|--|------------------------|-----------------|----------|
|  <p><b>Busch-Presence detector Corridor BT, DALI 1) 2) 3) 30 metres</b><br/>Master presence detector with mixed light measurement.<br/>For regulating and switching of DALI operating devices that depend on brightness and movement.<br/>For DALI broadcast operation (central telegram).<br/>Supplies the required voltage for additional DALI operating units and controllers. Suitable for up to 45 DALI operating devices. For changing the colour temperature of "tunable white" lamps, which meet DALI Standard IEC 62386-209 (Device Type 8).<br/>Colour temperature can then be set between 2,700 K - 6,500 K.<br/>With additional switching output for the activation of heating, air conditioning and ventilation or for switching additional loads (e.g. panel light). Configuration possible up to the complete deactivation of the DALI operating devices.<br/>With Bluetooth interface for parameterization and operation.<br/>Adjustment of all setting options via smartphone or tablet.<br/>Light control via smartphone or tablet app.<br/>Detection range (for installation height of 3 m): rectangular<br/>Walking persons: crosswise to the detector 30 m x 3 m, frontal 20 m x 3 m.<br/>Extension of the detection range by means of master/slave combination.<br/>Mounting height 27 mm.<br/>For semi-automatic, comfort and fully automatic operation.<br/>Additional activation/deactivation possibility through pushbutton input.<br/>With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible.<br/>With time-controlled basic illumination function.<br/>With selectable warm-up function for fluorescent lamps.<br/>With 2-step automatic switch-off (according to EnEV / EN 15232).<br/>With time-controlled night anti-glare function.<br/>With selectable presence simulation in case of non-presence.<br/>With integrated storage of ON period (energy monitor).<br/>With brightness-independent test mode for evaluating the detection zone. With teach-in function of the brightness switching threshold, IR service remote control required. With detection display in test mode.<br/>Ceiling installation using integrated spring bracket.<br/>Twist protection via additional quick tensioning.<br/>Adjustment elements accessible on the front side.<br/>Surveillance density: 92 sectors with 368 switching segments.<br/>Individual deactivation and adjustment of sensitivity of individual sensors possible.<br/>Switch-off delay: approx. 1 min. - 30 min. adjustable.<br/>With selectable dynamic switch-off delay.<br/>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br/>Hole size: Ø 68 mm.<br/>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/>Display elements: LED detection and status indication.<br/>Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 1x Normally open contact, potential-bound<br/>Suitable for: 230 V incandescent lamps<br/>Rated power: 1380 W<br/>Suitable for: 230 V~ LEDi<br/>Rated power: 200 W/VA<br/>Suitable for: Fluorescent lamps<br/>Rated current: 6 AX, cos φ 0.9<br/>Control/Signal outputs: 1, DALI channels, independent<br/>Rated current: 100 mA<br/>Output voltage: 16 V-<br/>Detection angle: 360 °<br/>Brightness limit value: 5 Lux - 2000 Lux<br/>Mounting height: 2 m - 4 m<br/>Protection class (Device): IP 40<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 94 mm x 94 mm x 87 mm<br/>Mounting depth: 60 mm60669-2-1</p> <p>         </p> | <b>6819/55-24-500</b>  | 2CKA006800A2749 | 1        |
| studio white matt  |                        |                 |          |
| aluminium silver   | <b>6819/55-183-500</b> | 2CKA006800A2783 | 1        |

<sup>1)</sup> In combination with a relay/contactor, an RC suppressor 6899 has to be used.


<sup>2)</sup> Free app for iOS and Android available in the App Store or Play Store.

<sup>3)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

| Product   | Article-No.            | Order-No.       | Pack/Qty |
|---|------------------------|-----------------|----------|
|  <p><b>Busch-Presence detector Compact, slave 1) 8 metres</b><br/>Slave presence detector for extension of the detection range of master presence detectors.<br/>Detection range (for installation height of 3 m): circular<br/>Seated persons: up to Ø 6.5 m, walking persons: up to Ø 8 m.<br/>Visible height 23 mm.<br/>Ceiling installation using integrated spring bracket.<br/>Twist protection via additional quick tensioning.<br/>Surveillance density: 48 sectors with 496 switching segments.<br/>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br/>Hole size: Ø 68 mm.<br/>Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Detection angle: 360 °<br/>Mounting height: 2 m - 4 m<br/>Protection class (Device): IP 40<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm<br/>Mounting depth: 49 mm</p>            | <b>6819/68-24-500</b>  | 2CKA006800A2751 | 1        |
| studio white matt   |                        |                 |          |
| aluminium silver  | <b>6819/68-183-500</b> | 2CKA006800A2785 | 1        |
| <sup>1)</sup> The detection range with a central approach is reduced.   |                        |                 |          |
|  <p><b>Busch-Presence detector Universal, slave 1) 2) 3) 12 metres</b><br/>Slave presence detector for extension of the detection range of master presence detectors.<br/>Detection range (for installation height of 3 m): circular<br/>Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.<br/>Visible height 23 mm.<br/>Ceiling installation using integrated spring bracket.<br/>Twist protection via additional quick tensioning.<br/>Surveillance density: 72 sectors with 640 switching segments.<br/>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br/>Hole size: Ø 68 mm.<br/>Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Detection angle: 360 °<br/>Mounting height: 2 m - 4 m<br/>Protection class (Device): IP 40<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm<br/>Mounting depth: 49 mm</p> | <b>6819/38-24-500</b>  | 2CKA006800A2753 | 1        |
| studio white matt   |                        |                 |          |
| aluminium silver  | <b>6819/38-183-500</b> | 2CKA006800A2787 | 1        |
| <sup>1)</sup> The detection range with a central approach is reduced.   |                        |                 |          |
| <sup>2)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg   |                        |                 |          |


## Movement detector

### Presence detector


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Presence detector Universal, slave, DALI <sup>1)</sup> <sup>2)</sup> 12 meters</b>  |                 |          |
|   | <p>DALI slave presence detector for extension of the detection range of DALI master presence detectors. For the supply of operating voltage via the DALI master. Power consumption on the DALI bus: max. 10 mA, corresponds to approx. 5 DALI operating devices. The communication with the DALI master is carried out via the DALI interface. Detection range (for installation height of 3 m): circular. Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Visible height 23 mm. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Surveillance density: 72 sectors with 640 switching segments. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Rated voltage: 95 - 22.5 V-<br/>Detection angle: 360 °<br/>Mounting height: 2 m - 4 m<br/>Protection class (Device): IP 40<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 94 mm x 94 mm x 72 mm<br/>Mounting depth: 49 mm</p> |                 |          |
| studio white matt   | <b>6819/39-24-500</b>  | 2CKA006800A2759 | 1        |
| aluminium silver  | <b>6819/39-183-500</b>   | 2CKA006800A2793 | 1        |

<sup>1)</sup> The detection range with a central approach is reduced.


<sup>2)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>Busch-Presence detector Corridor, slave, DALI <sup>1)</sup> 30 metres</b>  |                 |   |
|   | <p>DALI slave presence detector for extension of the detection range of DALI master presence detectors. For the supply of operating voltage via the DALI master. Power consumption on the DALI bus: max. 10 mA, corresponds to approx. 5 DALI operating devices. The communication with the DALI master is carried out via the DALI interface. Detection range (for installation height of 3 m): rectangular. Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector 14 m x 3 m. Mounting height 27 mm. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Surveillance density: 92 sectors with 368 switching segments. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Rated voltage: 95 - 22.5 V-<br/>Detection angle: 360 °<br/>Mounting height: 2 m - 4 m<br/>Protection class (Device): IP 40<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 94 mm x 94 mm x 76 mm<br/>Mounting depth: 49 mm</p> |                 |   |
| studio white matt   | <b>6819/59-24-500</b>   | 2CKA006800A2761 | 1 |
| aluminium silver  | <b>6819/59-183-500</b>  | 2CKA006800A2795 | 1 |

<sup>1)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Busch extension unit coupling <sup>1)</sup></b>  |                 |          |
|   | <p>For transmitting different control commands via a single conductor wire. For devices with intelligent extension input. For operation via conventional push-buttons 2020 US and 2021/6 U. For operation via conventional 2gang push-buttons 2020 US-205 and 2021/6/6 U. For universal attachment or installation. For installation in (deep) flush-mounted boxes to German Standard DIN 49073. Including compact connecting terminal for cable connection. Cable length: approx. 80 mm. Rated voltage: 110 - 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Inputs: 2<br/>Protection class (Device): IP 20<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 33 mm x 45 mm x 8.5 mm</p> |                 |          |
|   | <b>6494-500</b>   | 2CKA006499A0002 | 1        |


<sup>1)</sup> To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

|   |   |                 |   |
|---|---|-----------------|---|
|  | <b>ABB flexTronic presence detector, universal Sensor <sup>1)</sup> <sup>2)</sup> 12 meters</b>   |                 |   |
|   | <p>Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Extension of the detection range by means of master/slave combination. Mounting height: 35 mm For semiautomatic and fully automatic operation. Additional activation/deactivation possibility through pushbutton input. With continuous light/duration-off function (8 hrs), IR service remote control necessary. With teach-in function of the brightness switching threshold, IR service remote control required. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Remote control possible via IR service remote control 6843. Adjustment elements accessible on the front side. Surveillance density: 72 sectors with 640 switching segments. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. For Universal relay insert 6440/01 U. For Universal e-contact insert 6440/04 U. For Universal slave insert 6440/05 U.</p> |                 |   |
| studio white matt   | <b>64753-24-500</b>   | 2CKA006800A3027 | 1 |
| aluminium silver  | <b>64753-183-500</b>  | 2CKA006800A3029 | 1 |

<sup>1)</sup> The detection range with a central approach is reduced.




<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Please order the respective flush-mounted insert separately.



|   |  |                 |   |
|---|--|-----------------|---|
|  | <b>ABB flexTronic presence detector flex set with universal sensor and relay insert</b>  |                 |   |
|   | <p>Modular presence detector with universal lens (set packaging). Detection range (for mounting height 6 m and 12 m): circular. Walking persons Ø: max. 18 m and 24 m.</p> |                 |   |
|   | <b>64753 U-24-500</b>  | 2CKA006800A3038 | 1 |

## Movement detector

### Presence detector




| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|    | <b>ABB flexTronic presence detector, sky sensor</b><br>Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. Detection range (for mounting height 6 m and 12 m): circular. Walking persons Ø: max. 18 m and 24 m. Extension of the detection range by means of master/slave combination. Mounting height: 35 mm. For semiautomatic and fully automatic operation. Additional activation/deactivation possibility through pushbutton input. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Adjustment elements accessible on the front side. Surveillance density: 72 sectors with 640 switching segments. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. Compatible with all free@home flex inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. |                 |          |
| studio white matt   | <b>64754-24-500</b>   | 2CKA006800A3031 | 1        |
| aluminium silver  | <b>64754-183-500</b>  | 2CKA006800A3033 | 1        |
|  | <b>ABB flexTronic presence detector flex set with sky sensor and relay insert</b><br>Modular presence detector with universal lens (set packaging). Detection range (for mounting height 6 m and 12 m): circular. Walking persons Ø: max. 18 m and 24 m.  |                 |          |
|   | <b>64754 U-24-500</b>   | 2CKA006800A3039 | 1        |
|  | <b>Busch-Presence detector Corridor, slave 1) 24 meters</b><br>Slave presence detector for extension of the detection range of master presence detectors. Detection range (for installation height of 3 m): rectangular. Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector 14 m x 3 m. Mounting height 27 mm. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Surveillance density: 92 sectors with 368 switching segments. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Detection angle: 360 ° Mounting height: 2 m - 4 m Protection class (Device): IP 40 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 76 mm Mounting depth: 49 mm  |                 |          |
| studio white matt   | <b>6819/58-24-500</b>   | 2CKA006800A2755 | 1        |
| aluminium silver  | <b>6819/58-183-500</b>  | 2CKA006800A2789 | 1        |

<sup>1)</sup> Recommendation: HaloX-O flush-mounted box from Kaiser (article no. 1290-40) with corresponding cover (1290-47 or 1290-85 for exposed concrete) or IBTronic H120-68 from Spelsberg

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>ABB flexTronic presence detector, corridor sensor</b><br>Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. Detection range (for installation height of 3 m): rectangular. Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector 14 m x 3 m. Extension of the detection range by means of master/slave combination. For semiautomatic and fully automatic operation. Additional activation/deactivation possibility through pushbutton input. With continuous light/duration-off function (8 hrs), IR service remote control necessary. With teach-in function of the brightness switching threshold, IR service remote control required. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Remote control possible via IR service remote control 6843. Adjustment elements accessible on the front side. Surveillance density: 72 sectors with 640 switching segments. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. Compatible with all free@home flex inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. |                 |          |
| studio white matt   | <b>64755-24-500</b>  | 2CKA006800A3035 | 1        |
| aluminium silver  | <b>64755-183-500</b>   | 2CKA006800A3037 | 1        |
|  | <b>ABB flexTronic presence detector flex set with corridor sensor and relay insert</b><br>Detection range (for installation height of 3 m): rectangular. Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector 14 m x 3 m.   |                 |          |
|   | <b>64755 U-24-500</b>  | 2CKA006800A3040 | 1        |

## Movement detector

### Presence detector

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|    | <b>Busch-Presence detector Universal, decor frame <sup>1)</sup></b><br>Paintable decor frame for individual design.<br>For presence detectors with Compact and Universal lens. For ABB flexTronic presence detector sensors with universal and sky lens. For latching onto the presence detector. Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 23 mm   |                 |          |
| studio white matt   | <b>6889/30-24-500</b>  | 2CKA006800A2765 | 10       |
| <sup>1)</sup> The decor frame included in the scope of delivery of the presence detector must be removed before mounting. |  |                 |          |
|    | <b>Busch movement detector Corridor, decor frame <sup>1)</sup></b><br>Paintable decor frame for individual design.<br>For presence detector with Corridor lens. For ABB flexTronic presence detector sensor with corridor lens. For latching onto the presence detector.<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 94 mm x 94 mm x 27 mm   |                 |          |
| studio white matt   | <b>6889/50-24-500</b>  | 2CKA006800A2801 | 10       |
| <sup>1)</sup> The decor frame included in the scope of delivery of the presence detector must be removed before mounting. |  |                 |          |
|                                        | <b>Presence detector surface-mounting housing</b><br>For installing a ABB flexTronic insert in combination with the ABB flexTronic presence detector sensor. Compatible with all flexTronic inserts. For ABB flexTronic presence detector sensors 6853-...-500, 6854-...-500 and 6855-...-500. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For extension insert flex, 64891 U. For LED touch dimmer insert flex, 1gang, 64851 U. |                 |          |
| studio white matt   | <b>6883-24-500</b>   | 2CKA006899A2369 | 1        |
| aluminium silver  | <b>6883-183-500</b>  | 2CKA006899A2371 | 1        |


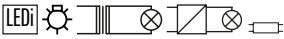
### ABB flexTronics inserts

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Relay insert flex, 1gang <sup>1)</sup></b><br>3 wire connection (neutral conductor required).<br>For switching lighting systems.<br>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br>Without control cover.<br>For control element flex, 1gang, wireless, 62711-WL.<br>For control element flex, 2gang, wireless, 62721-WL.<br>For Busch-Comfort switch flex control element 64765-... .<br>For Busch-Watchdog 180 flex sensors 6476x-... .<br>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br>Combinable with extension insert, 64891 U.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 1<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical.<br>Rated power: 300 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br>Rated power: 2300 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 2300 VA<br>Temperature range (Device): -25 °C to 55 °C<br>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br>Mounting depth: 25 mm |                 |          |
|   | <b>64811 U-500</b>  | 2CKA006800A3042 | 1/10     |



<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## Movement detector

### ABB flexTronics inserts

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Relay insert flex, 2gang <sup>1)</sup></b><br/>           3 wire connection (neutral conductor required).<br/>           For switching lighting systems.<br/>           For switching two independent load circuits.<br/>           For controlling light and ventilation systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>           Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>           Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Comfort switch flex control element 64765-... .<br/>           For Busch-Watchdog 180 flex sensors 6476x-... .<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 2<br/>           Outputs: 2x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 1840 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 1150 VA<br/>           Temperature range (Device): -25 °C to 55 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>  | <b>64821 U-500</b> | 2CKA006800A3045 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>e-contact insert flex, 1gang <sup>1) 2)</sup></b><br/>           2-wire connection (neutral conductor not required)<br/>           Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA).<br/>           For switching lighting systems.<br/>           Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>           Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>           Without control cover.<br/>           For control element flex, 1gang, wireless, 62711-WL.<br/>           For control element flex, 2gang, wireless, 62721-WL.<br/>           For Busch-Watchdog 180 flex sensors 6476x-... .<br/>           For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>           Combinable with extension insert, 64891 U.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 3 - 240 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 10 - 240 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 3 - 240 VA<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>           Mounting depth: 25 mm</p>  | <b>64814 U-500</b> | 2CKA006800A3048 | 1        |


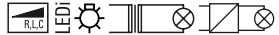
<sup>1)</sup> Use only dimmable high-voltage LEDs.


<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## Movement detector

### ABB flexTronics inserts

### ABB flexTronics inserts and sensors

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>LED dimmer insert flex, 1gang <sup>1)</sup> <sup>2)</sup> <sup>3)</sup> <sup>4)</sup> <sup>5)</sup> <sup>6)</sup><br/>FM, LED, 3-240 VA</b><br/>2-wire connection (neutral conductor not required)<br/>Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA).<br/>Touch dimmer for switching lighting systems.<br/>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>Optimised for dimming of retrofit LED lamps (LEDi).<br/>For dimmable Retrofit-LEDs (LEDi).<br/>For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.<br/>For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.<br/>Mix operaton of LEDi with conventional loads possible.<br/>With manually adjustable operating mode: trailing / leading edge control.<br/>With adjustable minimum brightness.<br/>With light-level memory and minimum brightness memory.<br/>Low-noise level by MOSFET transistors.<br/>With electronic short-circuit protection.<br/>With electronic overload protection.<br/>Without control cover.<br/>For control element flex, 1gang, 64711.<br/>For control element flex, 2gang, 64721.<br/>For control element flex, 1gang, wireless, 62711-WL.<br/>For control element flex, 2gang, wireless, 62721-WL.<br/>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>Rated power: 3-240 VA (LEDi)<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Inputs: 1<br/>Outputs: 1x dimming channel<br/>Suitable for: 230 V LEDi, typical (leading edge control)<br/>Rated power: 3 - 100 VA<br/>Suitable for: 230 V LEDi, typical (trailing edge control)<br/>Rated power: 3 - 240 W<br/>Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.<br/>Rated power: 10 - 240 VA<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>Mounting depth: 25 mm IEC 60669-2-1, British Standard EN 60669-2-1</p>  | <b>64851 U-500</b> | 2CKA006500A0013 | 1        |

| Product  | Article-No.        | Order-No.       | Pack/Qty |
|--|--------------------|-----------------|----------|
|  <p><b>Extension insert flex <sup>1)</sup></b><br/>3 wire connection (neutral conductor required).<br/>For the extension of the Busch-Comfort switch or presence detector installations.<br/>For group control of flex inserts via extension unit communication.<br/>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.<br/>Without control cover.<br/>For control element flex, 1gang, wireless, 62711-WL.<br/>For control element flex, 2gang, wireless, 62721-WL.<br/>For Busch-Watchdog 180 flex sensors 6476x-... .<br/>For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.<br/>Combinable with all flex inserts.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz<br/>Control/Signal outputs: 1, electronic output, potential-bound<br/>Temperature range (Device): -5 °C to 45 °C<br/>Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm<br/>Mounting depth: 25 mm</p> | <b>64891 U-500</b> | 2CKA006800A3051 | 1        |

<sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>1)</sup> In the case of conventional transformers, take ~20% transformer loss into account.  
<sup>2)</sup> In case of electronic transformers, 5 % transformer losses.

<sup>3)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

<sup>4)</sup> Recommendation: Please use loads and types of one producer.


<sup>5)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.

<sup>6)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.




## Movement detector

### Presence detector

| Product   | Article-No.   | Order-No.              | Pack/Qty        |
|---|---|------------------------|-----------------|
|  | <b>Busch-Presence detector mini KNX 1)</b><br><b>8 meters</b><br>Detection range (for mounting height 2.5 m, 3 m and 4 m): circular.<br>Seated persons Ø: max. 5 m, max. 6.5 m and max. 9 m.<br>Walking persons Ø: max. 6.5 m, max. 8 m and max. 10.5 m.<br>Visible height 16 mm.<br>With 2 channels.<br>Targeted for connection and disconnection of lights bands depending on the room brightness.<br>Regulation in response to the movement possible.<br>Using the device as presence and/or movement detectors.<br>Detectors application with 2 power off stages.<br>Detectors application with integrated monitoring function.<br>Constant light switch with up to two independent channels.<br>Constant light switch with max. 2 outputs for brightness-dependent switching of two light bands in the area.<br>With integrated KNX bus coupler.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Suitable for surface mounting installation.<br>Cannot be installed in British Standard or VDE flushmounted box.<br>Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.<br>Connections:<br>KNX-line: Bus connection terminal<br>Brightness limit value: 1 Lux - 1000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 80 mm x 80 mm x 45 mm<br>Mounting depth: 29 mm |                        |                 |
|   | aluminium silver  | <b>6131/20-183-500</b> | 2CKA006132A0343 |
| studio white matt   | <b>6131/20-24-500</b>   | 2CKA006132A0342        | 1               |

<sup>1)</sup> For software and description please check the current Online-Catalogue.


| Product   | Article-No.   | Order-No.              | Pack/Qty        |
|---|---|------------------------|-----------------|
|  | <b>Busch-Presence detector mini premium KNX 1) 2)</b><br><b>8 meters</b><br>Detection range (for mounting height 2.5 m, 3 m and 4 m): circular.<br>Seated persons Ø: max. 5 m, max. 6.5 m and max. 9 m.<br>Walking persons Ø: max. 6.5 m, max. 8 m and max. 10.5 m.<br>Visible height 16 mm.<br>With 4 channels.<br>For dimming/brightness of the rules to a defined value in a designated collection area.<br>HVAC function for controlling heating and/or cooling systems and ventilation systems in the designated collection area.<br>Detectors application with 2 power off stages.<br>Detectors application with integrated monitoring function.<br>Constant light controller with up to two independent channels.<br>Constant light controller with max. 2 outputs for dimming daylight control/rules of two rooflights in the room.<br>Integrated object room temperature controller.<br>10 freely programmable IR channels (blue and/or white)<br>Incl. 5 logic channels (logic gates, gates, delay and staircase lighting)<br>Evaluation via internal brightness sensor.<br>Weighting of up to 2 external brightness values and the internal brightness sensor possible.<br>The programming button can be activated with the IR transmitter 6010-25 (-500).<br>With integrated KNX bus coupler.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Suitable for surface mounting installation.<br>Cannot be installed in British Standard or VDE flushmounted box.<br>Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.<br>Connections:<br>KNX-line: Bus connection terminal<br>Brightness limit value: 1 Lux - 1000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 80 mm x 80 mm x 45 mm<br>Mounting depth: 29 mm |                        |                 |
|   | aluminium silver  | <b>6131/21-183-500</b> | 2CKA006132A0345 |
| studio white matt   | <b>6131/21-24-500</b>   | 2CKA006132A0344        | 1               |

<sup>1)</sup> For software and description please check the current Online-Catalogue.


<sup>2)</sup> HVAC = Heating/ ventilation/air-conditioning

## Movement detector

### Presence detector

| Product   | Article-No.  | Order-No.              | Pack/Qty        |
|---|--|------------------------|-----------------|
|  | <b>Busch-Presence detector KNX <sup>1)</sup></b><br><b>12 meters</b><br>Detection range (for mounting height 2.5 m, 3 m and 4 m): circular.<br>Seated persons Ø: max. 8 m, max. 10 m and max. 14 m.<br>Walking persons Ø: max. 10 m, max. 12 m and max. 16 m.<br>Visible height 23 mm.<br>With 2 channels.<br>Targeted for connection and disconnection of lights bands depending on the room brightness.<br>Regulation in response to the movement possible.<br>Using the device as presence and/or movement detectors.<br>Detectors application with 2 power off stages.<br>Detectors application with integrated monitoring function.<br>Constant light switch with up to two independent channels.<br>Constant light switch with max. 2 outputs for brightness-dependent switching of two light bands in the area.<br>With integrated KNX bus coupler.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Suitable for surface mounting installation.<br>Cannot be installed in British Standard or VDE flushmounted box.<br>Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.<br>Connections:<br>KNX-line: Bus connection terminal<br>Brightness limit value: 1 Lux - 1000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 91 mm x 91 mm x 45 mm<br>Mounting depth: 22 mm |                        |                 |
|   | aluminium silver   | <b>6131/30-183-500</b> | 2CKA006132A0347 |
| studio white matt   | <b>6131/30-24-500</b>  | 2CKA006132A0346        | 1               |

<sup>1)</sup> For software and description please check the current Online-Catalogue.


| Product   | Article-No.   | Order-No.              | Pack/Qty        |
|---|---|------------------------|-----------------|
|  | <b>Busch-Presence detector premium KNX <sup>1)</sup> <sup>2)</sup></b><br><b>12 meters</b><br>Detection range (for mounting height 2.5 m, 3 m and 4 m): circular.<br>Seated persons Ø: max. 8 m, max. 10 m and max. 14 m.<br>Walking persons Ø: max. 10 m, max. 12 m and max. 16 m.<br>Visible height 23 mm.<br>With 4 channels.<br>For dimming/brightness of the rules to a defined value in a designated collection area.<br>HVAC function for controlling heating and/or cooling systems and ventilation systems in the designated collection area.<br>Detectors application with 2 power off stages.<br>Detectors application with integrated monitoring function.<br>Constant light controller with up to two independent channels.<br>Constant light controller with max. 2 outputs for dimming daylight control/rules of two rooflights in the room.<br>Integrated object room temperature controller.<br>10 freely programmable IR channels (blue and/or white)<br>Incl. 5 logic channels (logic gates, gates, delay and staircase lighting)<br>Evaluation via internal brightness sensor.<br>Weighting of up to 2 external brightness values and the internal brightness sensor possible.<br>The programming button can be activated with the IR transmitter 6010-25 (-500).<br>With integrated KNX bus coupler.<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Suitable for surface mounting installation.<br>Cannot be installed in British Standard or VDE flushmounted box.<br>Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.<br>Connections:<br>KNX-line: Bus connection terminal<br>Brightness limit value: 1 Lux - 1000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 91 mm x 91 mm x 45 mm<br>Mounting depth: 22 mm |                        |                 |
|   | aluminium silver  | <b>6131/31-183-500</b> | 2CKA006132A0349 |
| studio white matt   | <b>6131/31-24-500</b>   | 2CKA006132A0348        | 1               |

<sup>1)</sup> For software and description please check the current Online-Catalogue.


<sup>2)</sup> HVAC = Heating/ ventilation/air-conditioning

## Movement detector

### Presence detector

| Product   | Article-No.  | Order-No.              | Pack/Qty        |   |
|---|--|------------------------|-----------------|---|
|  | <b>Busch-Presence detector Corridor KNX <sup>1)</sup></b><br><b>30 meters</b><br>Detection range: rectangular.<br>For mounting height of 3 m: frontal toward the detector at a max. of 20 m x 3 m (at a max. of 10 m x 3 m per side). Crosswise toward the detector at a max. of 30 m x 3 m (max. of 15 m x 3m per side).<br>With integrated KNX bus coupler.<br>Mounting height 27 mm.<br>With 2 channels.<br>Targeted for connection and disconnection of lights bands depending on the room brightness.<br>Regulation in response to the movement possible.<br>Using the device as presence and/or movement detectors.<br>Detectors application with 2 power off stages.<br>Detectors application with integrated monitoring function.<br>Constant light switch with up to two independent channels.<br>Constant light switch with max. 2 outputs for brightness-dependent switching of two light bands in the area.<br>Ceiling mounting on suspended ceilings with spring clamps, on solid ceilings in surface-mounting boxes 6131/39-xxx(-500) or on VDE flush-mounted boxes with intermediate ring for VDE flush-mounted boxes 6131/38-xxx(-500).<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Cannot be installed in British Standard or VDE flushmounted box.<br>Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.<br>Connections:<br>KNX-line: Bus connection terminal<br>Brightness limit value: 1 Lux - 1000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 91 mm x 91 mm x 49 mm<br>Mounting depth: 22 mm |                        |                 |   |
|   | studio white matt  | <b>6131/50-24-500</b>  | 2CKA006132A0399 | 1 |
|   | studio white matt  | <b>6131/50-24-508</b>  | 2CKA006131A0054 | 1 |
|   | aluminium silver   | <b>6131/50-183-500</b> | 2CKA006132A0400 | 1 |

<sup>1)</sup> For software and description please check the current Online-Catalogue.


| Product   | Article-No.   | Order-No.              | Pack/Qty        |   |
|---|---|------------------------|-----------------|---|
|  | <b>Busch-Presence detector Corridor premium KNX <sup>1)</sup> <sup>2)</sup></b><br><b>30 meters</b><br>Detection range: rectangular.<br>For mounting height of 3 m: frontal toward the detector at a max. of 20 m x 3 m (at a max. of 10 m x 3 m per side). Crosswise toward the detector at a max. of 30 m x 3 m (max. of 15 m x 3m per side).<br>With integrated KNX bus coupler.<br>Mounting height 27 mm.<br>With 4 channels.<br>For dimming/brightness of the rules to a defined value in a designated collection area.<br>HVAC function for controlling heating and/or cooling systems and ventilation systems in the designated collection area.<br>Detectors application with 2 power off stages.<br>Detectors application with integrated monitoring function.<br>Constant light controller with up to two independent channels.<br>Constant light controller with max. 2 outputs for dimming daylight control/rules of two rooflights in the room.<br>Integrated object room temperature controller.<br>10 freely programmable IR channels (blue and/or white)<br>Incl. 5 logic channels (logic gates, gates, delay and staircase lighting)<br>Evaluation via internal brightness sensor.<br>Weighting of up to 2 external brightness values and the internal brightness sensor possible.<br>The programming button can be activated with the IR transmitter 6010-25 (-500).<br>Ceiling mounting on suspended ceilings with spring clamps, on solid ceilings in surface-mounting boxes 6131/39-xxx(-500) or on VDE flush-mounted boxes with intermediate ring for VDE flush-mounted boxes 6131/38-xxx(-500).<br>Suitable for false ceilings with a board thickness from 9 to 25 mm.<br>Hole size: Ø 68 mm.<br>Cannot be installed in British Standard or VDE flushmounted box.<br>Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.<br>Connections:<br>KNX-line: Bus connection terminal<br>Brightness limit value: 1 Lux - 1000 Lux<br>Mounting height: 2 m - 4 m<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 91 mm x 91 mm x 49 mm<br>Mounting depth: 22 mm |                        |                 |   |
|   | studio white matt   | <b>6131/51-24-500</b>  | 2CKA006132A0413 | 1 |
|   | studio white matt   | <b>6131/51-24-508</b>  | 2CKA006131A0058 | 1 |
|   | aluminium silver  | <b>6131/51-183-500</b> | 2CKA006132A0414 | 1 |

<sup>1)</sup> For software and description please check the current Online-Catalogue.


<sup>2)</sup> HVAC = Heating/ ventilation/air-conditioning


## Movement detector


### Presence detector

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog Sky KNX <sup>1)</sup> 24 meters</b><br>Detection range (for mounting height 6 m and 12 m): circular.<br>Walking persons Ø: max. 18 m and 24 m.<br>Visible height 23 mm. With 2 channels.<br>Targeted for connection and disconnection of lights bands depending on the room brightness.<br>Use of the device as a movement detector.<br>Detectors application with 2 power off stages.<br>Detectors application with integrated monitoring function. Constant light switch with up to two independent channels. Constant light switch with max. 2 outputs for brightness-dependent switching of two light bands in the area. With integrated KNX bus coupler.<br>The programming button can be activated with the IR transmitter 6010-25 (-500).<br>Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm.<br>Suitable for surface mounting installation.<br>Cannot be installed in British Standard or VDE flushmounted box.<br>Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.<br>Connections:<br>KNX-line: Bus connection terminal<br>Brightness limit value: 1 Lux - 1000 Lux<br>Mounting height: 4 m - 12 m<br>Protection class (Device): IP 20<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 91 mm x 91 mm x 45 mm<br>Mounting depth: 22 mm |                 |          |
| studio white matt   | <b>6131/40-24-500</b>  | 2CKA006132A0350 | 1        |

<sup>1)</sup> For software and description please check the current Online-Catalogue.


| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Surface-mounting box For Busch-Presence detector mini KNX</b><br>For installing a Busch-Presence detector mini KNX 6131/20-xxx(-500) or a Busch-Presence detector mini premium KNX 6131/21-xxx(-500).<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 80 mm x 80 mm x 35 mm |                 |          |
| aluminium silver  | <b>6131/29-183-500</b>   | 2CKA006132A0352 | 1        |
| studio white matt   | <b>6131/29-24-500</b>  | 2CKA006132A0351 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Surface-mounting box For Busch-Presence detector KNX, Busch-Watchdog Sky KNX and Busch-Presence detector Corridor KNX</b><br>For mounting a Busch-Presence detector KNX 6131/30-xxx(-500), a Busch-Presence detector Premium KNX 6131/31-xxx(-500), a Busch-Presence detector Corridor KNX 6131/50-xxx(-500), a Busch-Presence detector Corridor premium KNX 6131/51-xxx(-500) or a Busch-Watchdog Sky KNX 6131/40-24(-500).<br>Protection class (Device): IP 20<br>Dimensions: (L x W x D): 91 mm x 91 mm x 33 mm |                 |          |
| aluminium silver  | <b>6131/39-183-500</b>  | 2CKA006132A0354 | 1        |
| studio white matt   | <b>6131/39-24-500</b>   | 2CKA006132A0353 | 1        |

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Intermediate ring for VDE flush-mounted box For Busch-Presence detector KNX, Busch-Watchdog Sky KNX and Busch-Presence detector Corridor KNX</b><br>For Busch-Presence detector KNX and Busch-Watchdog Sky KNX. For mounting a Busch-Presence detector KNX 6131/30-xxx(-500), a Busch-Presence detector KNX Premium KNX 6131/31-xxx(-500), a Busch-Presence detector Corridor KNX 6131/50-xxx(-500), a Busch-Presence detector Corridor premium KNX 6131/51-xxx(-500) or a Busch-Watchdog Sky KNX 6131/40-24(-500) on a VDE flush-mounted box. Protection class (Device): IP 20. Dimensions: (L x W x D): 91 mm x 91 mm x 22 mm |                 |          |
| studio white matt   | <b>6131/38-24-500</b>  | 2CKA006132A0403 | 1        |
| aluminium silver  | <b>6131/38-183-500</b>   | 2CKA006132A0404 | 1        |

## Movement detector

### Busch-Watchdog presence inserts


| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|  | <b>Comfort switch flex sensor</b>   |                 |          |
|   | Movement detector push-button switch combination. For switching lighting systems that depend on brightness and movement. Push switch function possible at all times. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. Compatible with all free@home flexTronics inserts. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Please order the respective flush-mounted insert separately. The range specifications refer only to an ambient temperature of 21°C. |                 |          |
|   | <b>64765-81-500</b>   | 2CKA006800A2883 |          |
|   | <b>64765-82-500</b>   | 2CKA006800A2885 |          |
|   | <b>64765-83-500</b>   | 2CKA006800A2887 |          |
|   | <b>64765-84-500</b>   | 2CKA006800A2889 |          |
|   | <b>64765-803-500</b>  | 2CKA006800A2891 |          |
|   | <b>64765-884-500</b>  | 2CKA006800A2893 |          |
|   | <b>64765-885-500</b>  | 2CKA006800A2895 |          |
|   | <b>64765-840-500</b>  | 2CKA006800A2896 |          |
|   | <b>64765-866-500</b>  | 2CKA006800A2898 |          |
|   | <b>64765-92-507</b>   | 2CKA006800A2903 |          |
|   | <b>64765-93-507</b>   | 2CKA006800A2904 |          |
|   | <b>64765-94-507</b>   | 2CKA006800A2905 |          |
|   | <b>64765-95-507</b>   | 2CKA006800A2906 |          |
|   | <b>64765-96-507</b>   | 2CKA006800A2907 |          |



#### Comfort switch sets

Ready-to-install movement detector push-button switch combination (set packaging). Consisting of relay insert flex, 1gang, 64811 U. Consisting of future® linear cover frames, 1gang 1721-184K. The range specifications refer only to an ambient temperature of 21°C. Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete).

|                        |                 |   |
|------------------------|-----------------|---|
| <b>64765 UJ-84-500</b> | 2CKA006800A2914 | - |
|------------------------|-----------------|---|

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex <sup>1)</sup> <sup>2)</sup></b>   |                 |          |
|   | <b>Complete set with Basic sensor select-lens and relay insert</b>   |                 |          |
|   | Ready-to-install movement detector for flush-mounted installation (set packaged). Consisting of Busch-Watchdog 180 flex, basic sensor. Consisting of relay insert flex, 1gang, 64811 U. Consisting of future® linear cover frames, 1gang 1721-184K. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1 Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V- LEDi, typical. Rated power: 300 VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 2300 W Suitable for: Low voltage halogen lamps that are operated via transformers. Rated power: 2300 VA. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m Detection angle: 180°. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 80 mm x 80 mm x 48 mm Mounting depth: 25 mm |                 |          |
| studio white  | <b>64761 UJ-84-500</b>   | 2CKA006800A2951 | 1        |

<sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

## Movement detector

### Busch-Watchdog presence inserts

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|



#### Busch-Watchdog 180 flex, basic sensor <sup>1) 2)</sup> with select-lens

Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.

For relay insert flex, 1gang, 64811 U.

For e-contact insert flex, 1gang, 64814 U.

For series relay insert flex, 2gang, 64821 U.

For LED touch dimmer insert flex, 1gang, 64851 U.

For extension insert flex, 64891 U.

Mounting height: 22 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m

Detection angle: 180 °

Brightness limit value: 5 Lux - 500 Lux Up to daytime operation

Mounting height: 0.8 m - 1.2 m

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm

#### future® linear

|                                  |                      |                 |   |
|----------------------------------|----------------------|-----------------|---|
| anthracite                       | <b>64761-81-500</b>  | 2CKA006800A2921 | 1 |
| ivory white                      | <b>64761-82-500</b>  | 2CKA006800A2923 | 1 |
| aluminium silver <sup>3)</sup>   | <b>64761-83-500</b>  | 2CKA006800A2925 | 1 |
| studio white                     | <b>64761-84-500</b>  | 2CKA006800A2927 | 1 |
| studio white, matt <sup>3)</sup> | <b>64761-884-500</b> | 2CKA006800A2931 | 1 |
| black matt <sup>3)</sup>         | <b>64761-885-500</b> | 2CKA006800A2933 | 1 |

#### solo®

|                             |                      |                 |   |
|-----------------------------|----------------------|-----------------|---|
| ivory white                 | <b>64761-82-500</b>  | 2CKA006800A2923 | 1 |
| studio white                | <b>64761-84-500</b>  | 2CKA006800A2927 | 1 |
| grey metallic <sup>3)</sup> | <b>64761-803-500</b> | 2CKA006800A2929 | 1 |

#### Busch-axcent®

|                                  |                      |                 |   |
|----------------------------------|----------------------|-----------------|---|
| anthracite                       | <b>64761-81-500</b>  | 2CKA006800A2921 | 1 |
| aluminium silver <sup>3)</sup>   | <b>64761-83-500</b>  | 2CKA006800A2925 | 1 |
| studio white                     | <b>64761-84-500</b>  | 2CKA006800A2927 | 1 |
| studio white, matt <sup>3)</sup> | <b>64761-884-500</b> | 2CKA006800A2931 | 1 |
| black matt <sup>3)</sup>         | <b>64761-885-500</b> | 2CKA006800A2933 | 1 |
| grey metallic <sup>3)</sup>      | <b>64761-803-500</b> | 2CKA006800A2929 | 1 |

| Product | Article-No. | Order-No. | Pack/Qty |
|---------|-------------|-----------|----------|
|---------|-------------|-----------|----------|

#### carat®

|                                  |                      |                 |   |
|----------------------------------|----------------------|-----------------|---|
| anthracite                       | <b>64761-81-500</b>  | 2CKA006800A2921 | 1 |
| ivory white                      | <b>64761-82-500</b>  | 2CKA006800A2923 | 1 |
| studio white                     | <b>64761-84-500</b>  | 2CKA006800A2927 | 1 |
| studio white, matt <sup>3)</sup> | <b>64761-884-500</b> | 2CKA006800A2931 | 1 |
| black matt <sup>3)</sup>         | <b>64761-885-500</b> | 2CKA006800A2933 | 1 |

#### pure stainless steel

|                 |                      |                 |   |
|-----------------|----------------------|-----------------|---|
| stainless steel | <b>64761-866-500</b> | 2CKA006800A2936 | 1 |
|-----------------|----------------------|-----------------|---|

#### Busch-dynasty®

|                             |                      |                 |   |
|-----------------------------|----------------------|-----------------|---|
| anthracite                  | <b>64761-81-500</b>  | 2CKA006800A2921 | 1 |
| ivory white                 | <b>64761-82-500</b>  | 2CKA006800A2923 | 1 |
| antique brass <sup>3)</sup> | <b>64761-840-500</b> | 2CKA006800A2934 | 1 |

#### basic 55

|                         |                     |                 |   |
|-------------------------|---------------------|-----------------|---|
| white                   | <b>64761-92-507</b> | 2CKA006800A2941 | 1 |
| champagne <sup>3)</sup> | <b>64761-93-507</b> | 2CKA006800A2942 | 1 |
| alpine white            | <b>64761-94-507</b> | 2CKA006800A2943 | 1 |
| château-black           | <b>64761-95-507</b> | 2CKA006800A2944 | 1 |
| chalet-white            | <b>64761-96-507</b> | 2CKA006800A2945 | 1 |


<sup>1)</sup> Please order the respective flush-mounted insert separately.


<sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>3)</sup> Surface painted.

## Movement detector


### Busch-Watchdog presence inserts


| Product  | Article-No.                     | Order-No.            | Pack/Qty        |   |
|--|---------------------------------|----------------------|-----------------|---|
|  <p><b>Busch-Watchdog 180 flex, comfort sensor <sup>1)</sup> <sup>2)</sup> with select-lens</b><br/>           Movement detector sensor with with measurement of ambient light.<br/>           For automatic switching of devices dependent on motion and brightness.<br/>           Push switch function possible at all times.<br/>           In combination with dimmer insert flex: dimming function of lighting and selectable light value storage.<br/>           With enabling of pre-warning of switch-off for stairwell operation.<br/>           Compatible with all free@home flex inserts.<br/>           Adjusting elements on rear side.<br/>           Extension of the detection range by means of master/ slave combination.<br/>           Additional activation/deactivation option via push-button input on the flush-mounted insert.<br/>           With continuous light/continuous Off function.<br/>           With detection display in test mode.<br/>           Surveillance density: 14 sectors with 56 switching segments.<br/>           Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br/>           For relay insert flex, 1gang, 64811 U.<br/>           For e-contact insert flex, 1gang, 64814 U.<br/>           For series relay insert flex, 2gang, 64821 U.<br/>           For LED touch dimmer insert flex, 1gang, 64851 U.<br/>           For extension insert flex, 64891 U.<br/>           Mounting height: 22 mm.<br/>           Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br/>           Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br/>           Detection angle: 180 °<br/>           Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br/>           Mounting height: 0.8 m - 1.2 m<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 63 mm x 63 mm x 35 mm</p> |                                 |                      |                 |   |
|  | <b>future® linear</b>           |                      |                 |   |
|  | anthracite                      | <b>64762-81-500</b>  | 2CKA006800A2958 | 1 |
|  | ivory white                     | <b>64762-82-500</b>  | 2CKA006800A2960 | 1 |
|  | aluminium silver <sup>3)</sup>  | <b>64762-83-500</b>  | 2CKA006800A2962 | 1 |
|  | studio white                    | <b>64762-84-500</b>  | 2CKA006800A2964 | 1 |
|  | studio white matt <sup>3)</sup> | <b>64762-884-500</b> | 2CKA006800A2968 | 1 |
|  | black matt <sup>3)</sup>        | <b>64762-885-500</b> | 2CKA006800A2970 | 1 |
|  | <b>solo®</b>                    |                      |                 |   |
|  | ivory white                     | <b>64762-82-500</b>  | 2CKA006800A2960 | 1 |
| studio white   | <b>64762-84-500</b>             | 2CKA006800A2964      | 1               |   |
| grey metallic <sup>3)</sup>  | <b>64762-803-500</b>            | 2CKA006800A2966      | 1               |   |
| <b>Busch-axcent®</b>   |                                 |                      |                 |   |
| anthracite   | <b>64762-81-500</b>             | 2CKA006800A2958      | 1               |   |
| studio white   | <b>64762-84-500</b>             | 2CKA006800A2964      | 1               |   |
| grey metallic <sup>3)</sup>  | <b>64762-803-500</b>            | 2CKA006800A2966      | 1               |   |
| studio white matt <sup>3)</sup>  | <b>64762-884-500</b>            | 2CKA006800A2968      | 1               |   |
| black matt <sup>3)</sup>   | <b>64762-885-500</b>            | 2CKA006800A2970      | 1               |   |

| Product   | Article-No.            | Order-No.       | Pack/Qty |
|---|------------------------|-----------------|----------|
| <b>carat®</b>   |                        |                 |          |
| ivory white   | <b>64762-82-500</b>    | 2CKA006800A2960 | 1        |
| anthracite  | <b>64762-81-500</b>    | 2CKA006800A2958 | 1        |
| studio white  | <b>64762-84-500</b>    | 2CKA006800A2964 | 1        |
| studio white matt <sup>3)</sup>   | <b>64762-884-500</b>   | 2CKA006800A2968 | 1        |
| black matt <sup>3)</sup>  | <b>64762-885-500</b>   | 2CKA006800A2970 | 1        |
| <b>pure stainless steel</b>   |                        |                 |          |
| stainless steel   | <b>64762-866-500</b>   | 2CKA006800A2973 | 1        |
| <b>Busch-dynasty®</b>   |                        |                 |          |
| anthracite  | <b>64762-81-500</b>    | 2CKA006800A2958 | 1        |
| ivory white   | <b>64762-82-500</b>    | 2CKA006800A2960 | 1        |
| antique brass <sup>3)</sup>   | <b>64762-840-500</b>   | 2CKA006800A2971 | 1        |
| <b>basic 55</b>   |                        |                 |          |
| white   | <b>64762-92-507</b>    | 2CKA006800A2978 | 1        |
| champagne <sup>3)</sup>   | <b>64762-93-507</b>    | 2CKA006800A2979 | 1        |
| alpine white  | <b>64762-94-507</b>    | 2CKA006800A2980 | 1        |
| château-black   | <b>64762-95-507</b>    | 2CKA006800A2981 | 1        |
| chalet-white  | <b>64762-96-507</b>    | 2CKA006800A2982 | 1        |
| <sup>1)</sup> Please order the respective flush-mounted insert separately.<br><sup>2)</sup> The range specifications refer only to an ambient temperature of 21°C.<br><sup>3)</sup> Surface painted.  |                        |                 |          |
|  <p><b>Busch-Watchdog 180 flex <sup>1)</sup> <sup>2)</sup> Complete set with Comfort sensor select lens and relay insert</b><br/>           Ready-to-install movement detector for flush-mounted installation (set packaged).<br/>           Consisting of Busch-Watchdog 180 flex comfort sensor with select lens.<br/>           Consisting of relay insert flex, 1gang, 64811 U.<br/>           Consisting of future® linear cover frames, 1gang 1721-184K.<br/>           Rated voltage: 230 V~, +10 % / -10 %<br/>           Rated frequency: 50 Hz<br/>           Inputs: 1<br/>           Outputs: 1x Normally open contact, potential-bound<br/>           Suitable for: 230 V- LEDi, typical.<br/>           Rated power: 300 VA<br/>           Suitable for: 230 V incandescent lamps/230 V halogen lamps<br/>           Rated power: 2300 W<br/>           Suitable for: Low voltage halogen lamps that are operated via transformers.<br/>           Rated power: 2300 VA<br/>           Detection range: frontal: 12 m, lateral: 12 m, Mounting height: 1.1 m<br/>           Detection angle: 180 °<br/>           Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br/>           Mounting height: 0.8 m - 1.2 m<br/>           Temperature range (Device): -5 °C to 45 °C<br/>           Dimensions: (L x W x D): 80 mm x 80 mm x 48 mm<br/>           Mounting depth: 25 mm</p> |                        |                 |          |
| studio white  | <b>64762 UJ-84-500</b> | 2CKA006800A2988 | 1        |
| <sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.<br><sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)   |                        |                 |          |

## Movement detector

### Busch-Watchdog presence inserts

| Product   | Article-No.  | Order-No.       | Pack/Qty |
|---|--|-----------------|----------|
|  | <b>Busch-Watchdog 180 flex, comfort sensor <sup>1) 2)</sup> with multi-lens</b>  |                 |          |
|   | Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. For detection down to the floor. For detection in stairwells. With 4 detection levels. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Adjusting elements on rear side. Multi-lens: suitable also for mounting heights of 2.20 m. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With continuous light/continuous Off function. With detection display in test mode. Surveillance density: 54 sectors with 224 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable.<br>For relay insert flex, 1gang, 64811 U.<br>For e-contact insert flex, 1gang, 64814 U.<br>For series relay insert flex, 2gang, 64821 U.<br>For LED touch dimmer insert flex, 1gang, 64851 U.<br>For extension insert flex, 64891 U.<br>Mounting height: 31 mm.<br>Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.<br>Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br>Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 63 mm x 63 mm x 45 mm |                 |          |
|   | <b>future® linear</b>  |                 |          |
| anthracite  | <b>64764-81-500</b>  | 2CKA006800A2995 | 1        |
| ivory white   | <b>64764-82-500</b>  | 2CKA006800A2997 | 1        |
| aluminium silver <sup>3)</sup>  | <b>64764-83-500</b>  | 2CKA006800A2999 | 1        |
| studio white  | <b>64764-84-500</b>  | 2CKA006800A3001 | 1        |
| studio white matt <sup>3)</sup>   | <b>64764-884-500</b>   | 2CKA006800A3005 | 1        |
| black matt <sup>3)</sup>  | <b>64764-885-500</b>   | 2CKA006800A3007 | 1        |
|   | <b>solo®</b>   |                 |          |
| ivory white   | <b>64764-82-500</b>  | 2CKA006800A2997 | 1        |
| studio white  | <b>64764-84-500</b>  | 2CKA006800A3001 | 1        |
| grey metallic <sup>3)</sup>   | <b>64764-803-500</b>   | 2CKA006800A3003 | 1        |
|   | <b>Busch-axcent®</b>   |                 |          |
| anthracite  | <b>64764-81-500</b>  | 2CKA006800A2995 | 1        |
| aluminium silver <sup>3)</sup>  | <b>64764-83-500</b>  | 2CKA006800A2999 | 1        |
| studio white  | <b>64764-84-500</b>  | 2CKA006800A3001 | 1        |
| studio white matt <sup>3)</sup>   | <b>64764-884-500</b>   | 2CKA006800A3005 | 1        |
| black matt <sup>3)</sup>  | <b>64764-885-500</b>   | 2CKA006800A3007 | 1        |
| grey metallic <sup>3)</sup>   | <b>64764-803-500</b>   | 2CKA006800A3003 | 1        |

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---|-----------------|----------|
|   | <b>carat®</b>   |                 |          |
| anthracite  | <b>64764-81-500</b>   | 2CKA006800A2995 | 1        |
| ivory white   | <b>64764-82-500</b>   | 2CKA006800A2997 | 1        |
| studio white  | <b>64764-84-500</b>   | 2CKA006800A3001 | 1        |
| studio white matt <sup>3)</sup>   | <b>64764-884-500</b>  | 2CKA006800A3005 | 1        |
| black matt <sup>3)</sup>  | <b>64764-885-500</b>  | 2CKA006800A3007 | 1        |
|   | <b>pure stainless steel</b>   |                 |          |
| stainless steel   | <b>64764-866-500</b>  | 2CKA006800A3010 | 1        |
|   | <b>Busch-dynasty®</b>   |                 |          |
| antique brass <sup>3)</sup>   | <b>64764-840-500</b>  | 2CKA006800A3008 | 1        |
| anthracite  | <b>64764-81-500</b>   | 2CKA006800A2995 | 1        |
| ivory white   | <b>64764-82-500</b>   | 2CKA006800A2997 | 1        |
|   | <b>basic 55</b>   |                 |          |
| white   | <b>64764-92-507</b>   | 2CKA006800A3015 | 1        |
| champagne <sup>3)</sup>   | <b>64764-93-507</b>   | 2CKA006800A3016 | 1        |
| alpine white  | <b>64764-94-507</b>   | 2CKA006800A3017 | 1        |
| château-black   | <b>64764-95-507</b>   | 2CKA006800A3018 | 1        |
| chalet-white  | <b>64764-96-507</b>   | 2CKA006800A3019 | 1        |
|  | <b>Busch-Watchdog 180 flex <sup>1) 2)</sup> Complete set with Comfort sensor multi-lens and relay insert</b>  |                 |          |
|   | Ready-to-install movement detector for flush-mounted installation (set packaged).<br>Consisting of Busch-Watchdog 180 flex comfort sensor with multi-lens.<br>Consisting of relay insert flex, 1gang, 64811 U.<br>Consisting of future® linear cover frames, 1gang 1721-184K.<br>Rated voltage: 230 V~, +10 % / -10 %<br>Rated frequency: 50 Hz<br>Inputs: 1<br>Outputs: 1x Normally open contact, potential-bound<br>Suitable for: 230 V- LEDi, typical.<br>Rated power: 300 VA<br>Suitable for: 230 V incandescent lamps/230 V halogen lamps<br>Rated power: 2300 W<br>Suitable for: Low voltage halogen lamps that are operated via transformers.<br>Rated power: 2300 VA<br>Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m<br>Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m<br>Detection angle: 180 °<br>Brightness limit value: 5 Lux - 500 Lux Up to daytime operation<br>Mounting height: 0.8 m - 1.2 m alternative: 2.2 m<br>Temperature range (Device): -5 °C to 45 °C<br>Dimensions: (L x W x D): 80 mm x 80 mm x 57 mm<br>Mounting depth: 25 mm |                 |          |
| studio white  | <b>64764 UJ-84-500</b>  | 2CKA006800A3025 | 1        |


<sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>2)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)


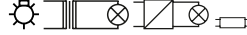



## Movement detector

### Busch-Watchdog presence inserts

| Product   | Article-No. | Order-No.       | Pack/Qty |
|---|-------------|-----------------|----------|
|  <p><b>RC suppressor</b><br/>For protection against the damage or destruction of electronic devices due to overvoltages.<br/>For wiring network-interconnected inductivities (e.g. relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.<br/>Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm.<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz</p> | <b>6899</b> | 2CKA006899A0231 | 10       |

### Proximity switch

| Product   | Article-No.   | Order-No.       | Pack/Qty |
|---|---------------|-----------------|----------|
|  <p><b>Proximity switch</b><br/>3 wire connection (neutral conductor required).<br/>Relay insert with proximity sensor.<br/>For contactless ON/OFF switching of electric loads, e.g. lights.<br/>For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.<br/>Switches when detecting an approach at &lt; approx. 5 cm.<br/>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).<br/>Rated voltage: 230 V~, +10 % / -10 %<br/>Rated frequency: 50 Hz - 60 Hz<br/>Outputs: 1x Normally open contact, potential-bound<br/>Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.<br/>Rated current: 10 AX<br/>Rated power: 2300 W/VA<br/>Temperature range (Device): -25 °C to 55 °C<br/>British Standard EN 60669-2-1</p>  | <b>6406 U</b> | 2CKA006400A0034 | 1        |


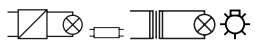
|  |  |  |  |
|--|--|--|--|
|  <p><b>Cover plate</b><br/><b>Proximity switch</b><br/>For proximity switch 6406 U.</p> |  |  |  |
|--|--|--|--|

| future® linear                   |                 |                 |      |
|----------------------------------|-----------------|-----------------|------|
| anthracite                       | <b>6476-81</b>  | 2CKA006470A0007 | 1/10 |
| ivory white                      | <b>6476-82</b>  | 2CKA006470A0003 | 10   |
| aluminium silver <sup>1)</sup>   | <b>6476-83</b>  | 2CKA006470A0008 | 10   |
| studio white                     | <b>6476-84</b>  | 2CKA006470A0004 | 10   |
| studio white, matt <sup>1)</sup> | <b>6476-884</b> | 2CKA006470A0010 | 10   |
| black matt <sup>1)</sup>         | <b>6476-885</b> | 2CKA006470A0011 | 10   |
| solo®                            |                 |                 |      |
| ivory white                      | <b>6476-82</b>  | 2CKA006470A0003 | 10   |
| studio white                     | <b>6476-84</b>  | 2CKA006470A0004 | 10   |
| grey metallic <sup>1)</sup>      | <b>6476-803</b> | 2CKA006470A0006 | 10   |
| Busch-axcent®                    |                 |                 |      |
| anthracite                       | <b>6476-81</b>  | 2CKA006470A0007 | 1/10 |
| studio white                     | <b>6476-84</b>  | 2CKA006470A0004 | 10   |
| black matt <sup>1)</sup>         | <b>6476-885</b> | 2CKA006470A0011 | 10   |
| carat®                           |                 |                 |      |
| anthracite                       | <b>6476-81</b>  | 2CKA006470A0007 | 1/10 |
| ivory white                      | <b>6476-82</b>  | 2CKA006470A0003 | 10   |
| studio white                     | <b>6476-84</b>  | 2CKA006470A0004 | 10   |
| pure stainless steel             |                 |                 |      |
| stainless steel                  | <b>6476-866</b> | 2CKA006470A0009 | 10   |

<sup>1)</sup>Surface painted.

## Movement detector

### Proximity switch

| Product  | Article-No.      | Order-No.       | Pack/Qty |
|--|------------------|-----------------|----------|
|  <p><b>Twilight switch <sup>1)</sup> <sup>2)</sup></b><br/>           With labelling field.<br/>           Labelling field 57.8 x 9.8 mm<br/>           Switch-on/switch-off delay: approx. 3-6 min<br/>           non-adjustable.<br/>           Rated voltage: 230 V~<br/>           Rated frequency: 50 Hz<br/>           Rated current: 16 AX<br/>           Rated power: 3680 W/VA<br/>           Brightness limit value: 3 Lux - 500 Lux nominal<br/>           Protection class (Device): IP 44<br/>           Temperature range (Device): -35 °C to 55 °C<br/>           Dimensions: (L x W x D): 83 mm x 74 mm x 55 mm</p>  | <b>2240 W-53</b> | 2CKA006500A0791 | 1/10     |
|  | <b>2240 W-54</b> | 2CKA006500A0792 | 1/10     |

<sup>1)</sup> For compatible lettering software, visit [www.BUSCH-JAEGER-labelingtool.com](http://www.BUSCH-JAEGER-labelingtool.com).

<sup>2)</sup> Labelling strip non-illuminable.