



Electrical installation solutions for buildings

Light switches and socket outlets

Index	
carat®	1
Busch-dynasty®	2
pure stainless steel	3
solo®	4
Busch-axcent®	5
future® linear	6
basic55®	7
Sky Niessen	8
Impressivo	9
Swing®L	10
Zenit	11
Mylos®	12
Chiara	13
Unno	14
IVIE	15
Millenium	16
Concept bs	17
Kalo	18
Ocean	19
Movement detectors	20

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.

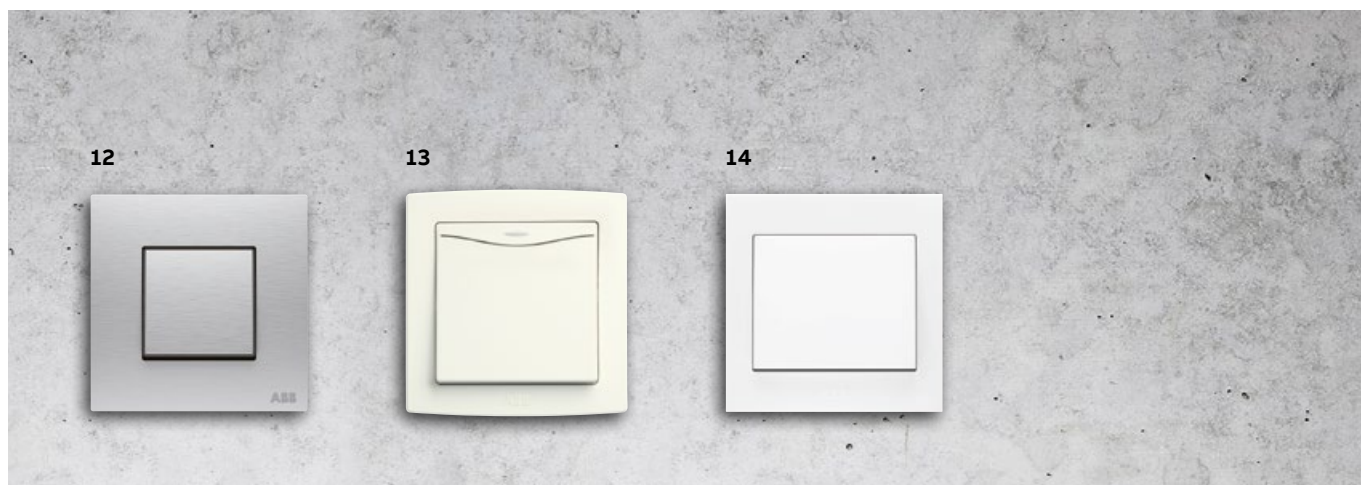
VDE-standard



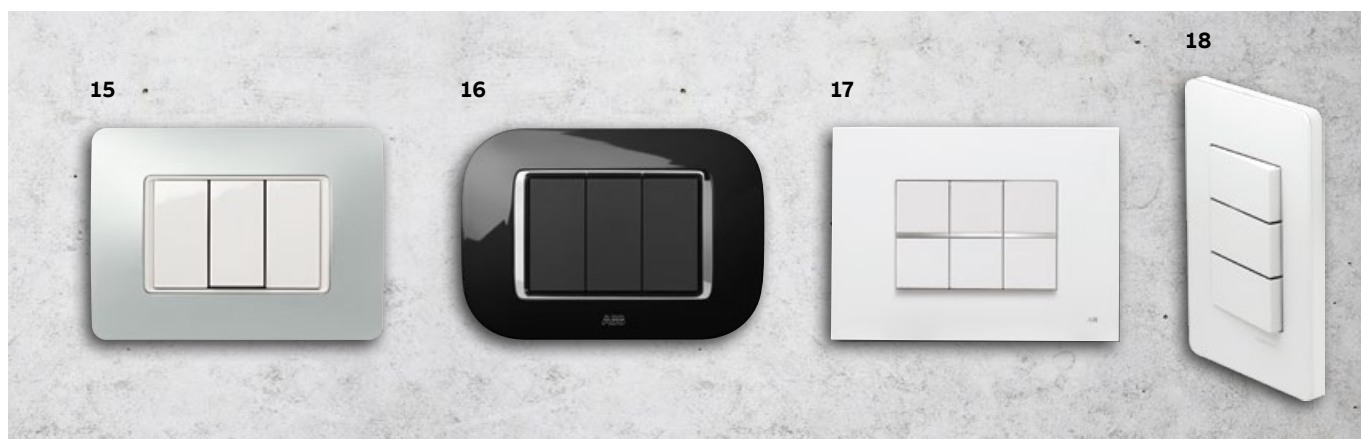
Light switches and socket outlets

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 **future® linear**

07 **basic55®**
 08 **Sky Niessen**
 09 **Impressivo**
 10 **Swing®L**
 11 **Zenit**

12 **Millenium**
 13 **Concept bs**
 14 **Kalo**
 15 **Chiara**

16 **Mylos®**
 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 ivory white / bronze
- 02 studio white / glass black
- 03 anthracite / stainless steel
- 04 studio white / chrome
- 05 ivory white / gold
- 06 studio white / white glass

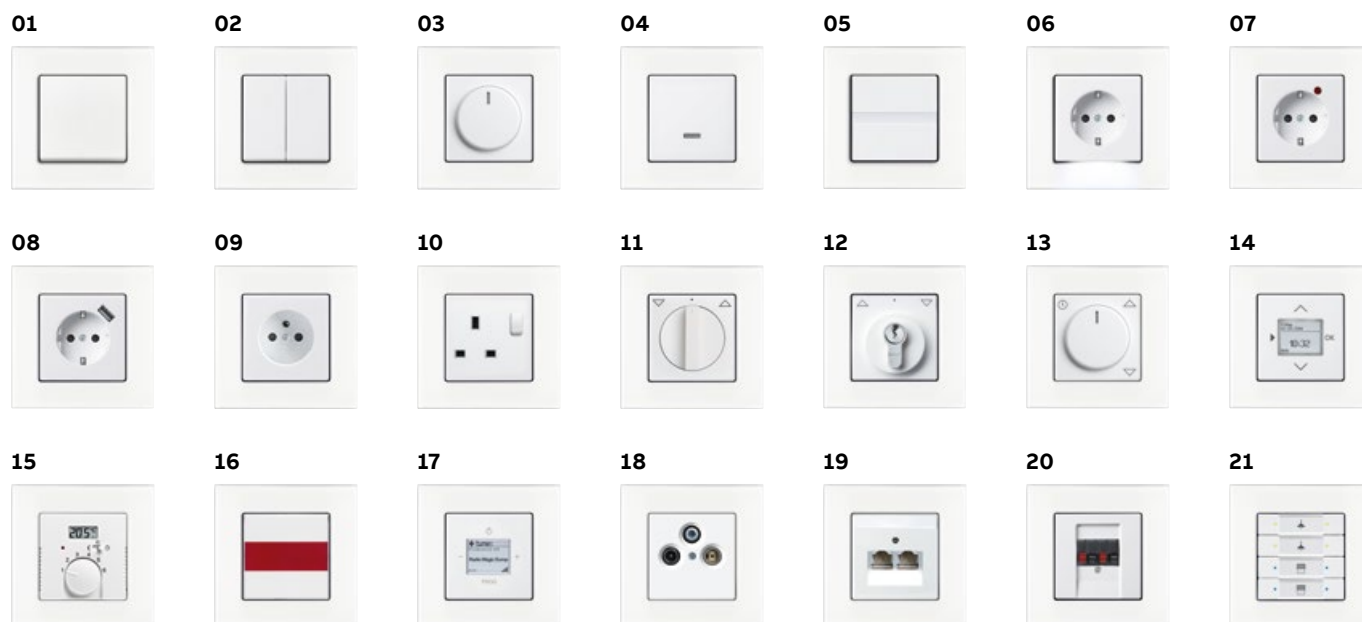
Materials

UV-resistant, free of PVC and halogen.

Frame: genuine materials.

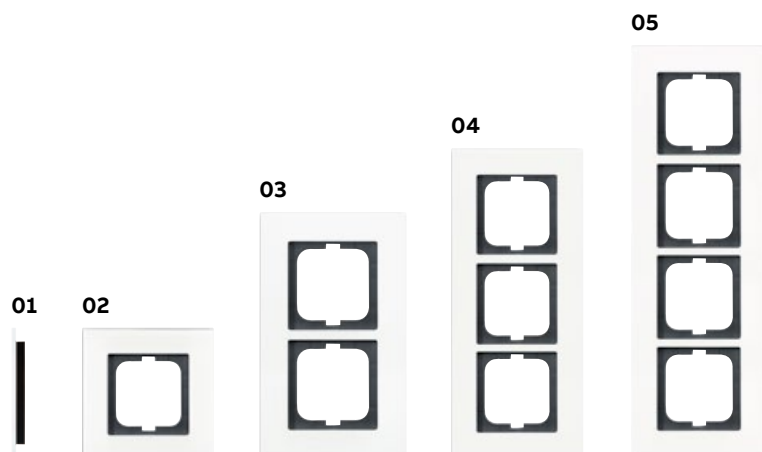
carat®

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
- 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-AudioWorld® Busch-Radio iNet
- 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 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.

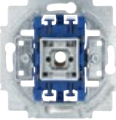


Rocker switches / push switches


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

¹⁾ 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)

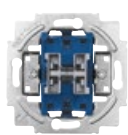
²⁾ With screw-type terminals. Non-illuminable.

	Rocker Switch Mechanism ¹⁾ Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way		
	2400/6 US-500	2CKA001012A2232	10/100
	2gang 1way		
	2400/5 US-500	2CKA001012A2234	10
	1gang		
	2400/7 US-500	2CKA001012A2236	10


¹⁾ 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)

	Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/6/6US-101-500	2CKA001011A0928	10/100

¹⁾ 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)

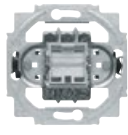
Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2400/6/6US-101-500	2CKA001022A0663	10

¹⁾ 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)

	Rocker Switch Mechanism ^{1) 2)} DP, 1gang 1way For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/2 US-101-500	2CKA001012A2193	10/100


¹⁾ 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)

²⁾ Also for switching SCHUKO® socket outlets.

	Rocker Switch Mechanism ^{1) 2)} 3-pole, 1gang 1way switch Rated voltage: 400 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/3 US	2CKA001011A0816	10

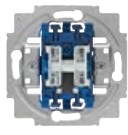
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ With screw-type terminals. Non-illuminable.

	Rocker Switch Mechanism ¹⁾ With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way ²⁾		
	2000/6 USGL-500	2CKA001012A2194	10/100
	2gang 1way		
	2000/5 USGL	2CKA001012A1135	10

¹⁾ 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)


²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

	Rocker Switch Mechanism, control ¹⁾ 2gang 1way with LED, Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2400/5 USK-500	2CKA001012A2238	10


¹⁾ 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)


carat®

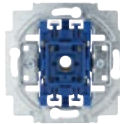
Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Rocker Switch Mechanism, control 1) 2) 3) With neon lamp. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1	1gang 2way with N-terminal		
	2000/6 USK-500	2CKA001022A0659	10/100
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10

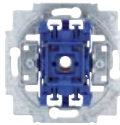
¹⁾ With 1 mA neon lamp.²⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

 Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal With neon lamp. Rated voltage: 250 V~, Rated current: 16 AX Protection class (Device): IP 20IEC 60669-1	2400/6 USK-500	2CKA001022A0661	10
--	-----------------------	-----------------	----


¹⁾ With 1 mA neon lamp.²⁾ 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)³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

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

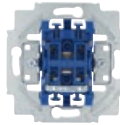
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 Push-switch mechanism 1) SP, with normally open contact (operating current) With 2 independent signalling contacts. Rated voltage: 250 V~ Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1	2020 US-201	2CKA001413A0483	10
---	--------------------	-----------------	----

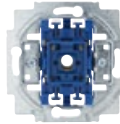
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

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

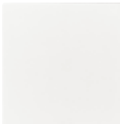
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.³⁾ For relay and touch dimmer applications.


Product	Article-No.	Order-No.	Pack/Qty
 Push-switch mechanism 1) With one input terminal and 2 actuating covers. Rated voltage: 250 V~ Inputs: 1 Outputs: 2x Normally open contact Rated current: 10 A Protection class (Device): IP 20IEC 60669-1	2020 US-205-500	2CKA001413A1105	10/100


¹⁾ 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)

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

¹⁾ 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)


 Rocker For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20	anthracite	1786-81-500	2CKA001751A3079	10/100
	ivory white	1786-82-500	2CKA001751A3083	10/100
	studio white	1786-84-500	2CKA001751A3074	10/100


 Rocker For flush-mounted switch 2g 1w, 2g push switch. Protection class (Device): IP 20	anthracite	1785-81	2CKA001751A2930	10
	ivory white	1785-82	2CKA001751A2744	10/100
	studio white	1785-84-500	2CKA001751A3076	10/100


 Rocker As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20	anthracite	1785 K-81-500	2CKA001751A3122	10
	ivory white	1785 K-82-500	2CKA001751A3124	10
	studio white	1785 K-84-500	2CKA001751A3128	10



carat®


Rocker switches / push switches


Product	Article-No.	Order-No.	Pack/Qty
 Rocker with small red spherical cap As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
anthracite	1789-81	2CKA001751A2928	10
ivory white	1789-82	2CKA001751A2813	10
studio white	1789-84-500	2CKA001751A3091	10/100


 Rocker with small transparent lens As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
anthracite	1789 N-81	2CKA001751A3147	10/100
ivory white	1789 N-82	2CKA001751A3148	10/100
studio white	1789 N-84-500	2CKA001751A3151	10/100


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


 Switch rocker with marking with small transparent lens With bell symbol. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20			
anthracite	2520 LI-81	2CKA001751A3186	10/100
ivory white	2520 LI-82	2CKA001751A3187	10/100
studio white	2520 LI-84-500	2CKA001751A3190	10/100


 Switch rocker with marking with key symbol With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
anthracite	2520 TR-81	2CKA001751A3196	10/100
ivory white	2520 TR-82	2CKA001751A3197	10/100
studio white	2520 TR-84	2CKA001751A3199	10/100

 Switch rocker with marking with bell symbol With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20			
anthracite	2520 KI-81	2CKA001751A3176	10/100
ivory white	2520 KI-82	2CKA001751A3177	10/100
studio white	2520 KI-84-500	2CKA001751A3180	10/100

 Switch rocker with marking with small transparent lens With symbol. As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
anthracite	1789 LI-81	2CKA001751A2931	10
ivory white	1789 LI-82	2CKA001751A2745	10
studio white	1789 LI-84-500	2CKA001751A3084	10/100

 Switch rocker with marking with small transparent lens With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
anthracite	1789 TR-81	2CKA001751A2933	10
ivory white	1789 TR-82	2CKA001751A2747	10
studio white	1789 TR-84	2CKA001751A2755	10

 Switch rocker with marking with small transparent lens With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20			
anthracite	1789 KI-81	2CKA001751A2932	10
ivory white	1789 KI-82	2CKA001751A2746	10
studio white	1789 KI-84	2CKA001751A2754	10


 Rocker ¹⁾ ²⁾ with labelling field With bell symbol. With pilot lamp for uniform illumination of the labelling field. For flush-mounted push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20			
anthracite	1764 NLI/KI-81	2CKA001731A3998	10/100
ivory white	1764 NLI/KI-82	2CKA001731A3999	10/100
studio white	1764 NLI/KI-84-500	2CKA001731A4002	10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.



carat®


Rocker switches / push switches


Product	Article-No.	Order-No.	Pack/Qty
 Rocker ¹⁾ ²⁾ with labelling field With pilot lamp for uniform illumination of the labelling field. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20			
anthracite	1764 NLI-81	2CKA001731A1552	10
ivory white	1764 NLI-82	2CKA001731A1876	10
studio white	1764 NLI-84	2CKA001731A1877	10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.


 Switch rocker with marking with small red spherical cap With imprint "0" and "I". 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	1788-81	2CKA001751A2927	10
ivory white	1788-82	2CKA001751A2742	10
studio white	1788-84	2CKA001751A2750	10/100


 Switch rocker with marking with small red spherical cap With marking "Heizung". 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	1789 H-81	2CKA001751A2929	10
ivory white	1789 H-82	2CKA001751A2743	10
studio white	1789 H-84	2CKA001751A2751	10


 Card switch 10 A ¹⁾ SP, with normally open contact (operating current) Illuminable. With N terminal. Rated voltage: 250 V~, Rated current: 10 A Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1			
	2025 U	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.		


¹⁾ 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)

 Switch rocker with marking For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. DO NOT DISTURB Protection class (Device): IP 20			
anthracite	1786/11-81	2CKA001751A3207	10
ivory white	1786/11-82	2CKA001751A2997	10
studio white	1786/11-84	2CKA001751A2998	10


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

 Bell push-switch DND/MUR with marking "Do not Disturb" and "Make up Room" two separate LED indicators with screw-type terminal Rated voltage: 250 V~ Rated current: 10 ABS EN 60669-1, IEC 60669-1			
anthracite	2029 UC-81	2CKA001751A3167	1
ivory	2029 UC-82	2CKA001751A3168	1
studio white	2029 UC-84	2CKA001751A3170	1


 Cover plate 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. Protection class (Device): IP 20			
anthracite	1792-81	2CKA001710A3639	10
ivory white	1792-82	2CKA001710A3640	10
studio white	1792-84	2CKA001710A3641	10

 Pull switch ¹⁾ SP, with normally open contact (operating current) With 2-metre pull cord, red handle, and red neon indicator. Rated voltage: 250 V~ Rated current: 10 A			
	2020/01 US-101	2CKA001413A1112	10

¹⁾ 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)


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

¹⁾ 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)

 Rocker open for red pull switch neon indicator For pull switch 2020/xx US. Protection class (Device): IP 20			
anthracite	1720-81	2CKA001731A1914	10
ivory white	1720-82	2CKA001731A1915	10
studio white	1720-84	2CKA001731A1916	10


carat®

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Three-step rotary switch ¹⁾ ²⁾ SP, with zero position With zero position. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	2710 U	2CKA001101A0918	1/10


¹⁾ Install only in conjunction with wall boxes ø 60 mm.


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


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

¹⁾ Install only in conjunction with wall boxes ø 60 mm.

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


	Cover plate with rotary control, with marking As cover for flush mounted three-step rotary switch. With zero position. For insert 2710 U. Protection class (Device): IP 20		
anthracite	2542 DR/01-81	2CKA001710A3644	10
ivory white	2542 DR/01-82	2CKA001710A3645	10
studio white	2542 DR/01-84	2CKA001710A3646	10


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

	Cover plate ¹⁾ for pull switch 2610/6 UC-xx, 2610/6 UJ-xx With screw-type terminal Protection class (Device): IP 20		
anthracite	1796-81	2CKA001753A0308	10
ivory white	1796-82	2CKA001753A0309	10
studio white	1796-84	2CKA001753A0311	10

¹⁾ Exchanging the available cover/cover plate.






Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later). Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.		
	6716 U-500	2CKA006710A0014	1








	Rocker For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.		
anthracite	6736 FoH-81	2CKA006730A0133	1
ivory white	6736 FoH-82	2CKA006730A0134	1
studio white	6736 FoH-84	2CKA006730A0136	1



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁷⁾ 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 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	

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

Product	Article-No.	Order-No.	Pack/Qty
	<p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁷⁾ UP, LED, 2-400 W 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 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>		
<div>     </div>			
6523 UR-103-500	2CKA006512A0345	1/10	



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

carat®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2) 3) 4) 5)} Flush-mounted, LED, 2-100 W Touch dimmer. 2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds with the trailing edge control mode. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6526 U-500	2CKA006512A0323	1/10



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ 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)
⁵⁾ Recommendation: Please use loads and types of one producer.
⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching
 retrofit LEDs (for 2-conductor connection).

 <p>Busch-rotary dimmer ^{1) 2) 3) 4)} flush mounted, R, 60-600 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 600 W IEC 60669-2-1, British Standard EN 60669-2-1</p> 	2250 U-500	2CKA006515A0848	1/10
--	-------------------	-----------------	------

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ Also applicable for 1gang 2way installations.
³⁾ 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)
⁴⁾ Provided with terminal for net disconnection devices.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RL, 20-500 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. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	2247 U-500	2CKA006512A0302	1/10




- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Provided with terminal for net disconnection devices.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ 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)

 <p>Busch-rotary dimmer ^{1) 2) 3) 4) 5)} 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</p> 	6520 U-500	2CKA006520A0227	1/10
--	-------------------	-----------------	------




- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Provided with terminal for net disconnection devices.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ 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)
⁶⁾ Should be mounted in a separate wallbox.


carat®




Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-2gang switch/rotary dimmer ¹⁾ ²⁾ ³⁾ flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p> </p>	6517 U-101-500	2CKA006517A0018	1/10




- ¹⁾ 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)
- ²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- ³⁾ Can be used to replace a 2gang 1way switch.

 <p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ flush mounted, RC, 40-420 W With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 40 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p> </p>	6513 U-102-500	2CKA006513A0586	1/10
--	-----------------------	-----------------	------




- ¹⁾ Not suitable with conventional transformers.
- ²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- ³⁾ In case of electronic transformers, 5 % transformer losses.
- ⁴⁾ Provided with terminal for net disconnection devices.
- ⁵⁾ Also applicable for 1gang 2way installations.
- ⁶⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ flush mounted, RC, 40-420 W DP switched With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. DP cut off (P,N) Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p> </p>	6514 U-500	2CKA006514A0115	1

- ¹⁾ Not suitable with conventional transformers.
- ²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
- ³⁾ In case of electronic transformers, 5 % transformer losses.
- ⁴⁾ Provided with terminal for net disconnection devices.
- ⁵⁾ Also applicable for 1gang 2way installations.
- ⁶⁾ 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)

 <p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ flush mounted, RLC, 60-420 W with soft-catch With intelligence for universal operation. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p> </p>	6591 U-101-500	2CKA006513A0588	1/10
---	-----------------------	-----------------	------



- ¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.
- ²⁾ In case of electronic transformers, 5 % transformer losses.
- ³⁾ In the case of conventional transformers, take ~20% transformer loss into account.
- ⁴⁾ 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)
- ⁵⁾ Cannot be combined with a 2way switch.

 <p>Busch-rotary dimmer, extension ¹⁾ ²⁾ flush mounted for connection to 6591 U-101, To be used with Busch-Dimmer®, MDRC 6583. with soft-catch A maximum of 5 multi-way extensions can be connected to a 6591U-101, Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz</p> <p> </p>	6592 U-500	2CKA006513A0590	1
---	-------------------	-----------------	---


- ¹⁾ Control elements 2115-xxx and 6540-xxx.
- ²⁾ Required for illuminating the N-connection control element.




Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ 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

¹⁾ Non-illuminable.²⁾ Use cover plates 2115 J-.../2115-.../6540-...³⁾ 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)⁴⁾ Making-current limiters have to be provided in case of too high making currents.

	Busch-rotary dimmer ¹⁾ 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 proof. 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 ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116 U	2CKA006599A3025	1


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ Flush-mounted, DALI, with internal power supply, tunable white 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116/11 U	2CKA006599A3026	1


¹⁾ 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)


carat®


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ flush mounted, DALI 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 proof. 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. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117 U-500	2CKA006599A2987	1

¹⁾ 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)


	Busch-rotary dimmer ¹⁾ flush mounted, DALI, with internal power supply 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. 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117/11 U-500	2CKA006599A2988	1

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ¹⁾ ²⁾ flush mounted, RL, 25-500 W With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Parallel operation of several transformers and/or incandescent lamps possible. Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
	6560 U-101-500	2CKA006560A1207	1/10

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

²⁾ 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)

	Busch touch-dimmer range ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, RC, 45-315 W For switching and dimming 2 independent devices. With trailing edge control. 2gang 1way For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Compatible with control covers 6545-xxx. Without cover, without cover plate. Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz IEC 60669-2-1, British Standard EN 60669-2-1		
	6565 U-500	2CKA006565A0057	1/10

¹⁾ Not suitable with conventional transformers.



²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ 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)



⁴⁾ Does not provide an extension input.

carat®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 and 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6593 U-500	2CKA006590A0171	1/10


- ¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.
²⁾ In case of electronic transformers, 5 % transformer losses.
³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.
⁴⁾ 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)

 <p>Busch-Dimmer®, capacity booster ¹⁾ flush mounted, RLC, 200-315 W The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101 For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 200 - 315 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6594 U-500	2CKA006590A0172	1
---	-------------------	-----------------	---


- ¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ¹⁾ ²⁾ ³⁾ flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). For LED control via control gears Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6550 U-101-500	2CKA006550A0042	1

- ¹⁾ Non-illuminable.
²⁾ 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)
³⁾ with integrated making-current limiter

 <p>Cover plate ¹⁾ 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.</p>			
anthracite	6540-81-102	2CKA006599A2950	10
ivory white	6540-82-102	2CKA006599A2951	10/100
studio white	6540-84-102-500	2CKA006599A3009	10/100


- ¹⁾ Replacement neon lamp, Art. No. 3855.

 <p>Control element ¹⁾ ²⁾ ³⁾ 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.</p>			
anthracite	6543-81-101	2CKA006599A2881	1/10
ivory white	6543-82-101	2CKA006599A2831	1/10
studio white	6543-84-101-500	2CKA006599A3010	1/10


- ¹⁾ Compatible with previous type 6543-xxx.
²⁾ Touch-type Controller 6550 U-xxx non-illuminable.
³⁾ Replacement neon lamp 3857.




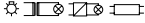
Dimmers


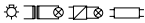
Product	Article-No.	Order-No.	Pack/Qty
 Control element ¹⁾ with neon lamp Combinable with Busch-Memory 2gang dimmer 6565 U.			
anthracite	6545-81	2CKA006599A2906	1/10
ivory white	6545-82	2CKA006599A2907	1/10
studio white	6545-84	2CKA006599A2908	1/10

¹⁾ Replacement neon lamp 3857.

 Cover plate for cooling element For Busch-Universal master dimmer power module 6594 U. For room temperature controller object range 6108/0x and base for blind cover 6930/01.			
anthracite	6541-81	2CKA006599A2882	10
ivory white	6541-82	2CKA006599A2832	10
studio white	6541-84	2CKA006599A2835	10

Movement detectors / comfort switches



Product	Article-No.	Order-No.	Pack/Qty
 Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 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 °C60669-2-1 			
	6401 U-102-500	2CKA006401A0049	1/10



 Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x 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): 0 °C to 35 °C British Standard EN 60669-2-1 			
	6402 U-500	2CKA006401A0051	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.
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.




Movement detectors / comfort switches


Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Watchdog relay mechanism 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V, +10 % / -10 % Rated frequency: 50 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 power: 700 W/VA</p> <p>Temperature range (Device): 0 °C to 55 °C British Standard EN 60669-2-1</p> 	6812 U-101-500	2CKA006800A2160	1/10

 <p>Busch-Watchdog MOS-Fet Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ 2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA</p> <p>Temperature range (Device): 0 °C to 35 °C British Standard EN 60669-2-1</p> 	6804 U-101-500	2CKA006800A2219	1/10
---	-----------------------	-----------------	------

¹⁾ In case of electronic transformers, 5 % transformer losses.²⁾ In the case of conventional transformers, take ~20% transformer loss into account.³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.⁴⁾ Not suitable for activating the staircase time delay.⁵⁾ Cannot be used to control relays.⁶⁾ Requires an NIS international socket, E-No. 372507676.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Watchdog extension insert ¹⁾ 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): 0 °C to 35 °C</p>	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		


¹⁾ Not combinable with relay switch insert 6812 U-101.

 <p>Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ with select-lens For automatic switching of devices dependent on motion and brightness. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 18 sectors with 72 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 12 m, lateral: 8 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C</p>	6800-81-104	2CKA006800A2268	1
anthracite	6800-82-104	2CKA006800A2099	1/10
ivory white	6800-84-104	2CKA006800A2101	1/10
studio white			

¹⁾ Please order the respective flush-mounted insert separately.






Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ ²⁾ with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	anthracite	6800-81-104M	2CKA006800A2269 1
	ivory white	6800-82-104M	2CKA006800A2100 1
	studio white	6800-84-104M	2CKA006800A2102 1/10

¹⁾ Installation: slide switch top.

²⁾ Please order the respective flush-mounted insert separately.

	Cover plate Proximity switch For proximity switch 6406 U.		
	anthracite	6476-81	2CKA006470A0007 1/10
	ivory white	6476-82	2CKA006470A0003 10
	studio white	6476-84	2CKA006470A0004 10



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/01 U-500	2CKA006400A0085	1

	Universal e-contact insert ¹⁾ 2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 20 - 180 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 20 - 180 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/04 U-500	2CKA006400A0088	1

¹⁾ Only use dimmable high voltage LEDs.

carat®

Movement detectors / comfort switches



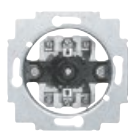
Product	Article-No.	Order-No.	Pack/Qty
	Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1
	Busch-Comfort switch control element ^{1) 2)} with neon lamp Movement detector/push-button switch combination. Push switch function possible at all times. For switching lighting systems that depend on brightness and movement. Extension of the detection range by means of master/slave combination. Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semi-automatic, manual switch-on, automatic (time and motion-controlled) switch-off. Adjustable operating mode: automatic switch-on, manual switch-off. With continuous light/continuous off function. Adjustment elements on the rear. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED for status display. Detection range: frontal: 5 m, lateral: 3 m, Mounting height: 1.1 m Detection angle: 170 ° Brightness limit value: 0.5 Lux - 500 Lux, Daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm DIN EN 60669-2-1		
anthracite	6815-81-101-500	2CKA006800A2828	1
ivory white	6815-82-101-500	2CKA006800A2830	1
studio white	6815-84-101-500	2CKA006800A2834	1

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ The range specifications refer to an ambient temperature of 21 °C.

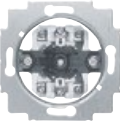
³⁾ Surface painted.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Key Switch Insert ^{1) 2) 3)} breaking circuit, 1-pole For profile semi-cylindrical lock. In switched-on and switched-off status the key can be pulled out in the central position, respectively. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	2733 USL-101	2CKA001101A0914	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.		
¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.) ²⁾ Use the cylindrical lock according to the enclosed drawing. ³⁾ See profile semi-cylindrical lock.			
	Blind switch insert ^{1) 2)} With interlock. Rated voltage: 250 V~ Rated current: 10 AX IEC60669-1, British Standard EN 60669-1		
	SP, switch		
	2000/4 US-500	2CKA001012A2197	10/100
	SP, push switch.		
	2020/4 US-500	2CKA001413A1103	10/100
¹⁾ 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) ²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.			
	Blind switch insert ^{1) 2)} With rotary knob/switch and push switch. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1		
	DP ³⁾		
	2712 U	2CKA001101A0534	10
	SP, N, E		
	2713 U	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.		


carat®


Blind control / timers

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

¹⁾ 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)

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

³⁾ Also suitable for controlling direct voltage drives.

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


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

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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

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


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


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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.


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

 <p>Comfort blind insert ¹⁾ ²⁾ ³⁾ with memory and positioning function For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob. Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off. Suitable for operation without neutral conductor. Without an extension input. Power reserve of 45 minutes (maintenance-free as capacitor). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 1.3 A, cos ϕ 0.5 Rated power: 300 VA</p> <p>Temperature range (Device): 0 °C to 35 °C</p>	6419 U	2CKA006410A0390	1/10

¹⁾ Pertinent cover plates 6436-xx.

²⁾ 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.

³⁾ Only suitable for single unit control.

 <p>Basic blind insert ¹⁾ ²⁾ 2-wire blind insert 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 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos ϕ 0.5 Rated power: 690 VA</p> <p>Temperature range (Device): 0 °C to 35 °C</p>	6418 U-500	2CKA006410A0376	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.

¹⁾ N-conductor connection required for operation with control cover 6430-xx, illuminated.


²⁾ 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.





Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Blind control II switch insert ¹⁾ 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. Running time: 3 min Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA Control/Signal outputs: 2 Temperature range (Device): 0 °C to 35 °C		
	6411 U-500-101	2CKA006410A0378	1/10


¹⁾ Compatible with types 6411 U/x.


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


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

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Short-time timer insert ¹⁾ 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		
	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		

¹⁾ 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)

	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		
	anthracite	1785 JA-81	2CKA001751A2934 10
	ivory white	1785 JA-82	2CKA001751A2748 10
	studio white	1785 JA-84-500	2CKA001751A3088 10/100

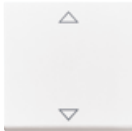
	Cover plate with rotary control, with marking As cover for flush-mounted blind control switch/push switch. For inserts 2712 U, 2713 U and 2722 U, 2723 U. Protection class (Device): IP 20		
	anthracite	1740-81	2CKA001710A3623 10
	ivory white	1740-82	2CKA001710A3154 10
	studio white	1740-84	2CKA001710A3172 10/100


	Cover plate ¹⁾ 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		
	anthracite	1755 SL/PZ-81-101	2CKA001710A3626 10
	ivory white	1755 SL/PZ-82-101	2CKA001710A3157 10
	studio white	1755 SL/PZ-84-101	2CKA001710A3175 10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.




Blind control / timers


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.			
anthracite	6430-81-102	2CKA006430A0326	1/10
ivory white	6430-82-102	2CKA006430A0327	1/10
studio white	6430-84-102-500	2CKA006430A0400	1/10

 Cover plate ¹⁾ with rotary knob For comfort blinds insert 6419 U.			
anthracite	6436-81	2CKA006430A0387	10
ivory white	6436-82	2CKA006430A0356	10
studio white	6436-84	2CKA006430A0358	10


¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.

 Standard timer control element ¹⁾ 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

¹⁾ See respective cover plates 6435-xx.

Product	Article-No.	Order-No.	Pack/Qty
 Comfort timer control element ¹⁾ 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			
	6455-101-500	2CKA006410A0399	1/10

¹⁾ See respective cover plates 6435-xx.


 Time switch mechanism 16 A ¹⁾ ²⁾ DP, break contact for staircases, exterior lighting, fans, etc. Running time: 15 min For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos φ 0.25 Protection class (Device): IP 20			
	1070 U	2CKA001043A0025	1/10

¹⁾ For screw-fixing only


²⁾ 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)


carat®


Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
 Time switch mechanism 16 A^{1) 2)} DP, break contact for staircases, exterior lighting, fans, etc. Running time: 120 min For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos φ 0.25 Protection class (Device): IP 20	1071 U	2CKA001043A0124	1


¹⁾ For screw-fixing only²⁾ 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)


 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. For Busch-CO2 sensor 1091 U-500.	anthracite	6435-81	2CKA006430A0303	10
	ivory white	6435-82	2CKA006430A0304	10
	studio white	6435-84	2CKA006430A0306	10

 Cover plate with rotary knob, with marking For Busch-Timer insert 1070 U. Running time: 15 min Protection class (Device): IP 20	anthracite	1770-81-103	2CKA001753A0255	10
	ivory white	1770-82-103	2CKA001753A0256	10
	studio white	1770-84-103	2CKA001753A0258	10


 Cover plate with rotary knob, with marking For Busch-Timer insert 1071 U. Running time: 120 min Protection class (Device): IP 20	anthracite	1771-81-103	2CKA001753A0265	10
	ivory white	1771-82-103	2CKA001753A0266	10
	studio white	1771-84-103	2CKA001753A0301	10

Socket outlets


Product	Article-No.	Order-No.	Pack/Qty	
	SCHUKO® socket outlet With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20			
	anthracite	20 EUC-81-500	2CKA002011A6215	10/100
	ivory white	20 EUC-82-500	2CKA002011A6214	10/100
	studio white	20 EUC-84-500	2CKA002011A6207	10/100

 SCHUKO® socket outlet¹⁾ shuttered With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20	anthracite	20 EUCKS-81	2CKA002013A5265	10
	ivory white	20 EUCKS-82-500	2CKA002013A5376	10/100
	studio white	20 EUCKS-84-500	2CKA002013A5372	10/100

¹⁾ Increased shock protection.

 SCHUKO® USB socket outlet^{1) 2) 3)} shuttered With screwless terminals. DP (2 P + E). For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: SCHUKO® socket outlet Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm	anthracite	20 EUCBUSB-81-500	2CKA002011A6176	1
	ivory white	20 EUCBUSB-82-500	2CKA002011A6177	1
	studio white	20 EUCBUSB-84-500	2CKA002011A6179	1/10


¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.²⁾ No data transfer.³⁾ Use dust cover 2098 when cleaning the device.

 SCHUKO® socket outlet steplight^{1) 2)} With night orientation light with separate connection cables for switch contact. with LED, Shuttered. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20	anthracite	20 EUCBLI-81	2CKA002013A5459	1
	ivory white	20 EUCBLI-82	2CKA002013A5292	1
	studio white	20 EUCBLI-84	2CKA002013A5294	1


¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.²⁾ Resistant to aggressive media, e.g. ammonia, benzene, oils, greases, alcohol, cleansing agents, in normal concentrations.


carat®


Socket outlets

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


	SCHUKO® socket outlet ¹⁾ with marking "EDV" With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUCKS/DV-81	2CKA002013A5266 10
	ivory white	20 EUCKS/DV-82	2CKA002013A5267 10
	studio white	20 EUCKS/DV-84	2CKA002013A5268 10


¹⁾ Increased shock protection.

	Busch-Protector® SCHUKO® socket outlet ¹⁾ with overvoltage protection DP (2 P + E) With integrated and external signalling contact. 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. Arrestor test class: classification Type 2 Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	2310 EUGL/VA-81-11	2CKA002011A3830 1
	ivory white	2310 EUGL/VA-82-11	2CKA002011A3831 1
	studio white	2310 EUGL/VA-84-11	2CKA002011A3833 1
	red RAL 3020	2310 EUGL/VA-12-82-101	2CKA002011A6257 1/10


¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

	SCHUKO® socket outlet with LED control light Shuttered. DP (2 P + E) With transparent lens. LED colour green. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUCBL-81	2CKA002013A5457 10
	ivory white	20 EUCBL-82	2CKA002013A5284 10
	studio white	20 EUCBL-84	2CKA002013A5286 10

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet with hinged lid With screwless terminals. DP (2 P + E) Hinged lid notches when opened. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUK-81	2CKA002018A1486 10
	ivory white	20 EUK-82	2CKA002018A1465 10
	studio white	20 EUK-84-500	2CKA002018A1509 10/100


	Busch-Object socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Incl. Cover plate with extract mechanism. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUAB-81	2CKA002013A5404 10
	ivory white	20 EUAB-82	2CKA002013A5405 10
	studio white	20 EUAB-84	2CKA002013A5407 10

¹⁾ Increased shock protection.

	Socket outlet ¹⁾ ²⁾ with earthing pin With screwless terminals. Shuttered. DP (2 P + E). For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Suitable for the countries like Poland, Czech Republic. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: Socket outlet connection Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm		
	anthracite	20 MUCBUSB-81-500	2CKA002017A0893 1
	ivory white	20 MUCBUSB-82-500	2CKA002017A0875 1
	studio white	20 MUCBUSB-84-500	2CKA002017A0876 1







¹⁾ No data transfer.






²⁾ Use dust cover 2098 when cleaning the device.

	Shaver socket outlet For installation into FM 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 20 VA		
	anthracite	2332 UJBS-81	2CKA002130A0297 1
	ivory	2332 UJBS-82	2CKA002130A0290 1
	studio white	2332 UJBS-84	2CKA002130A0292 1



Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	Flush-mounting wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm		
	3030	2CKA001741A0067	4
	Flush-mounting cavity wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm		
	3031	2CKA001741A0068	4
	13 A Switched socket outlet 1gang With screw-type terminals. SP switched. Without claws. Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122. Rated voltage: 250 V~ Rated current: 13 ABS 1363: part2		
	anthracite	2190 EUC-81	2CKA002190A0216 10/100
	ivory	2190 EUC-82	2CKA002190A0213 10/100
	studio white	2190 EUC-84	2CKA002190A0215 10/100
	2gang European/American socket outlet, 10A 2gang With screw-type terminals. SP switched. Without claws. Rated voltage: 250 V~ Rated current: 10 A		
			delivery on request
	anthracite	2192-02 UC-81-500	
			delivery on request
	ivory white	2192-02 UC-82-500	
			delivery on request
	studio white	2192-02 UC-84-500	
	Socket outlet ¹⁾ with earth pin With screwless terminals. Suitable for the countries: Belgium, Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A		
	20 M-500	2CKA002017A0854	10/100
¹⁾ Insert can be used for all covers 2399 UCKS-xx.			
	Socket outlet cover frame shuttered For socket outlet insert 20 M-500.		
	anthracite	2399 UCKS-81	2CKA002099A0216 10
	ivory	2399 UCKS-82	2CKA002099A0211 10
	studio white	2399 UCKS-84	2CKA002099A0214 10


Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet with earthing pin With screwless terminals. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 MUC-82-500	2CKA002017A0785 10/100
	studio white	20 MUC-84-500	2CKA002017A0786 10/100
	Chinese socket outlet, 10 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A		
	anthracite	2193 EUC/10-81-500	CBA019A121S4010 10/40
			delivery on request
	ivory white	2193 EUC/10-82-500	
			delivery on request
	studio white	2193 EUC/10-84-500	
	Chinese socket outlet, 16 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 16 A		
	anthracite	2193 EUC/16-81-500	CBA019A112S4010 10/40
			delivery on request
	ivory white	2196 EUC/16-82-500	
			delivery on request
	studio white	2193 EUC/16-84-500	
	Chinese and Euro American socket outlet, 10 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A		
			delivery on request
	anthracite	2195 EUC/10-81-500	
			delivery on request
	ivory white	2195 EUC/10-82-500	
			delivery on request
	studio white	2195 EUC/10-84-500	
	International socket outlet 13A ¹⁾ 1gang With screw-type terminals. Without claws. Rated voltage: 250 V~ Rated current: 13 A		
	anthracite	2197 EUC-81-500	CBA019A071S4010 10/40
	ivory white	2197 EUC-82-500	CBA019A071S3010 10/40
	studio white	2197 EUC-84-500	CBA019A071S1010 10/40

¹⁾ Usage may be restricted in certain countries.



carat®

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Euro American socket outlet with earth, 16 A 1gang With screw-type terminals. Without claws. Rated voltage: 250 V~ Rated current: 16 A		
	anthracite	2196 EUC-81-500	CBA019A082S4010 10/40
	ivory white	2196 EUC-82-500	CBA019A082S3010 10/40
	studio white	2196 EUC-84-500	CBA019A082S1010 10/40


	SCHUKO® socket outlet without claw 1) shuttered Without claws. With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUCRB-81	2CKA002013A5437 10/100
	ivory white	20 EUCRB-82	2CKA002013A5438 10/100
	studio white	20 EUCRB-84-500	2CKA002013A5441 10/100

¹⁾ Increased shock protection.


	SCHUKO® socket outlet 1) 2) shuttered With screw-type terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	2300 EUCB-81	2CKA002013A5448 10
	ivory white	2300 EUCB-82	2CKA002013A5449 10/100
	studio white	2300 EUCB-84	2CKA002013A5451 10/100

¹⁾ Increased shock protection.

²⁾ With screw-type terminals


	Busch-Socket outlet 1) shuttered With screwless terminals. DP (2 P + E) With eject mechanism. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUCBDR-81	2CKA002013A5415 10
	ivory white	20 EUCBDR-82	2CKA002013A5416 10
	studio white	20 EUCBDR-84	2CKA002013A5418 10

¹⁾ Increased shock protection.

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

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Increased shock protection.

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


¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

³⁾ Increased shock protection.

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

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.


	SCHUKO® socket outlet 1) with hinged lid and internal increased shock protection Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKB-81	2CKA002018A1517 10/100
	ivory white	20 EUKB-82	2CKA002018A1518 10/100
	studio white	20 EUKB-84	2CKA002018A1520 10/100
	anthracite ²⁾	20 EUKBR-81	2CKA002018A1526 10/100
	ivory ²⁾	20 EUKBR-82	2CKA002018A1527 10/100
	studio white ²⁾	20 EUKBR-84	2CKA002018A1529 10/100

¹⁾ Increased shock protection.

²⁾ Without claw.

carat®


Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ^{1) 2) 3)} with hinged lid and labelling field Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNB-81	2CKA002018A1537 10/100
	ivory white	20 EUKNB-82	2CKA002018A1538 10/100
	studio white	20 EUKNB-84	2CKA002018A1540 10/100


¹⁾ Increased shock protection.

²⁾ The labels are clamped under the labelling field.


³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	SCHUKO® socket outlet ¹⁾ with hinged lid and lock Shuttered. With screwless terminals. DP (2 P + E) With different lock mechanism. Delivery includes 2 keys. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNBSL-81	2CKA002018A1557 10
	ivory white	20 EUKNBSL-82	2CKA002018A1559 10
	studio white	20 EUKNBSL-84	2CKA002018A1563 10

¹⁾ Increased shock protection.

	SCHUKO® socket outlet ¹⁾ with hinged lid and lock Shuttered. With screwless terminals. DP (2 P + E) With evenly engaging lock. Delivery includes 2 keys. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNBSL-81-101	2CKA002018A1558 10
	ivory white	20 EUKNBSL-82-101	2CKA002018A1560 10
	studio white	20 EUKNBSL-84-101	2CKA002018A1564 10

¹⁾ Increased shock protection.


	SCHUKO® socket outlet ^{1) 2) 3)} with hinged lid, labelling field and LED control light Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNBL-81	2CKA002018A1548 10/100
	ivory white	20 EUKNBL-82	2CKA002018A1549 10/100
	studio white	20 EUKNBL-84	2CKA002018A1551 10/100

¹⁾ Increased shock protection.

²⁾ The labels are clamped under the labelling field.


³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

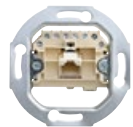
Data communication

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

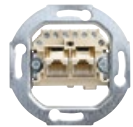
¹⁾ Suitable for cover plate 1803-xxx.

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

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

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


¹⁾ Suitable for cover plate 1803-xxx.

	Universal data connection box with down-leading outlet ¹⁾ 2gang internally parallel connected With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0214	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	


¹⁾ Suitable for cover plate 1803-02-xxx.


carat®


Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Universal data connection box with down-leading outlet ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0215	2CKA000230A0243	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			


¹⁾ Suitable for cover plate 1803-02-xxx.

	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang 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 wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20		
	0218/11-101	2CKA000230A0409	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.		


¹⁾ Suitable for cover plate 1803-xxx.

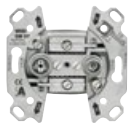
Product	Article-No.	Order-No.	Pack/Qty
	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 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		
	0218/12-101	2CKA000230A0411	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.		

¹⁾ Suitable for cover plate 1803-02-xxx.

	Universal data connection box 8(6)/ telephone unit 6F+N - connection box ¹⁾ 2 x 6-pole 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	UAE 8(6)TAE 6 F+N	2CKA000230A0381 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.		

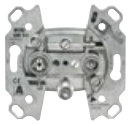
¹⁾ Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.


	Satellite co-axial outlets 2 connectors/dead-end feeder 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		
	0230-101	2CKA000230A0250	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.		


	Antenna socket insert Radio/TV 2 connectors/loop through type 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		
	0231-101	2CKA000230A0268	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.		


carat®

Data communication


Product	Article-No.	Order-No.	Pack/Qty
	Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder 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		
	0232-101-500	2CKA000230A0463	10/100

	Terminating resistor 75 Ohm Protection class (Device): IP 20		
	0239	2CKA000230A0201	10/100

	Mounting plate ¹⁾ ²⁾ with green insert 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		
	1810-500	2CKA001753A9974	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with red insert 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		
	1812-500	2CKA001753A9972	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

Product	Article-No.	Order-No.	Pack/Qty
	Mounting plate ¹⁾ ²⁾ with black insert For MTRJ or 2 modular jack inserts. 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. For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ. Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm. Without claws. Protection class (Device): IP 20		
	1814-500	2CKA001753A9973	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with blue insert For 2 modular jack inserts. For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III. Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm. Without claws. Protection class (Device): IP 20		
	1816	2CKA001710A3100	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with orange base For 2 modular jack inserts. For system: LexCom 150 and LexCom 250. Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm. Without claws. Protection class (Device): IP 20		
	1819	2CKA001753A8056	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.


²⁾ For further information, please refer on the Internet.


	Mounting plate ¹⁾ ²⁾ with grey base For 2 modular jack inserts. For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules. Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws. Protection class (Device): IP 20		
	1820	2CKA001753A8057	10/100

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.


²⁾ For further information, please refer on the Internet.


	Flush-mounted assembly adapter For the accommodation of one or two universal modules 0219. For flush-mounted installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	0219/12	2CKA000230A0395	1/10


Product	Article-No.	Order-No.	Pack/Qty
	Channel assembly adapter For the accommodation of one or two universal modules 0219. For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	0219/13	2CKA000230A0396	1/10


	Universal module, RJ 45, cat. 6a iso, shielded 1) 1gang For installation in installation adapter 0219/12 or 0219/13. Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. 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. Cat. 6A 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. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Bend-radius optimised cable feed (30°). Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. 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 For data cables with a diameter of 6 -10 mm. For wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20		
	0219-101	2CKA000230A0413	1/10


¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.


	Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0210	2CKA000225A0078	10

	Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0211	2CKA000225A0086	10


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

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

	Blank plate with metal mounting plate Protection class (Device): IP 20		
anthracite	1742-81	2CKA001710A3612	10
ivory white	1742-82	2CKA001710A3143	10
studio white	1742-84-500	2CKA001710A3991	10/100

	Cover plate 1) with flex outlet As cover for flex outlet, for cords up to 10.3 mm diameter. With strain relief (without terminal block). Protection class (Device): IP 20		
anthracite	1749-81	2CKA001710A3614	10
ivory white	1749-82	2CKA001710A3145	10
studio white	1749-84	2CKA001710A3163	10/100


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

	Cover plate 1) with flex outlet As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK). BTR (universal data connecting unit design and IAE design). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20		
anthracite	1803-81	2CKA001710A3616	10
ivory white	1803-82	2CKA001710A3147	10
studio white	1803-84-500	2CKA001710A1550	10/100


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.





Data communication

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ 2gang As cover for universal data connection boxes. 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). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20			
anthracite	1803-02-81	2CKA001710A3615	10
ivory white	1803-02-82	2CKA001710A3146	10
studio white	1803-02-84-500	2CKA001710A1551	10/100


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20			
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
studio white	1766-84-500	2CKA001710A3992	10/100

 Cover plate As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Protection class (Device): IP 20			
anthracite	1745-81	2CKA001710A3624	10
ivory white	1745-82	2CKA001710A3155	10
studio white	1745-84	2CKA001710A3173	10


 Cover plate ¹⁾ socket outlet Telephone socket (TDO)			
anthracite	1762-81-506	2CKA001710A4103	10/100
ivory white	1762-82-506	2CKA001710A4104	10/100
studio white	1762-84-506	2CKA001710A4106	10/100


¹⁾ Suitable insert: TDO 3x10 OUP (for 1 telephone and 2 auxiliary devices).


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ^{1) 2)} as cover for standard Radio/TV/SAT socket outlets With 2 connectors Acc. to German Standard DIN 45330. Radio/TV/SAT. With M3 fixing screw. Protection class (Device): IP 20			
anthracite	1743-81	2CKA001724A4252	10
ivory white	1743-82	2CKA001724A2758	10
studio white	1743-84-500	2CKA001724A4332	10/100

¹⁾ Third opening can be knocked out.


²⁾ See inserts for satellite coaxial socket outlets.

 Cover plate As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann. Protection class (Device): IP 20			
anthracite	1743-04-81	2CKA001724A4374	10
ivory white	1743-04-82	2CKA001724A4375	10
studio white	1743-04-84	2CKA001724A4377	10

 Cover plate As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Protection class (Device): IP 20			
anthracite	1743/10-04-81	2CKA001724A4365	10
ivory white	1743/10-04-82	2CKA001724A4366	10
studio white	1743/10-04-84	2CKA001724A4368	10/100


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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


 Cover plate modular jack, For 1 modular jack. Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws. Protection class (Device): IP 20			
anthracite	2561-81	2CKA001753A0400	10
ivory white	2561-82	2CKA001753A0401	10
studio white	2561-84	2CKA001753A0403	10



carat®


Data communication

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate modular jack, For 2 modular jack inserts. Suitable for Art. No. 0210 and 0211. Without claws. Protection class (Device): IP 20			
anthracite	2561-02-81	2CKA001753A0317	10
ivory white	2561-02-82	2CKA001753A0392	10
studio white	2561-02-84	2CKA001753A0394	10


 Cover plate 50 x 50 mm, For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20			
anthracite	1746/10-81	2CKA001710A3628	10
ivory white	1746/10-82	2CKA001710A3521	10
studio white	1746/10-84-500	2CKA001710A3993	10/100

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


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


 Cover plate 1) With hinged lid. For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20			
anthracite	1746-81	2CKA001710A3618	10
ivory white	1746-82	2CKA001710A3149	10
studio white	1746-84	2CKA001710A3167	10


¹⁾ Combinable only with covers for flush-mounted inserts


Product	Article-No.	Order-No.	Pack/Qty
 Intermediate ring with hinged lid 1) Busch-balance® SI For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate. With sealing ring. With hinged lid. Protection class (Device): IP 44			
anthracite	2518-WD-81	2CKA001719A0217	10
ivory white	2518-WD-82	2CKA001719A0218	10
studio white	2518-WD-84	2CKA001719A0220	10

¹⁾ Combinable only with covers for flush-mounted inserts

 XLR centre plate As cover for Neutrik plug connectors, type D series. Without claws. Protection class (Device): IP 20			
anthracite	2553-81	2CKA001724A4399	10
ivory white	2553-82	2CKA001724A4400	10
studio white	2553-84	2CKA001724A4402	10


 Cover plate with metal mounting plate 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. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20			
anthracite	1748-81	2CKA001710A3654	10
ivory white	1748-82	2CKA001710A3655	10
studio white	1748-84	2CKA001710A3656	10


 Cover plate with metal mounting plate As cover for BNC and TNC sockets. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20			
anthracite	1750-81	2CKA001710A3617	10
ivory white	1750-82	2CKA001710A3148	10
studio white	1750-84	2CKA001710A3166	10

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


carat®


Data communication

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate with metal mounting plate With screw-type terminal. Fixed with central locknut. As cover for pilot devices with a diameter of 22.5 mm Without claws. Protection class (Device): IP 20			
anthracite	2533-81	2CKA001724A4254	10
ivory white	2533-82	2CKA001724A4255	10
yellow	2533-82-15	2CKA001724A4382	10
studio white	2533-84	2CKA001724A4256	10

 Cover plate ¹⁾ with metal mounting plate for communication devices. With labelling field 60.2 x 10.2 mm. Without claws. Protection class (Device): IP 20			
anthracite	1758-81	2CKA001724A4253	10
ivory white	1758-82	2CKA001724A2759	10
studio white	1758-84	2CKA001724A2761	10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Busch-DigitalRadio ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ RDS stereo radio alarm clock for flush-mounted installation. Reception frequency: 87.50 MHz - 108.00 MHz. With display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time display. With alarm 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. Rated voltage: 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: 34 mm			
8215 U-500		2CKA008200A0182	1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.



³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ 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.



Multimedia / communication adapters



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Radio iNet 1) 2) 3) 4) 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 		
	8216 U-500	2CKA008200A0153	1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

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

⁴⁾ 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
	Busch-Radio BTconnect 1) 2) 3) 4) RDS stereo radio alarm clock for flush-mounted installation. With Bluetooth interface for music replay of mobile devices. Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time and date display. With alarm clock and snooze function. With short-time timer. 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: 2.1 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 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 47 mm Mounting depth: 32 mm 		
	8217 U-500	2CKA008200A0194	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

	Busch Bluetooth receiver 1) 2) 3) 4) Bluetooth interface for music replay of mobile devices. With integrated amplifier. With external AUX input. For mono/stereo operation. Can be combined with the MDRC amplifier 8208. Admissible loudspeaker impedance: 4 - 16 Ohm Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.0 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 Display elements: LED for status display. 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 45 mm Mounting depth: 32 mm 		
	8219 U	2CKA008200A0198	1/10

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).


⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).



Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Loudspeaker insert ¹⁾ 5 cm (2") For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U. For Busch Bluetooth receiver 8219 U. With broadband characteristics. With flat plug connector. Incl. speaker connection cable. Rated output: 2 W (RMS) Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm Protection class (Device): IP 20, SELV Mounting depth: 32 mm	8223 U-500	2CKA008200A0183	1/10


¹⁾ No claw. Screw-fixing via keyholes.


 Busch-powerDock Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ 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	6473 U-500	2CKA006400A0039	1/10
---	-------------------	-----------------	------

¹⁾ No claw. Screw-fixing via keyholes.²⁾ The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.³⁾ 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.⁴⁾ In these cases the quick-charging function of the terminal device is not enabled.


 Busch-powerDock Charging cradle with Apple lightning connection ¹⁾ For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with lightning connection. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7. For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm	6473-500	2CKA006400A0081	1/10
---	-----------------	-----------------	------

¹⁾ Not released for use with the iPad.

Product	Article-No.	Order-No.	Pack/Qty
 Busch-powerDock Charging cradle with USB-C connection For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm	6473/11-500	2CKA006400A0083	1/10


 USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used: Rated current: 1400 mA Suitable for: In case two output are used: Rated current: 700 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm Mounting depth: 32 mm	6472 U-500	2CKA006400A0002	1
--	-------------------	-----------------	---

¹⁾ No claw. Screw-fixing via keyholes.²⁾ No data transfer.³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.⁴⁾ Use dust cover 2098 when cleaning the device.


 USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used: Rated current: 3 A Suitable for: In case two output are used: Rated current: 1.500 mA 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	6472 U-500-101	2CKA006400A0094	1
--	-----------------------	-----------------	---

Available from November 2019


¹⁾ No claw. Screw-fixing via keyholes.²⁾ No data transfer.³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.⁴⁾ Use dust cover 2098 when cleaning the device.

Product	Article-No.	Order-No.	Pack/Qty
	USB charging station insert ¹⁾ ²⁾ ³⁾ For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm Mounting depth: 32 mm		
	6474 U-500	2CKA006400A0033	1/10

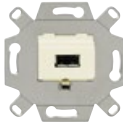
¹⁾ No claw. Screw-fixing via keyholes.²⁾ No data transfer.³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

	HDMI connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		
	white	0261/31-500	2CKA000230A0430 1
	grey	0261/33-500	2CKA000230A0432 1
	alpine white	0261/32-500	2CKA000230A0431 1

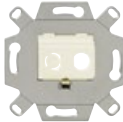
¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.

Product	Article-No.	Order-No.	Pack/Qty
	VGA connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		
	white	0261/21-500	2CKA000230A0424 1
	grey	0261/23-500	2CKA000230A0426 1
	alpine white	0261/22-500	2CKA000230A0425 1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.







	USB connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		
	white	0261/11-500	2CKA000230A0418 1
	grey	0261/13-500	2CKA000230A0420 1
	alpine white	0261/12-500	2CKA000230A0419 1







¹⁾ 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	0262/11-500	2CKA000230A0436 1
	grey	0262/13-500	2CKA000230A0438 1
	alpine white	0262/12-500	2CKA000230A0437 1




Multimedia / communication adapters


Product	Article-No.	Order-No.	Pack/Qty
 F duct-jack for communication adapter For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20			
metal clad	0262-500	2CKA000230A0440	1
 Communication adapter for Cinch-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	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1
 Cinch-jacks for communication adapter 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	0263/04-500	2CKA000230A0451	1
 Cinch-jacks for communication adapter 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	0263/05-500	2CKA000230A0452	1
 Cinch-jacks for communication adapter 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	0263/06-500	2CKA000230A0453	1
 Cinch-jacks for communication adapter 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	0263/07-500	2CKA000230A0454	1


Product	Article-No.	Order-No.	Pack/Qty
 Communication adapter for Mini-jacks 3,5mm. 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	0264/11-500	2CKA000230A0458	1
grey	0264/13-500	2CKA000230A0460	1
alpine white	0264/12-500	2CKA000230A0459	1
 Mini-jack 3,5 mm for communication adapter 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	0264-500	2CKA000230A0462	1
 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
white	0248/02-101	2CKA000230A0402	10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
alpine white	0248/04-101-500	2CKA000230A0464	10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
anthracite	0248/05-101	2CKA000230A0404	10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
 Cover plate For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U.			
anthracite	8252-81	2CKA008200A0050	10
ivory white	8252-82	2CKA008200A0051	10
studio white	8252-84	2CKA008200A0053	10



carat®


Multimedia / communication adapters


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate For loudspeaker insert 8223 U.			
anthracite	8253-81	2CKA008200A0078	1/10
ivory white	8253-82	2CKA008200A0079	1/10
studio white	8253-84	2CKA008200A0081	1/10


 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20			
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
studio white	1766-84-500	2CKA001710A3992	10/100

 Cover plate with metal mounting plate With fixing claws. loudspeaker inserts and cover. Conductor cross-sections up to 4 mm² rigid. With screw-type terminals. Protection class (Device): IP 20			
anthracite	1751-81	2CKA001723A0253	10
ivory white	1751-82	2CKA001723A0239	10
studio white	1751-84	2CKA001723A0240	10/100

 Cover plate with rotary control, with marking As a cover for volume controllers. Suitable for the "LR 15 mono BJ UP" devices of WHD. Protection class (Device): IP 20			
anthracite	1740 DR/03-81	2CKA001710A4120	10
ivory white	1740 DR/03-82	2CKA001710A3807	10
studio white	1740 DR/03-84	2CKA001710A3808	10


 Cover plate For Busch Bluetooth receiver 8219 U.			
anthracite	8255-81	2CKA008200A0211	1
ivory white	8255-82	2CKA008200A0212	1
studio white	8255-84	2CKA008200A0214	1/10


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate for Busch-powerDock For Busch-powerDock charging cradle.			
anthracite	6477-81	2CKA006400A0056	10
ivory white	6477-82	2CKA006400A0057	10
studio white	6477-84	2CKA006400A0059	10/100

 Cover plate For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.			
anthracite	6478-81-500	2CKA006400A0013	1
ivory white	6478-82-500	2CKA006400A0015	1
studio white	6478-84-500	2CKA006400A0019	1



Room thermostats


Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 U-500	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.		
¹⁾ 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)			
²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.			
³⁾ Switching temperature difference: ± 0.5 K.			


	Room thermostat, flush-mounted ^{1) 2) 3)} Slide switch 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. 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: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1095 U-500	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.		


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Sliding switch, 24 V 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. 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1096 U	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.		
¹⁾ 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) ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g., Art. No. 6164/10 . ³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ 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 °CEN 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.		
¹⁾ 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) ²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101. ³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted 1) 2) 3) Actual value indication With actual value temperature display. Automatic controller calibration. Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 UTA	2CKA001032A0487	1/10
¹⁾ 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) ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter. ³⁾ Switching temperature difference: ± 0.5 K.			



Room thermostats

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



Room thermostat, flush-mounted 1) 2) 3)
Sliding switch, actual value indication
 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: 230 V~
 Rated current: 10 A
 Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1

1095 UTA 2CKA001032A0488 1/10

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3)
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 °CEN 60730-2-9, British Standard EN 60669-2-1

1096 UTA 2CKA001032A0489 1/10

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.



Room thermostat, flush-mounted 1) 2) 3)
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 AEN 60730-2-9, British Standard EN 60669-2-1

1097 UTA 2CKA001032A0490 1/10

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

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



Room thermostat, flush-mounted 1) 2) 3)
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 °CEN 60730-2-9

1098 U-101 2CKA001032A0508 1/10

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.




Room thermostat, flush-mounted 1)
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: 1mm² to 2.5 mm²
 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 1EN 60730-2-9, British Standard EN 60669-2-1

1095 UF 2CKA001032A0497 1/10

¹⁾ 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)




Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted 1) 2) 3) Change-over contact, setpoint indication, timer, remote sensor 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 Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. 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: 16 A Temperature range (Device): 10 °C to 50 °CEN 60730-2-9</p>	1098 UF-101	2CKA001032A0509	1/10

¹⁾ 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)


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

 <p>Room thermostat, flush-mounted 1) 2) 3) Heating/cooling 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1099 UHK	2CKA001032A0515	1/10
---	-----------------	-----------------	------

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.


 <p>Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1099 UHKEA	2CKA001032A0516	1/10
---	-------------------	-----------------	------


¹⁾ 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)


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


³⁾ Switching temperature difference: ± 0.5 K.


Product	Article-No.	Order-No.	Pack/Qty
 <p>Cover plate for room thermostat For room thermostats 1094 U, 1097 U.</p>			
anthracite	1794-81	2CKA001710A3629	10
ivory white	1794-82	2CKA001710A3543	10
studio white	1794-84	2CKA001710A3544	10

 <p>Cover plate for room thermostat 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>			
anthracite	1795-81	2CKA001710A3630	10
ivory white	1795-82	2CKA001710A3568	10
studio white	1795-84	2CKA001710A3569	10

 <p>Cover plate for room thermostat For room thermostats 1094 UTA, 1097 UTA.</p>			
anthracite	1794 TA-81	2CKA001710A3695	10
ivory white	1794 TA-82	2CKA001710A3696	10
studio white	1794 TA-84	2CKA001710A3698	10


 <p>Cover plate for room thermostat With sliding switch for nightly room temperature reduction. For room thermostats 1095 UTA, 1096 UTA.</p>			
anthracite	1795 TA-81	2CKA001710A3722	10
ivory white	1795 TA-82	2CKA001710A3723	10
studio white	1795 TA-84	2CKA001710A3725	10

 <p>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. For Busch-CO2 sensor 1091 U-500.</p>			
anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
studio white	6435-84	2CKA006430A0306	10


 <p>Cover plate for room thermostat For room temperature controller 1099 UHK.</p>			
anthracite	1795 HK-81	2CKA001710A4013	10
ivory white	1795 HK-82	2CKA001710A4015	10
studio white	1795 HK-84	2CKA001710A4017	10


carat®

Room thermostats


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate for room thermostat For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating.			
anthracite	1795 HKEA-81	2CKA001710A4045	10
ivory white	1795 HKEA-82	2CKA001710A4047	10
studio white	1795 HKEA-84	2CKA001710A4049	10

LED light

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


¹⁾ Use relay inserts when switching through movement sensors or comfort switches.


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

 Cover plate ^{1) 2)} As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm. Protection class (Device): IP 20			
anthracite	1716-81	2CKA001731A1921	1
ivory white	1716-82	2CKA001731A1922	1
studio white	1716-84	2CKA001731A1923	1

¹⁾ Included with the cover are 46 different text labels and symbols.


²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 Cover plate for indication lamp For insert 2061/2661 U. As cover for flush-mounted light signal. Protection class (Device): IP 20			
anthracite	1756-81	2CKA001753A0089	10
ivory white	1756-82	2CKA001753A0090	10
studio white	1756-84	2CKA001753A0092	10


 Cap for indication lamp For indication lamps. Protection class (Device): IP 20			
clear-transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10




WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 1-channel 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. For LED display WaveLINE 6730-xxx. 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		
	ivory white	6731-82-500	2CKA006730A0032 1/10
	aluminium silver ³⁾	6731-83-500	2CKA006730A0035 1/10
	studio white	6731-84-500	2CKA006730A0038 1/10


¹⁾ Battery included in delivery.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Surface painted.

	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 2-channel 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. For LED display WaveLINE 6730-xxx. 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		
	ivory white	6732-82-500	2CKA006730A0033 1/10
	studio white	6732-84-500	2CKA006730A0039 1/10

¹⁾ Battery included in delivery.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 4-channel 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. For LED display WaveLINE 6730-xxx. 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		
	ivory white	6733-82-500	2CKA006730A0034 1/10
	studio white	6733-84-500	2CKA006730A0040 1/10

¹⁾ Battery included in delivery.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


	WaveLINE LED display ¹⁾ For status display of window handle positions: open = red, closed = green, tilted = yellow. Direct onsite operation possible for switching / dimming an electrical device depending on the flush-mounted insert. 4 individual LED display channels. Up to 8 WaveLine transmitters can be taught-in on each LED display channel. Up to 8 WaveLine transmitters can be taught-in on onsite operation. After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state. Status display for depleted WaveLINE transmitter battery. Status display for faulty transmission link and defective WaveLINE transmitter. User-friendly start-up without PC / software. Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x. For WaveLINE 6721-xx universal signalling unit. For Busch-Watchdog 220 WaveLINE 6747 AGM. For Busch-Universal relay switch insert 6404 U. For universal dimmer switch insert 6595 U. Free-field range: approx. 100 m. Send/receive frequency: 868 MHz. 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	6730-81	2CKA006730A0014 1
	ivory white	6730-82	2CKA006730A0015 1
	studio white	6730-84	2CKA006730A0017 1

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



carat®

Busch-Infoline®


Accessories

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

 Cover plate ¹⁾ ²⁾ 2gang, with labelling field With operating knob. For signal push-button insert 1520/1 UKZ. With labelling field 61 x 20 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm			
studio white	1572 CN-84	2CKA001582A0348	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Can also be used for Busch-axcent®, solo®, and carat®.


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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Can also be used for Busch-axcent®, solo®, and carat®.

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


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

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

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


 DIN A 4 labelling sheet ¹⁾ plastic foil Suitable for all to be labeled Busch-Jaeager devices. For laser printer. The text of the foil is printed via the Busch-Jaeager labeling service.			
translucent	1799/02	2CKA001799A0959	1
transparent	1799/03	2CKA001799A0960	1

¹⁾ 1 piece = 1 sheet.

 RC suppressor For protection against the damage or destruction of electronic devices due to overvoltages. 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. Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz			
	6899	2CKA006899A0231	10





Accessories



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

1) RFID = Radio Frequency Identification

2) Not suitable for fixing claws.

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

Product	Article-No.	Order-No.	Pack/Qty
 <p>Mounting set carat® flat For flat flush-mounted installation, concrete construction Suitable for cover frame carat®. Suitable for prefabricated and in-situ concrete directly onto the formwork. Set consists of a flush-mounted box for concrete walls 3060. Delivered with a lid with distance positioning device. Fixing exclusively and directly to formwork by nailing or hot gluing. With Torx/slotted screws. Mounting boxes are combinable directly. With flex knockouts for pipes. Protection class (Device): IP 20</p>			
	1gang		
	3068/11	2CKA001740A0088	1
	2gang		
	3068/21	2CKA001740A0089	1
	3gang		
	3068/31	2CKA001740A0090	1
	4gang		
	3068/41	2CKA001740A0091	1

 <p>Compensation rings for flush-mounted boxes For additional compensation for too deep mounted flush-mounted boxes. Adjustment height: 2,6 mm Protection class (Device): IP 20</p>			
	3057	2CKA001740A0081	10
 <p>RFID-Detector 1) To recover of RFID-chips. Power supply: 9V alkaline cell (included in delivery). Protection class (Device): IP 20</p>			
	3049	2CKA001740A0070	1

1) RFID = Radio Frequency Identification



Cover frames

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



Cover frame
1gang frame
Protection class (Device): IP 20

white glass	1721-811	2CKA001754A4442	1
bronze	1721-821	2CKA001754A4258	1
gold ¹⁾	1721-823-101	2CKA001754A4356	1
glass black	1721-825	2CKA001754A4322	1
chrome	1721-826-101	2CKA001754A4360	1
stainless steel	1721-860	2CKA001754A4254	1

¹⁾ Gold plated 24 carat.



Cover frame
2gang frame
For vertical or horizontal installation.
Protection class (Device): IP 20

white glass	1722-811	2CKA001754A4443	1
bronze	1722-821	2CKA001754A4259	1
gold ¹⁾	1722-823-101	2CKA001754A4357	1
glass black	1722-825	2CKA001754A4323	1
chrome	1722-826-101	2CKA001754A4361	1
stainless steel	1722-860	2CKA001754A4255	1

¹⁾ Gold plated 24 carat.



Cover frame
3gang frame
For vertical or horizontal installation.
Protection class (Device): IP 20

white glass	1723-811	2CKA001754A4444	1
bronze	1723-821	2CKA001754A4260	1
gold ¹⁾	1723-823-101	2CKA001754A4358	1
glass black	1723-825	2CKA001754A4324	1
chrome	1723-826-101	2CKA001754A4362	1
stainless steel	1723-860	2CKA001754A4256	1

¹⁾ Gold plated 24 carat.



Cover frame
4gang frame
For vertical or horizontal installation.
Protection class (Device): IP 20

white glass	1724-811	2CKA001754A4445	1
bronze	1724-821	2CKA001754A4261	1
gold ¹⁾	1724-823-101	2CKA001754A4359	1
glass black	1724-825	2CKA001754A4325	1
chrome	1724-826-101	2CKA001754A4363	1
stainless steel	1724-860	2CKA001754A4257	1

¹⁾ 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.

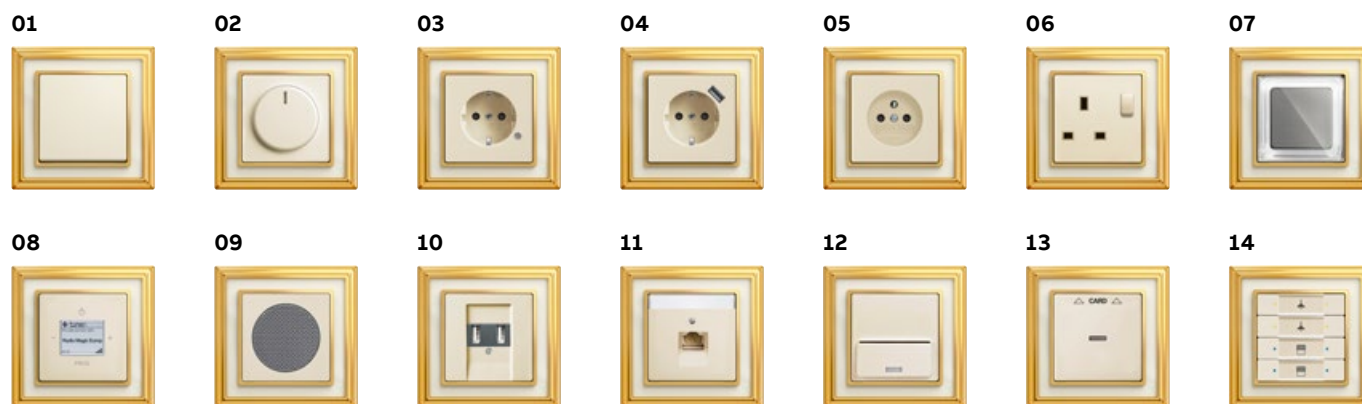


- 01 polished brass, decor, ivory white
- 02 polished brass, decor, anthracite
- 03 antique brass, decor, ivory white
- 04 antique brass, decor, anthracite
- 05 polished brass, ivory white

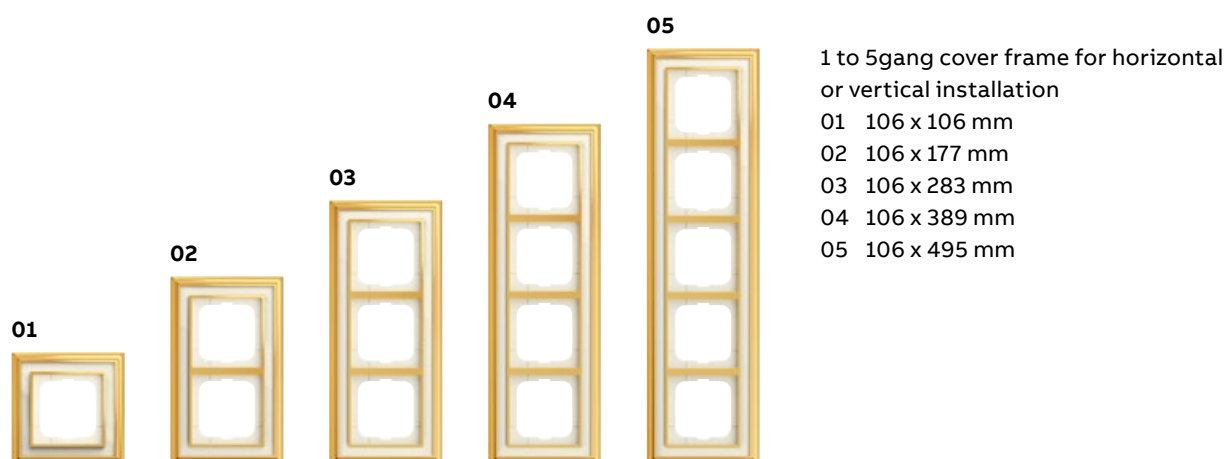
- 06 polished brass, anthracite
- 07 antique brass, ivory white
- 08 antique brass, anthracite
- 09 ivory white
- 10 anthracite

Busch-dynasty®

Selected functions.



- | | |
|---|--|
| 01 Rocker switch 1gang | 09 Loudspeaker connection box |
| 02 Rotary dimmer | 10 USB power adapter insert |
| 03 SCHUKO® socket outlet with LED indicator light | 11 RJ 45 connection socket |
| 04 SCHUKO® USB socket outlet | 12 Busch-iDock |
| 05 Socket outlet with earthing pin | 13 Intelligent card switch |
| 06 Switched socket outlet BS standard | 14 KNX sensor, for more KNX products see part 12 of the catalogue - Intelligent Building Solutions |
| 07 Busch-iceLight® | |
| 08 Busch-AudioWorld® Busch-Radio iNet | |



1 to 5gang cover frame for horizontal or vertical installation

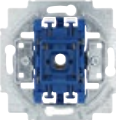
- 01 106 x 106 mm
- 02 106 x 177 mm
- 03 106 x 283 mm
- 04 106 x 389 mm
- 05 106 x 495 mm



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

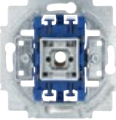
Busch-dynasty®

Rocker switches / push switches


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

¹⁾ 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)


²⁾ With screw-type terminals. Non-illuminable.

 Rocker Switch Mechanism ¹⁾ Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	1gang 2way		
	2400/6 US-500	2CKA001012A2232	10/100
	2gang 1way		
	2400/5 US-500	2CKA001012A2234	10
	1gang		
	2400/7 US-500	2CKA001012A2236	10


¹⁾ 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)

 Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1	2000/6/6US-101-500		
	2CKA001011A0928	10/100	

¹⁾ 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)


Product	Article-No.	Order-No.	Pack/Qty
 Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	2400/6/6US-101-500		
	2CKA001022A0663	10	

¹⁾ 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)

 Rocker Switch Mechanism ^{1) 2)} DP, 1gang 1way For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	2000/2 US-101-500		
	2CKA001012A2193	10/100	


¹⁾ 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)

²⁾ Also for switching SCHUKO® socket outlets.

 Rocker Switch Mechanism ^{1) 2)} 3-pole, 1gang 1way switch Rated voltage: 400 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	2000/3 US		
	2CKA001011A0816	10	


¹⁾ 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)

²⁾ With screw-type terminals. Non-illuminable.

 Rocker Switch Mechanism ¹⁾ With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1	1gang 2way ²⁾		
	2000/6 USGL-500	2CKA001012A2194	10/100
	2gang 1way		
	2000/5 USGL	2CKA001012A1135	10

¹⁾ 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)


²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

 Rocker Switch Mechanism, control ¹⁾ 2gang 1way with LED, Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	2400/5 USK-500		
	2CKA001012A2238	10	

¹⁾ 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)

Busch-dynasty®


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mechanism, control 1) 2) 3) With neon lamp. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way with N-terminal		
	2000/6 USK-500	2CKA001022A0659	10/100
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10

¹⁾ With 1 mA neon lamp.

²⁾ 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)


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

	Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20IEC 60669-1		
	2400/6 USK-500	2CKA001022A0661	10

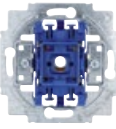
¹⁾ With 1 mA neon lamp.

²⁾ 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)


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

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

¹⁾ 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)

	Push-switch mechanism 1) SP, with normally open contact (operating current) With 2 independent signalling contacts. Rated voltage: 250 V~ Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-201	2CKA001413A0483	10


¹⁾ 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)

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

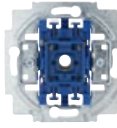
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.


³⁾ For relay and touch dimmer applications.

Product	Article-No.	Order-No.	Pack/Qty
	Push-switch mechanism 1) With one input terminal and 2 actuating covers. Rated voltage: 250 V~ Inputs: 1 Outputs: 2x Normally open contact Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-205-500	2CKA001413A1105	10/100


¹⁾ 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)

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


¹⁾ 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)

Rocker For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.			
	anthracite	1786-81-500	2CKA001751A3079 10/100
	ivory white	1786-82-500	2CKA001751A3083 10/100
	antique brass ¹⁾	1786-840-500	2CKA001751A3116 10/100

¹⁾ Real metal surface refined by hand.

Rocker For flush-mounted switch 2g 1w, 2g push switch.			
	anthracite	1785-81	2CKA001751A2930 10
	ivory white	1785-82	2CKA001751A2744 10/100
	antique brass ¹⁾	1785-840-500	2CKA001751A3117 10


¹⁾ Real metal surface refined by hand.

Rocker For flush-mounted switch 2g 1w, 2g push switch.			
	anthracite	1785 K-81-500	2CKA001751A3122 10
	ivory white	1785 K-82-500	2CKA001751A3124 10
	antique brass ¹⁾	1785 K-840-500	2CKA001751A3131 10


¹⁾ Real metal surface refined by hand.

Busch-dynasty®

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Rocker with red neon lens As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.			
anthracite	1789-81	2CKA001751A2928	10
ivory white	1789-82	2CKA001751A2813	10
antique brass ¹⁾	1789-840-500	2CKA001751A3118	10


¹⁾ Real metal surface refined by hand.

 Rocker ¹⁾ ²⁾ with labelling field With pilot lamp for uniform illumination of the labelling field. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Size of labelling field: 51 x 10 mm.			
anthracite	1764 NLI-81	2CKA001731A1552	10
ivory white	1764 NLI-82	2CKA001731A1876	10
antique brass ³⁾	1764 NLI-840-500	2CKA001731A2024	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.


³⁾ Plastic surface refined by hand.

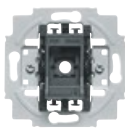
 Cover plate For card switch. For insert 2025 U. Suitable for cards sized 54 x 86 mm. The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated.			
anthracite	1792-81	2CKA001710A3639	10
ivory white	1792-82	2CKA001710A3640	10
antique brass ¹⁾	1792-840-500	2CKA001710A4078	10

¹⁾ Plastic surface refined by hand.

 Rocker With marking. For flush-mounted switch 2g 1w, 2g push switch. With Marking "DO NOT DISTURB / MAKE UP ROOM"			
anthracite	1785/11-81	2CKA001751A3205	10
ivory white	1785/11-82	2CKA001751A2991	10
antique brass ¹⁾	1785/11-840-500	2CKA001751A3119	10

¹⁾ Real metal surface refined by hand.

 Bell push-switch DND/MUR with marking "Do not Disturb" and "Make up Room" two separate LED indicators with screw-type terminal Rated voltage: 250 V~ Rated current: 10 ABS EN 60669-1, IEC 60669-1			
anthracite	2029 UC-81	2CKA001751A3167	1
ivory	2029 UC-82	2CKA001751A3168	1

Product	Article-No.	Order-No.	Pack/Qty
 Card switch 10 A ¹⁾ SP, with normally open contact (operating current) Illuminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1			
	2025 U	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.


¹⁾ 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)

Busch-dynasty®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later). Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.		
	6716 U-500	2CKA006710A0014	1
	Rocker For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.		
	antique brass 6736 FoH-840-500	2CKA006730A0138	1







¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ ⁷⁾ 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 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

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

Busch-dynasty®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ UP, LED, 2-400 W 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 °C IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>    </p>	6523 UR-103-500	2CKA006512A0345	1/10

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ Flush-mounted, LED, 2-100 W Touch dimmer. 2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds with the trailing edge control mode. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>    </p>	6526 U-500	2CKA006512A0323	1/10



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ 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)
⁵⁾ Recommendation: Please use loads and types of one producer.
⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).

 <p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, R, 60-600 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 600 W IEC 60669-2-1, British Standard EN 60669-2-1</p> <p></p>	2250 U-500	2CKA006515A0848	1/10
--	-------------------	-----------------	------

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ Also applicable for 1gang 2way installations.
³⁾ 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)
⁴⁾ Provided with terminal for net disconnection devices.

Busch-dynasty®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RL, 20-500 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. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 			
2247 U-500	2CKA006512A0302	1/10	



¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

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

³⁾ Provided with terminal for net disconnection devices.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ 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)

 Busch-rotary dimmer ^{1) 2) 3) 4) 5) 6)} 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	

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.



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

³⁾ Provided with terminal for net disconnection devices.

⁴⁾ Also applicable for 1gang 2way installations.

⁵⁾ 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)



⁶⁾ Should be mounted in a separate wallbox.

Product	Article-No.	Order-No.	Pack/Qty
 Busch-2gang switch/rotary dimmer ^{1) 2) 3)} flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 			
6517 U-101-500	2CKA006517A0018	1/10	

¹⁾ 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)

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

³⁾ Can be used to replace a 2gang 1way switch.

 Busch-rotary dimmer ^{1) 2) 3) 4) 5) 6)} flush mounted, RC, 40-420 W With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 40 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 			
6513 U-102-500	2CKA006513A0586	1/10	

¹⁾ Not suitable with conventional transformers.

²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

³⁾ In case of electronic transformers, 5 % transformer losses.



⁴⁾ Provided with terminal for net disconnection devices.

⁵⁾ Also applicable for 1gang 2way installations.

⁶⁾ 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)

Busch-dynasty®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RC, 40-420 W DP switched With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. DP cut off (P,N) Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6514 U-500	2CKA006514A0115	1

¹⁾ Not suitable with conventional transformers.



²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Provided with terminal for net disconnection devices.

⁵⁾ Also applicable for 1gang 2way installations.

⁶⁾ 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)

 Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RLC, 60-420 W with soft-catch With intelligence for universal operation. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6591 U-101-500	2CKA006513A0588	1/10
---	-----------------------	-----------------	------



¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ In the case of conventional transformers, take ~20% transformer loss into account.



⁴⁾ 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)

⁵⁾ Cannot be combined with a 2way switch.

 Busch-rotary dimmer, extension ^{1) 2)} flush mounted for connection to 6591 U-101, To be used with Busch-Dimmer®, MDRC 6583. with soft-catch A maximum of 5 multi-way extensions can be connected to a 6591U-101, Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz 	6592 U-500	2CKA006513A0590	1
--	-------------------	-----------------	---

¹⁾ Control elements 2115-xxx and 6540-xxx.

²⁾ Required for illuminating the N-connection control element.

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ^{1) 2) 3) 4)} 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

¹⁾ Non-illuminable.

²⁾ Use cover plates 2115 J-.../2115-.../6540-...

³⁾ 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)


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

 Busch-rotary dimmer ¹⁾ 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 proof. 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 mm²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C	2116 U	2CKA006599A3025	1
---	---------------	-----------------	---


¹⁾ 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)

Busch-dynasty®


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ Flush-mounted, DALI, with internal power supply, tunable white 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116/11 U	2CKA006599A3026	1

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ flush mounted, DALI 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. 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. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117 U-500	2CKA006599A2987	1





¹⁾ 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)

	Busch-rotary dimmer ¹⁾ flush mounted, DALI, with internal power supply 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. 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117/11 U-500	2CKA006599A2988	1

¹⁾ 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)





Busch-dynasty®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2)} flush mounted, RL, 25-500 W With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Parallel operation of several transformers and/or incandescent lamps possible. Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>  </p>	6560 U-101-500	2CKA006560A1207	1/10

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

²⁾ 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)




 <p>Busch touch-dimmer range ^{1) 2) 3) 4)} flush mounted, RC, 45-315 W For switching and dimming 2 independent devices. With trailing edge control. 2gang 1way For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Compatible with control covers 6545-xxx. Without cover, without cover plate. Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>  </p>	6565 U-500	2CKA006565A0057	1/10
---	-------------------	-----------------	------

¹⁾ Not suitable with conventional transformers.

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ 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)

⁴⁾ Does not provide an extension input.






Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2) 3) 4)} flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>   </p>	6593 U-500	2CKA006590A0171	1/10

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

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

⁴⁾ 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)

 <p>Busch-Dimmer®, capacity booster ¹⁾ flush mounted, RLC, 200-315 W The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101 For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 200 - 315 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>   </p>	6594 U-500	2CKA006590A0172	1
---	-------------------	-----------------	---

¹⁾ 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)

Busch-dynasty®


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ¹⁾ ²⁾ ³⁾ flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). For LED control via control gears Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
	6550 U-101-500	2CKA006550A0042	1

¹⁾ Non-illuminable.


²⁾ 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)

³⁾ with integrated making-current limiter

	Cover plate ¹⁾ with rotary knob, with indication lamp Elevated knob. 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	6540-81-102	2CKA006599A2950 10
	ivory white	6540-82-102	2CKA006599A2951 10/100
	antique brass ²⁾	6540-840-102-500	2CKA006599A3022 10

¹⁾ Replacement neon lamp, Art. No. 3855.

²⁾ Real metal surface refined by hand.


	Control element ¹⁾ ²⁾ ³⁾ 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	6543-81-101	2CKA006599A2881 1/10
	ivory white	6543-82-101	2CKA006599A2831 1/10
	antique brass ⁴⁾	6543-840-101-500	2CKA006599A3023 1/10

¹⁾ Compatible with previous type 6543-xxx.

²⁾ Touch-type Controller 6550 U-xxx non-illuminable.

³⁾ Replacement neon lamp 3857.

⁴⁾ Real metal surface refined by hand.


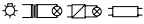

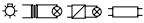
Product	Article-No.	Order-No.	Pack/Qty
	Control element ¹⁾ with neon lamp Combinable with Busch-Memory 2gang dimmer 6565 U.		
	anthracite	6545-81	2CKA006599A2906 1/10
	ivory white	6545-82	2CKA006599A2907 1/10
	antique brass ²⁾	6545-840-500	2CKA006599A3024 1/10


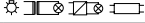

¹⁾ Replacement neon lamp 3857.

²⁾ Real metal surface refined by hand.

Busch-dynasty®

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 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 Standard EN 60669-2-1 		
	6401 U-102-500	2CKA006401A0049	1/10
	Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x 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): 0 °C to 35 °C British Standard EN 60669-2-1 		
	6402 U-500	2CKA006401A0051	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.		
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.		

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog relay mechanism 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V, +10 % / -10 % Rated frequency: 50 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 power: 700 W/VA Temperature range (Device): 0 °C to 55 °C British Standard EN 60669-2-1 		
	6812 U-101-500	2CKA006800A2160	1/10
	Busch-Watchdog MOS-Fet Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ 2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA Temperature range (Device): 0 °C to 35 °C British Standard EN 60669-2-1 		
	6804 U-101-500	2CKA006800A2219	1/10

¹⁾ In case of electronic transformers, 5 % transformer losses.

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

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.


⁴⁾ Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relays.


⁶⁾ Requires an NIS international socket, E-No. 372507676.

Busch-dynasty®

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog extension insert ¹⁾ 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): 0 °C to 35 °C		
	6805 U-500	2CKA006800A2161	1/10
	Mounting boxes: 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
	Cover frames: 1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
	2gang product combinations: 2gang combination with adapter plate APBS in Dual Box only.		



¹⁾ Not combinable with relay switch insert 6812 U-101.

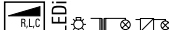
	Busch-Watchdog 180 flush-mounted comfort sensor II ²⁾ ³⁾ with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	anthracite	6800-81-104M	2CKA006800A2269 1
	ivory white	6800-82-104M	2CKA006800A2100 1
	antique brass ³⁾	6800-840-104M-500	2CKA006800A2730 1

¹⁾ installation: slide switch top.

²⁾ Please order the respective flush-mounted insert separately.

³⁾ Plastic surface refined by hand.



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
	6440/01 U-500	2CKA006400A0085	1
			

	Universal e-contact insert ¹⁾ 2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 20 - 180 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 20 - 180 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
	6440/04 U-500	2CKA006400A0088	1
			

¹⁾ Only use dimmable high voltage LEDs.

Busch-dynasty®

Movement detectors / comfort switches



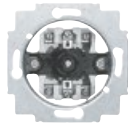
Product	Article-No.	Order-No.	Pack/Qty
	Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1
	Busch-Comfort switch control element ^{1) 2)} with neon lamp Movement detector/push-button switch combination. Push switch function possible at all times. For switching lighting systems that depend on brightness and movement. Extension of the detection range by means of master/slave combination. Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (time and motion-controlled) switch-off. Adjustable operating mode: automatic switch-on, manual switch-off. With continuous light/continuous off function. Adjustment elements on the rear. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED for status display. Detection range: frontal: 5 m, lateral: 3 m, Mounting height: 1.1 m Detection angle: 170 ° Brightness limit value: 0.5 Lux - 500 Lux, Daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm DIN EN 60669-2-1		
anthracite	6815-81-101-500	2CKA006800A2828	1
ivory white	6815-82-101-500	2CKA006800A2830	1
antique brass	6815-840-101-500	2CKA006800A2841	1

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ The range specifications refer to an ambient temperature of 21 °C.

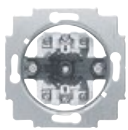
³⁾ Surface painted.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Key Switch Insert ^{1) 2) 3)} breaking circuit, 1-pole For profile semi-cylindrical lock. In switched-on and switched-off status the key can be pulled out in the central position, respectively. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	2733 USL-101	2CKA001101A0914	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.		
¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.) ²⁾ Use the cylindrical lock according to the enclosed drawing. ³⁾ See profile semi-cylindrical lock.			
	Blind switch insert ^{1) 2)} With interlock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	SP, switch		
	2000/4 US-500	2CKA001012A2197	10/100
	SP, push switch.		
	2020/4 US-500	2CKA001413A1103	10/100
¹⁾ 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) ²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.			
	Blind switch insert ^{1) 2)} With rotary knob/switch and push switch. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1		
	DP ³⁾		
	2712 U	2CKA001101A0534	10
	SP, N, E		
	2713 U	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.		

Busch-dynasty®


Blind control / timers

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

¹⁾ 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)

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

³⁾ Also suitable for controlling direct voltage drives.

	Blind switch/push-switch ¹⁾ ²⁾ ³⁾ ⁴⁾ For profile semi-cylindrical lock/switch and push-switch. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	DP ⁵⁾		
	2712 USL-101	2CKA001101A0872	10
	SP, N, E		
	2713 USL-101	2CKA001101A0880	10


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

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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

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


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


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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.


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

	Comfort blind insert ¹⁾ ²⁾ ³⁾ with memory and positioning function For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob. Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off. Suitable for operation without neutral conductor. Without an extension input. Power reserve of 45 minutes (maintenance-free as capacitor). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 1.3 A, cos φ 0.5 Rated power: 300 VA Temperature range (Device): 0 °C to 35 °C		
	6419 U	2CKA006410A0390	1/10

¹⁾ Pertinent cover plates 6436-xx.

²⁾ 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.

³⁾ Only suitable for single unit control.

	Basic blind insert ¹⁾ ²⁾ 2-wire blind insert 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 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA Temperature range (Device): 0 °C to 35 °C		
	6418 U-500	2CKA006410A0376	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.

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


²⁾ 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.


Busch-dynasty®


Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Blind control II switch insert ¹⁾ 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. Running time: 3 min Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA Control/Signal outputs: 2 Temperature range (Device): 0 °C to 35 °C		
	6411 U-500-101	2CKA006410A0378	1/10

¹⁾ Compatible with types 6411 U/x.


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

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


	Busch-Short-time timer insert ¹⁾ 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		
	6465 U-101-500	2CKA006410A0393	1/10

Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.
neon indicator:	not applicable


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Rocker with marking As cover for flush-mounted blind control switch/push switch. For inserts 2000/4 and 2020/4 US.		
	anthracite	1785 JA-81	2CKA001751A2934 10
	ivory white	1785 JA-82	2CKA001751A2748 10
	antique brass ¹⁾	1785 JA-840-500	2CKA001751A3120 10


¹⁾ Real metal surface refined by hand.

	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.		
	anthracite	1740-81	2CKA001710A3623 10
	ivory white	1740-82	2CKA001710A3154 10
	antique brass ¹⁾	1740-840-500	2CKA001710A4089 1/10

¹⁾ Real metal surface refined by hand.

	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.		
	anthracite	6430-81-102	2CKA006430A0326 1/10
	ivory white	6430-82-102	2CKA006430A0327 1/10
	antique brass ¹⁾	6436-840-500	2CKA006430A0406 1/10

¹⁾ Real metal surface refined by hand.


	Cover plate ¹⁾ with rotary knob For comfort blinds insert 6419 U.		
	anthracite	6436-81	2CKA006430A0387 10
	ivory white	6436-82	2CKA006430A0356 10
	antique brass ²⁾	6436-840-500	2CKA006430A0406 1/10

¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.


²⁾ Real metal surface refined by hand.

Busch-dynasty®

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Standard timer control element ¹⁾ 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

¹⁾ See respective cover plates 6435-xx.

Product	Article-No.	Order-No.	Pack/Qty
	Comfort timer control element ¹⁾ 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		
	6455-101-500	2CKA006410A0399	1/10

¹⁾ 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	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
antique brass ¹⁾	6435-840-500	2CKA006430A0405	10

¹⁾ Plastic surface refined by hand.


Busch-dynasty®

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A		
	anthracite	20 EUCKS-81	2CKA002013A5265 10
	ivory white	20 EUCKS-82	2CKA002013A5244 10/100
	antique brass anthracite ²⁾	20 EUCKS-845-500	2CKA002013A5401 10
	antique brass ivory white ²⁾	20 EUCKS-848-500	2CKA002013A5398 10/100

¹⁾ Increased shock protection.


²⁾ Real metal surface refined by hand.

	SCHUKO® socket outlet ¹⁾ shuttered With screw-type terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A		
	antique brass anthracite ²⁾	23 EUCKS-845-507	2CKA002011A6247 10
	antique brass ivory white ²⁾	23 EUCKS-848-507	2CKA002011A6245 10
	anthracite ³⁾	2300 EUCB-81	2CKA002013A5448 10
	ivory white ³⁾	2300 EUCB-82	2CKA002013A5449 10/100

¹⁾ Increased shock protection.


²⁾ Real metal surface refined by hand.

³⁾ With screw-type terminals


	SCHUKO® socket outlet steplight® ¹⁾ With night orientation light with separate connection cables for switch contact. with LED, Shuttered. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A		
	ivory white	20 EUCBLI-82	2CKA002013A5292 1
	antique brass ²⁾	20 EUCBLI-840-500	2CKA002013A5399 1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.


²⁾ Plastic surface refined by hand.

	13 A Switched socket outlet 1gang With screw-type terminals. SP switched Without claws. Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122. Rated voltage: 250 V~ Rated current: 13 ABS 1363: part2		
	anthracite	2190 EUC-81	2CKA002190A0216 10/100
	ivory	2190 EUC-82	2CKA002190A0213 10/100
	antique brass ¹⁾	2190 EUC-840-500	2CKA002190A0222 10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet with hinged lid With screwless terminals. DP (2 P + E) Hinged lid notches when opened. Rated voltage: 250 V~ Rated current: 16 A		
	ivory white	20 EUK-82	2CKA002018A1465 10
	antique brass ¹⁾	20 EUK-840-500	2CKA002018A1515 10

¹⁾ Real metal surface refined by hand.

	SCHUKO® USB socket outlet ¹⁾ ²⁾ ³⁾ shuttered With screwless terminals. Shuttered. DP (2 P + E) For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: SCHUKO® socket outlet Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm		
	anthracite	20 EUCBUSB-81-500	2CKA002011A6176 1
	ivory white	20 EUCBUSB-82-500	2CKA002011A6177 1
	antique brass ⁴⁾	20 EUCBUSB-840-500	2CKA002011A6246 1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.


²⁾ No data transfer.

³⁾ Use dust cover 2098 when cleaning the device.

⁴⁾ Plastic surface refined by hand.


Busch-dynasty®


Data communication

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


¹⁾ Suitable for cover plate 1803-xxx.

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

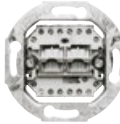
	Reset magnet For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings. Protection class (Device): IP 20		
	8186/11-500	2CKA008100A0361	1

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


¹⁾ Suitable for cover plate 1803-xxx.

	Universal data connection box with down-leading outlet ¹⁾ 2gang internally parallel connected With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0214	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		

¹⁾ Suitable for cover plate 1803-02-xxx.

Product	Article-No.	Order-No.	Pack/Qty
	Universal data connection box with down-leading outlet ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0215	2CKA000230A0243	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		





¹⁾ Suitable for cover plate 1803-02-xxx.





	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang 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 wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20		
	0218/11-101	2CKA000230A0409	1/10

¹⁾ Suitable for cover plate 1803-xxx.

Busch-dynasty®






Data communication





Product	Article-No.	Order-No.	Pack/Qty
	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 2 x outlets, 8/8-pole 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		
	0218/12-101	2CKA000230A0411	1/10
¹⁾ Suitable for cover plate 1803-02-xxx.			
	Universal data connection box 8(6)/ telephone unit 6F+N - connection box ¹⁾ 2 x 6-pole 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 UAE 8(6)TAE 6 F+N	2CKA000230A0381	10/100
¹⁾ Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.			
	Satellite co-axial outlets 2 connectors/dead-end feeder 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		
	0230-101	2CKA000230A0250	10/100
	Antenna socket insert Radio/TV 2 connectors/loop through type 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		
	0231-101	2CKA000230A0268	10/100

Product	Article-No.	Order-No.	Pack/Qty
	Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder 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		
	0232-101-500	2CKA000230A0463	10/100
	Terminating resistor 75 Ohm Protection class (Device): IP 20		
	0239	2CKA000230A0201	10/100
	Mounting plate ¹⁾ ²⁾ with green insert 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		
	1810-500	2CKA001753A9974	10/100
¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.			
²⁾ For further information, please refer on the Internet.			
	Mounting plate ¹⁾ ²⁾ with red insert 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		
	1812-500	2CKA001753A9972	10/100
¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.			
²⁾ For further information, please refer on the Internet.			

Busch-dynasty®


Data communication


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


Product	Article-No.	Order-No.	Pack/Qty
	Channel assembly adapter For the accommodation of one or two universal modules 0219. For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	0219/13	2CKA000230A0396	1/10
	Universal module, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang For installation in installation adapter 0219/12 or 0219/13. Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. 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. Cat. 6A 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. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Bend-radius optimised cable feed (30°). Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. 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 For data cables with a diameter of 6 -10 mm. For wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20		
	0219-101	2CKA000230A0413	1/10
¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.			
	Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0210	2CKA000225A0078	10
	Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0211	2CKA000225A0086	10

Busch-dynasty®


Data communication

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

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


 Blank plate with metal mounting plate			
anthracite	1742-81	2CKA001710A3612	10
ivory white	1742-82	2CKA001710A3143	10
antique brass ¹⁾	1742-840-500	2CKA001710A4080	10

¹⁾ Real metal surface refined by hand.

 Cover plate ¹⁾ with metal mounting plate As cover for flex outlet, for cords up to 10.3 mm diameter. With strain relief (without terminal block).			
anthracite	1749-81	2CKA001710A3614	10
ivory white	1749-82	2CKA001710A3145	10
antique brass ²⁾	1749-840-500	2CKA001710A4081	10


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

²⁾ Real metal surface refined by hand.

 Cover plate ¹⁾ As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK). BTR (universal data connecting unit design and IAE design). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm.			
anthracite	1803-81	2CKA001710A3616	10
ivory white	1803-82	2CKA001710A3147	10
antique brass ²⁾	1803-840-500	2CKA001710A4082	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Real metal surface refined by hand.


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ 2gang As cover for universal data connection boxes. 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). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm.			
anthracite	1803-02-81	2CKA001710A3615	10
ivory white	1803-02-82	2CKA001710A3146	10
antique brass ²⁾	1803-02-840-500	2CKA001710A4083	1/10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Real metal surface refined by hand.

 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. For loudspeaker connection box. USB power adapter insert 6472 U. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).			
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
antique brass ¹⁾	1766-840-500	2CKA001710A4084	10


¹⁾ Real metal surface refined by hand.

 Cover plate ¹⁾ ²⁾ as cover for standard Radio/TV/SAT socket outlets With 2 connectors Acc. to German Standard DIN 45330. Radio/TV/SAT. With M3 fixing screw.			
anthracite	1743-81	2CKA001724A4252	10
ivory white	1743-82	2CKA001724A2758	10
antique brass ³⁾	1743-840-500	2CKA001724A4362	10

¹⁾ Third opening can be knocked out.

²⁾ See inserts for satellite coaxial socket outlets.

³⁾ Real metal surface refined by hand.


 Cover plate ¹⁾ with labelling field For modular jack with slide entrance. To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820. Size of labelling field: 60 x 9 mm.			
anthracite	1800-81	2CKA001710A3627	10
ivory white	1800-82	2CKA001710A3158	10
antique brass ²⁾	1800-840-500	2CKA001710A4085	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Real metal surface refined by hand.

Busch-dynasty®


Data communication

Product	Article-No.	Order-No.	Pack/Qty
 Intermediate ring For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range.			
ivory white	1747 SI-82	2CKA001710A3862	10
antique brass ¹⁾	1747 SI-840-500	2CKA001710A4079	10

¹⁾ Plastic surface refined by hand.


 Intermediate ring with hinged lid ¹⁾ Busch-balance® SI For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate. With sealing ring. With hinged lid. Protection class (Device): IP 44			
anthracite	2518-WD-81	2CKA001719A0217	10
ivory white	2518-WD-82	2CKA001719A0218	10

¹⁾ Combinable only with covers for flush-mounted inserts

 Cover plate with hinged lid For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.			
anthracite	1746-81	2CKA001710A3618	10
ivory white	1746-82	2CKA001710A3149	10
antique brass ¹⁾	1746-840-500	2CKA001710A4086	10

¹⁾ Plastic surface refined by hand.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Busch-DigitalRadio ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ RDS stereo radio alarm clock for flush-mounted installation. Reception frequency: 87.50 MHz - 108.00 MHz. With display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time display. With alarm 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. Rated voltage: 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: 34 mm			
	8215 U-500	2CKA008200A0182	1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.



³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ 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-dynasty®

Multimedia / communication adapters



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Radio iNet 1) 2) 3) 4) 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 		
	8216 U-500	2CKA008200A0153	1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

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

⁴⁾ 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
	Busch-Radio BTconnect 1) 2) 3) 4) RDS stereo radio alarm clock for flush-mounted installation. With Bluetooth interface for music replay of mobile devices. Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time and date display. With alarm clock and snooze function. With short-time timer. 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: 2.1 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 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 47 mm Mounting depth: 32 mm 		
	8217 U-500	2CKA008200A0194	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

	Busch Bluetooth receiver 1) 2) 3) 4) Bluetooth interface for music replay of mobile devices. With integrated amplifier. With external AUX input. For mono/stereo operation. Can be combined with the MDRC amplifier 8208. Admissible loudspeaker impedance: 4 - 16 Ohm Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.0 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 Display elements: LED for status display. 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 45 mm Mounting depth: 32 mm 		
	8219 U	2CKA008200A0198	1/10

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).


⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Busch-dynasty®

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Loudspeaker insert ¹⁾ 5 cm (2") For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U. For Busch Bluetooth receiver 8219 U. With broadband characteristics. With flat plug connector. Incl. speaker connection cable. Rated output: 2 W (RMS) Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm Protection class (Device): IP 20, SELV Mounting depth: 32 mm		
	8223 U-500	2CKA008200A0183	1/10

¹⁾ No claw. Screw-fixing via keyholes.


	Busch-powerDock Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ 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		
	6473 U-500	2CKA006400A0039	1/10

¹⁾ No claw. Screw-fixing via keyholes.


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


³⁾ 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.

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

	Busch-powerDock Charging cradle with Apple lightning connection ¹⁾ For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with lightning connection. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7. For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm		
	6473-500	2CKA006400A0081	1/10

¹⁾ Not released for use with the iPad.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-powerDock Charging cradle with USB-C connection For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm		
	6473/11-500	2CKA006400A0083	1/10


	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used: Rated current: 1400 mA Suitable for: In case two output are used: Rated current: 700 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm Mounting depth: 32 mm		
	6472 U-500	2CKA006400A0002	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

⁴⁾ Use dust cover 2098 when cleaning the device.

	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used: Rated current: 3 A Suitable for: In case two output are used: Rated current: 1.500 mA 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		
---	--	--	--

Available from November 2019

	6472 U-500-101	2CKA006400A0094	1
--	-----------------------	-----------------	---

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

⁴⁾ Use dust cover 2098 when cleaning the device.

Busch-dynasty®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 <p>USB charging station insert ¹⁾ ²⁾ ³⁾ For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm Mounting depth: 32 mm</p>	6474 U-500	2CKA006400A0033	1/10


¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.


 <p>HDMI connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	0261/31-500	2CKA000230A0430	1
	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.

Product	Article-No.	Order-No.	Pack/Qty
 <p>VGA connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	0261/21-500	2CKA000230A0424	1

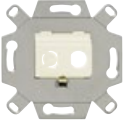
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

 <p>USB connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	0261/11-500	2CKA000230A0418	1
--	--------------------	-----------------	---

grey	0261/13-500	2CKA000230A0420	1
alpine white	0261/12-500	2CKA000230A0419	1







¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.






 <p>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</p>	0262/11-500	2CKA000230A0436	1
---	--------------------	-----------------	---

grey	0262/13-500	2CKA000230A0438	1
alpine white	0262/12-500	2CKA000230A0437	1

Busch-dynasty®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	F duct-jack for communication adapter For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20		
	metal clad	0262-500	2CKA000230A0440 1
	Communication adapter for Cinch-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	0263/11-500	2CKA000230A0444 1
	grey	0263/13-500	2CKA000230A0446 1
	alpine white	0263/12-500	2CKA000230A0445 1
	Cinch-jacks for communication adapter 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	0263/04-500	2CKA000230A0451 1
	Cinch-jacks for communication adapter 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	0263/05-500	2CKA000230A0452 1
	Cinch-jacks for communication adapter 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	0263/06-500	2CKA000230A0453 1
	Cinch-jacks for communication adapter 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	0263/07-500	2CKA000230A0454 1

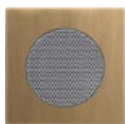
Product	Article-No.	Order-No.	Pack/Qty
	Communication adapter for Mini-jacks 3,5mm. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To support 1 or 2 jacks. For trunk systems, flush-mounted wall boxes and underfloor systems. Without cover plate. Without claws. Protection class (Device): IP 20		
	white	0264/11-500	2CKA000230A0458 1
	grey	0264/13-500	2CKA000230A0460 1
	alpine white	0264/12-500	2CKA000230A0459 1
	Mini-jack 3,5 mm for communication adapter 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	0264-500	2CKA000230A0462 1
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	white	0248/02-101	2CKA000230A0402 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	alpine white	0248/04-101-500	2CKA000230A0464 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	anthracite	0248/05-101	2CKA000230A0404 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			

Busch-dynasty®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 <p>Cover plate For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U.</p>			
anthracite	8252-81	2CKA008200A0050	10
ivory white	8252-82	2CKA008200A0051	10
antique brass ¹⁾	8252-840-500	2CKA008200A0190	10


¹⁾ Plastic surface refined by hand.

 <p>Cover plate For loudspeaker insert 8223 U.</p>			
anthracite	8253-81	2CKA008200A0078	1/10
ivory white	8253-82	2CKA008200A0079	1/10
antique brass ¹⁾	8253-840-500	2CKA008200A0191	1/10


¹⁾ Plastic surface refined by hand.

 <p>Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).</p>			
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
antique brass ¹⁾	1766-840-500	2CKA001710A4084	10


¹⁾ Real metal surface refined by hand.

 <p>Cover plate For Busch Bluetooth receiver 8219 U.</p>			
anthracite	8255-81	2CKA008200A0211	1
ivory white	8255-82	2CKA008200A0212	1
antique brass ¹⁾	8255-840-500	2CKA008200A0221	1

¹⁾ Surface painted.

 <p>Cover plate for Busch-powerDock For Busch-powerDock charging cradle.</p>			
anthracite	6477-81	2CKA006400A0056	10
ivory white	6477-82	2CKA006400A0057	10
antique brass ¹⁾	6477-840-500	2CKA006400A0061	10


¹⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 <p>Cover plate For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.</p>			
anthracite	6478-81-500	2CKA006400A0013	1
ivory white	6478-82-500	2CKA006400A0015	1
antique brass ¹⁾	6478-840-500	2CKA006400A0036	1

¹⁾ Plastic surface refined by hand.

Busch-dynasty®

Room thermostats


Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ^{1) 2) 3)} Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 U-500	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.		
¹⁾ 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)			
²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.			
³⁾ Switching temperature difference: ± 0.5 K.			


	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Slide switch 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. 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: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1095 U-500	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.		


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.


Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Sliding switch, 24 V 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. 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1096 U	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.		
¹⁾ 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) ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g., Art. No. 6164/10 . ³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted ^{1) 2) 3)} 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 °CEN 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.		
¹⁾ 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) ²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101. ³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted 1) 2) 3) Actual value indication With actual value temperature display. Automatic controller calibration. Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 UTA	2CKA001032A0487	1/10
¹⁾ 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) ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter. ³⁾ Switching temperature difference: ± 0.5 K.			

Busch-dynasty®


Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
1095 UTA	2CKA001032A0488	1/10	

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted 1) 2) 3) 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
1096 UTA	2CKA001032A0489	1/10	

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted 1) 2) 3) 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 AEN 60730-2-9, British Standard EN 60669-2-1		
1097 UTA	2CKA001032A0490	1/10	

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted 1) 2) 3) 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 °CEN 60730-2-9		
1098 U-101	2CKA001032A0508	1/10	


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted 1) 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 ² to 2.5 mm ² 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 1EN 60730-2-9, British Standard EN 60669-2-1		
1095 UF	2CKA001032A0497	1/10	

¹⁾ 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)

	Room thermostat, flush-mounted 1) 2) 3) 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 °CEN 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.


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.


Busch-dynasty®

Room thermostats


Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ Change-over contact, setpoint indication, timer, remote sensor 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 Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. 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: 16 A Temperature range (Device): 10 °C to 50 °CEN 60730-2-9</p>	1098 UF-101	2CKA001032A0509	1/10

¹⁾ 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)

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


 <p>Cover plate for room thermostat For room thermostats 1094 U/UF, 1097 U/UF.</p>			
anthracite	1794-81	2CKA001710A3629	10
ivory white	1794-82	2CKA001710A3543	10
antique brass ¹⁾	1794-840-500	2CKA001710A4087	10

¹⁾ Plastic surface refined by hand.

 <p>Cover plate for room thermostat 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>			
anthracite	1795-81	2CKA001710A3630	10
ivory white	1795-82	2CKA001710A3568	10
antique brass ¹⁾	1795-840-500	2CKA001710A4088	10


¹⁾ Plastic surface refined by hand.

LED light

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

¹⁾ Use relay inserts when switching through movement sensors or comfort switches.


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


 <p>Cover plate ¹⁾ ²⁾ As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm.</p>			
anthracite	1716-81	2CKA001731A1921	1
ivory white	1716-82	2CKA001731A1922	1
antique brass ³⁾	1716-840-500	2CKA001731A2025	1

¹⁾ Included with the cover are 46 different text labels and symbols.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


³⁾ Plastic surface refined by hand.

 <p>Cover plate for indication lamp For insert 2061/2661 U. As cover for flush-mounted light signal. Protection class (Device): IP 20</p>			
anthracite	1756-81	2CKA001753A0089	10
ivory white	1756-82	2CKA001753A0090	10

 <p>Cap for indication lamp For indication lamps. Protection class (Device): IP 20</p>			
clear-transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

Busch-dynasty®


WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 1-channel 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. For LED display WaveLINE 6730-xxx. 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		
	ivory white	6731-82-500	2CKA006730A0032 1/10
	antique brass ³⁾	6731-840-500	2CKA006730A0094 1

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Plastic surface refined by hand.

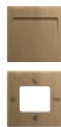
	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 2-channel 2gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 2 radio channels can be operated or up to 4 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. For LED display WaveLINE 6730-xxx. 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		
	ivory white	6732-82-500	2CKA006730A0033 1/10
	antique brass ³⁾	6732-840-500	2CKA006730A0095 1

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Plastic surface refined by hand.


Covers for ABB-Welcome

Product	Article-No.	Order-No.	Pack/Qty
	Cover plates For indoor audio station with display. Protection class (Device): IP 30 Temperature range (Device): -5 °C to 40 °C		
	anthracite	83260-81-500	2CKA008300A0220 1/18
	antique brass ¹⁾	83260-840-500	2CKA008300A0365 1/10

¹⁾ Plastic surface refined by hand.

Busch-dynasty®


KNX control elements

Product	Article-No.	Order-No.	Pack/Qty
	Control element, 1/2 gang ¹⁾ ²⁾ multi-function/colour concept 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	6125/02-81-500	2CKA006115A0216 1
	ivory white	6125/02-82-500	2CKA006115A0217 1
	antique brass ³⁾	6125/02-840-500	2CKA006115A0452 1

¹⁾ For software and description please check the current Online-Catalogue.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


³⁾ Plastic surface refined by hand.

	Control element, 2/4 gang ¹⁾ ²⁾ multi-function/colour concept 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	6126/02-81-500	2CKA006116A0206 1
	ivory white	6126/02-82-500	2CKA006116A0207 1
	antique brass ³⁾	6126/02-840-500	2CKA006116A0227 1

¹⁾ For software and description please check the current Online-Catalogue.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


³⁾ Plastic surface refined by hand.

Product	Article-No.	Order-No.	Pack/Qty
	Control element, 4/8 gang ¹⁾ ²⁾ multi-function/colour concept 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	6127/02-81-500	2CKA006117A0232 1
	ivory white	6127/02-82-500	2CKA006117A0233 1
	antique brass ³⁾	6127/02-840-500	2CKA006117A0252 1

¹⁾ For software and description please check the current Online-Catalogue.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Plastic surface refined by hand.

	Busch-Watchdog 180 flush-mounted standard sensor ¹⁾ For ABB i-bus® KNX 6120/12-101, 6120/13. Movement detector with up to 4 channels. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Detection range: frontal: 6 m, lateral: 6 m Detection angle: 180 ° Brightness limit value: 5 Lux - 150 Lux Mounting height: 1.1 m 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 18 mm Position for installation: vertical		
	with select-lens ²⁾ ³⁾		
	anthracite	6122/01-81-500	2CKA006132A0272 1
	ivory white	6122/01-82-500	2CKA006132A0273 1

	with integrated bus coupler		
	anthracite	6122/10-81-500	2CKA006132A0376 1
	ivory white	6122/10-82-500	2CKA006132A0377 1

	antique brass	6122/10-840-500	2CKA006132A0407 1
--	---------------	-----------------	-------------------

¹⁾ For software and description please check the current Online-Catalogue.


²⁾ For compatible cover frames, see the following ranges: carat®, pure stainless steel, solo®, Busch-axcent® or future® linear.

³⁾ Plastic surface refined by hand.

⁴⁾ Phase-out type


Busch-dynasty®

KNX control elements


Product	Article-No.	Order-No.	Pack/Qty
	Cover plate for room temperature controller or room temperature controller with CO2/moisture As cover for room temperature controller with/without CO2/moisture sensor (6109/18 and 6109/28). Protection class (Device): none		
	anthracite	6109/03-81-500	2CKA006155A0060 10
	ivory white	6109/03-82-500	2CKA006155A0061 10
	antique brass ¹⁾	6109/03-840-500	2CKA006155A0114 10


¹⁾ Plastic surface refined by hand.

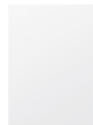
Accessories

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


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

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

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


	DIN A 4 labelling sheet ¹⁾ plastic foil Suitable for all to be labeled Busch-Jaeger devices. For laser printer. The text of the foil is printed via the Busch-Jaeger labeling service.		
	translucent	1799/02	2CKA001799A0959 1
	transparent	1799/03	2CKA001799A0960 1

¹⁾ 1 piece = 1 sheet.

	RC suppressor For protection against the damage or destruction of electronic devices due to overvoltages. 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. Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz		
	6899	2CKA006899A0231	10

Busch-dynasty®

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
 Cover frame 1gang frame For vertical or horizontal installation. Protection class (Device): IP 20			
anthracite	1721-831-500	2CKA001754A4605	10
ivory white	1721-832-500	2CKA001754A4600	10
polished brass decor anthracite ¹⁾	1721-833-500	2CKA001754A4575	1
polished brass decor anthracite ¹⁾	1721-835-500	2CKA001754A4565	1
polished brass decor ivory white ¹⁾	1721-836-500	2CKA001754A4570	1
polished brass decor ivory white ¹⁾	1721-838-500	2CKA001754A4560	1
antique brass decor anthracite ²⁾	1721-843-500	2CKA001754A4595	1
antique brass decor anthracite ²⁾	1721-845-500	2CKA001754A4585	1
antique brass decor ivory white ²⁾	1721-846-500	2CKA001754A4590	1
antique brass decor ivory white ²⁾	1721-848-500	2CKA001754A4580	1


¹⁾ Real metal surface.

²⁾ Real metal surface refined by hand.

 Cover frame 2gang frame For vertical or horizontal installation. Protection class (Device): IP 20			
anthracite	1722-831-500	2CKA001754A4606	10
ivory white	1722-832-500	2CKA001754A4601	10
polished brass decor anthracite ¹⁾	1722-833-500	2CKA001754A4576	1
polished brass decor anthracite ¹⁾	1722-835-500	2CKA001754A4566	1
polished brass decor ivory white ¹⁾	1722-836-500	2CKA001754A4571	1
polished brass decor ivory white ¹⁾	1722-838-500	2CKA001754A4561	1
antique brass decor anthracite ²⁾	1722-843-500	2CKA001754A4596	1
antique brass decor anthracite ²⁾	1722-845-500	2CKA001754A4586	1
antique brass decor ivory white ²⁾	1722-846-500	2CKA001754A4591	1
antique brass decor ivory white ²⁾	1722-848-500	2CKA001754A4581	1

¹⁾ Real metal surface.

²⁾ Real metal surface refined by hand.

Product	Article-No.	Order-No.	Pack/Qty
 Cover frame 3gang frame For vertical or horizontal installation. Protection class (Device): IP 20			
anthracite	1723-831-500	2CKA001754A4607	5
ivory white	1723-832-500	2CKA001754A4602	5
polished brass decor anthracite ¹⁾	1723-833-500	2CKA001754A4577	1
polished brass decor anthracite ¹⁾	1723-835-500	2CKA001754A4567	1
polished brass decor ivory white ¹⁾	1723-836-500	2CKA001754A4572	1
polished brass decor ivory white ¹⁾	1723-838-500	2CKA001754A4562	1
antique brass decor anthracite ²⁾	1723-843-500	2CKA001754A4597	1
antique brass decor anthracite ²⁾	1723-845-500	2CKA001754A4587	1
antique brass decor ivory white ²⁾	1723-846-500	2CKA001754A4592	1
antique brass decor ivory white ²⁾	1723-848-500	2CKA001754A4582	1

¹⁾ Real metal surface.

²⁾ Real metal surface refined by hand.


 Cover frame 4gang frame For vertical or horizontal installation. Protection class (Device): IP 20			
anthracite	1724-831-500	2CKA001754A4608	1
ivory white	1724-832-500	2CKA001754A4603	1
polished brass decor anthracite ¹⁾	1724-833-500	2CKA001754A4578	1
polished brass decor anthracite ¹⁾	1724-835-500	2CKA001754A4568	1
polished brass decor ivory white ¹⁾	1724-836-500	2CKA001754A4573	1
polished brass decor ivory white ¹⁾	1724-838-500	2CKA001754A4563	1
antique brass decor anthracite ²⁾	1724-843-500	2CKA001754A4598	1
antique brass decor anthracite ²⁾	1724-845-500	2CKA001754A4588	1
antique brass decor ivory white ²⁾	1724-846-500	2CKA001754A4593	1
antique brass decor ivory white ²⁾	1724-848-500	2CKA001754A4583	1

¹⁾ Real metal surface.

²⁾ Real metal surface refined by hand.

Busch-dynasty®

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 5gang frame For vertical or horizontal installation. Protection class (Device): IP 20		
	anthracite	1725-831-500	2CKA001754A4609 1
	ivory white	1725-832-500	2CKA001754A4604 1
	polished brass decor anthracite ¹⁾	1725-833-500	2CKA001754A4579 1
	polished brass anthracite ¹⁾	1725-835-500	2CKA001754A4569 1
	polished brass decor ivory white ¹⁾	1725-836-500	2CKA001754A4574 1
	polished brass ivory white ¹⁾	1725-838-500	2CKA001754A4564 1
	antique brass decor anthracite ²⁾	1725-843-500	2CKA001754A4599 1
	antique brass anthracite ²⁾	1725-845-500	2CKA001754A4589 1
	antique brass decor ivory white ²⁾	1725-846-500	2CKA001754A4594 1
	antique brass ivory white ²⁾	1725-848-500	2CKA001754A4584 1

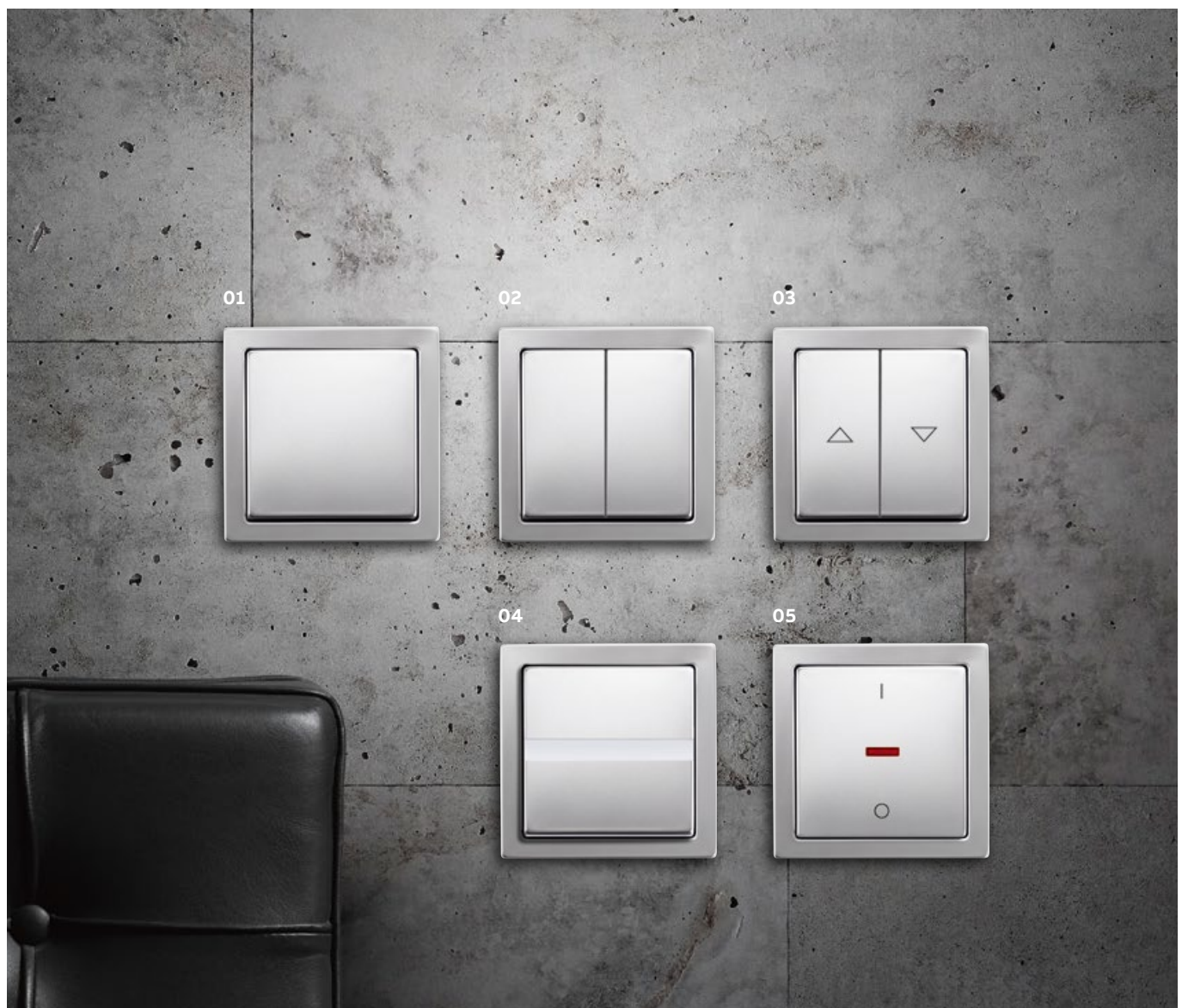
¹⁾ Real metal surface.

²⁾ 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

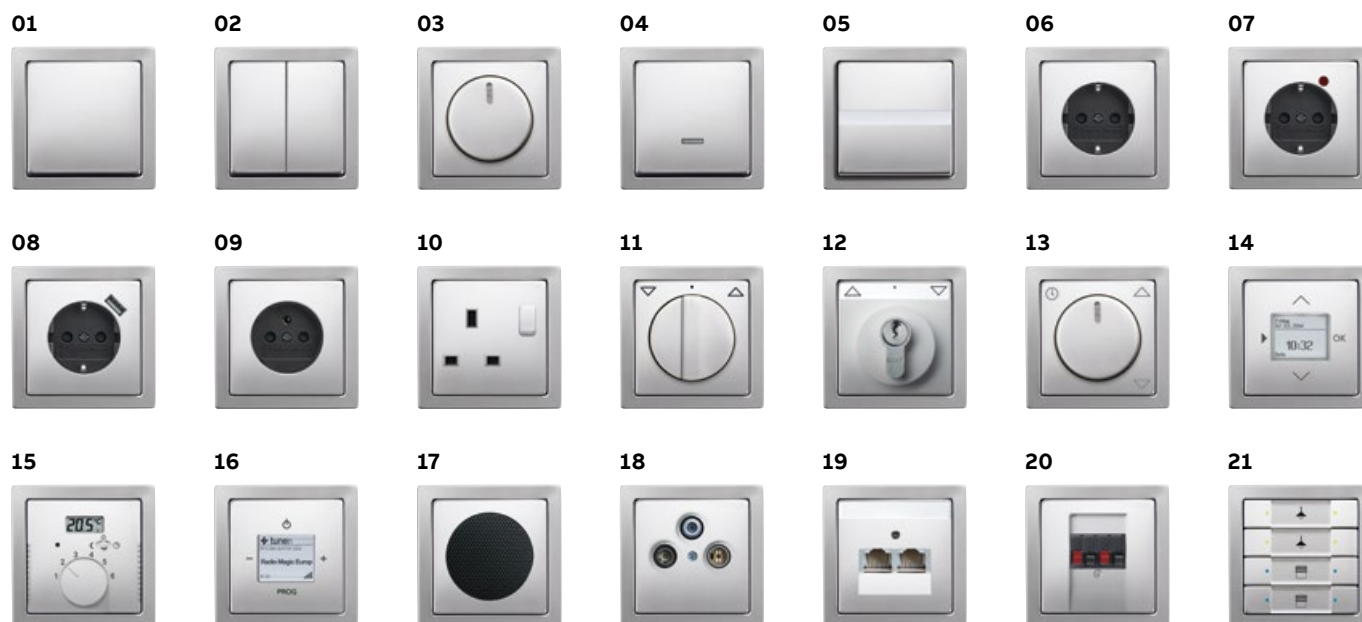
Materials

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).

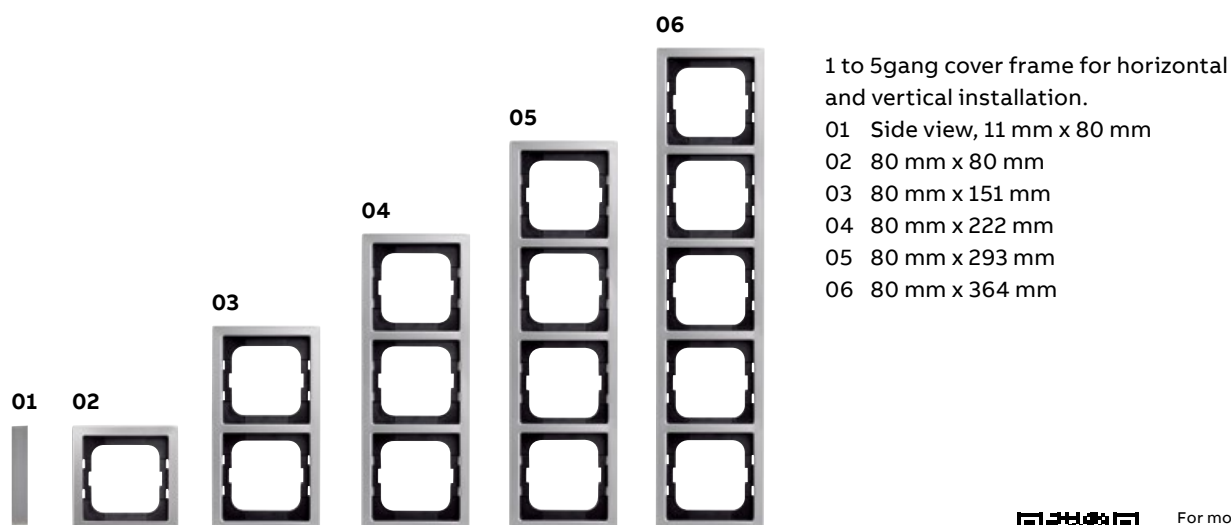


pure stainless steel

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-AudioWorld® 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 | 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.

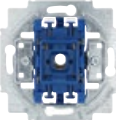
- 01 Side view, 11 mm x 80 mm
- 02 80 mm x 80 mm
- 03 80 mm x 151 mm
- 04 80 mm x 222 mm
- 05 80 mm x 293 mm
- 06 80 mm x 364 mm



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

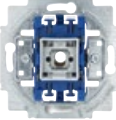
pure stainless steel

Rocker switches / push switches


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

¹⁾ 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)


²⁾ With screw-type terminals. Non-illuminable.

	Rocker Switch Mechanism ¹⁾ Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way		
	2400/6 US-500	2CKA001012A2232	10/100
	2gang 1way		
	2400/5 US-500	2CKA001012A2234	10
	1gang		
	2400/7 US-500	2CKA001012A2236	10


¹⁾ 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)

	Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/6/6US-101-500	2CKA001011A0928	10/100

¹⁾ 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)


Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2400/6/6US-101-500	2CKA001022A0663	10

¹⁾ 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)

	Rocker Switch Mechanism ^{1) 2)} DP, 1gang 1way For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/2 US-101-500	2CKA001012A2193	10/100


¹⁾ 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)

²⁾ Also for switching SCHUKO® socket outlets.


	Rocker Switch Mechanism ^{1) 2)} 3-pole, 1gang 1way switch Rated voltage: 400 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/3 US	2CKA001011A0816	10

¹⁾ 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)

²⁾ With screw-type terminals. Non-illuminable.

	Rocker Switch Mechanism, control ¹⁾ 2gang 1way with LED, Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2400/5 USK-500	2CKA001012A2238	10

¹⁾ 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)


	Rocker Switch Mechanism ¹⁾ With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way ²⁾		
	2000/6 USGL-500	2CKA001012A2194	10/100
	2gang 1way		
	2000/5 USGL	2CKA001012A1135	10

¹⁾ 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)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

pure stainless steel


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mechanism, control ¹⁾ ²⁾ ³⁾ With neon lamp. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way with N-terminal		
	2000/6 USK-500	2CKA001022A0659	10/100
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10

¹⁾ With 1 mA neon lamp.

²⁾ 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)

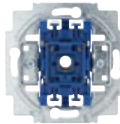
³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

	Rocker Switch Mechanism, control ¹⁾ ²⁾ ³⁾ 1gang 2way with N-terminal With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20IEC 60669-1		
	2400/6 USK-500	2CKA001022A0661	10

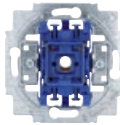
¹⁾ With 1 mA neon lamp.

²⁾ 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)


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

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

¹⁾ 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)

	Push-switch mechanism ¹⁾ SP, with normally open contact (operating current) With 2 independent signalling contacts. Rated voltage: 250 V~ Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-201	2CKA001413A0483	10

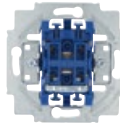
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

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

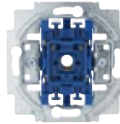
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.


³⁾ For relay and touch dimmer applications.


Product	Article-No.	Order-No.	Pack/Qty
	Push-switch mechanism ¹⁾ With one input terminal and 2 actuating covers. Rated voltage: 250 V~ Inputs: 1 Outputs: 2x Normally open contact Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-205-500	2CKA001413A1105	10/100


¹⁾ 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)


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

¹⁾ 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)

	Rocker For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1786-866-500	2CKA001751A3077 10/100


	Rocker For flush-mounted switch 2g 1w, 2g push switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1785-866-500	2CKA001751A3087 10/100

	Rocker As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20		
	stainless steel	1785 K-866	2CKA001751A3132 10


	Rocker with small transparent lens As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1789 N-866	2CKA001751A3152 10/100


pure stainless steel


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker with small red spherical cap As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1789-866	2CKA001751A2957 10/100


	Switch rocker with marking with small transparent lens With "Plug" icon. As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O" 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	1789 ST-866	2CKA001751A3162 10/100


	Switch rocker with marking light With symbol. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	2520 LI-866	2CKA001751A3191 10/100


	Switch rocker with marking key With key symbol. For flush-mounted push switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	2520 TR-866	2CKA001751A3200 10/100


	Switch rocker with marking bell With bell symbol. For flush-mounted push switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	2520 KI-866	2CKA001751A3181 10/100

	Switch rocker with marking with small transparent lens With symbol. As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1789 LI-866	2CKA001751A2958 10


Product	Article-No.	Order-No.	Pack/Qty
	Switch rocker with marking with small transparent lens With bell symbol. For flush-mounted push switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1789 KI-866	2CKA001751A2959 10

	Switch rocker with marking with small transparent lens With key symbol. For flush-mounted push switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1789 TR-866	2CKA001751A2960 10

	Switch rocker with marking with small red spherical cap With imprint "O" and "I". As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1788-866	2CKA001751A2961 10

	Rocker ¹⁾ ²⁾ with labelling field With pilot lamp for uniform illumination of the labelling field. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Size of labelling field: 59.7 x 11.7 mm. Surface painted. Protection class (Device): IP 20		
	stainless steel	1764 NLI-866	2CKA001731A1953 10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.
²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.







	Rocker ¹⁾ ²⁾ with labelling field With bell symbol. With pilot lamp for uniform illumination of the labelling field. For flush-mounted push switch. Size of labelling field: 59.7 x 11.7 mm. Surface painted. Protection class (Device): IP 20		
	stainless steel	1764 NLI/KI-866	2CKA001731A4003 10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.
²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.







	Switch rocker with marking with small red spherical cap With marking "Heizung". 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. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1789 H-866	2CKA001751A2963 10

pure stainless steel

Rocker switches / push switches


Product	Article-No.	Order-No.	Pack/Qty
	Switch rocker with marking For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. DO NOT DISTURB Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
stainless steel	1786/11-866	2CKA001751A3002	10
	Switch rocker with marking For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB MAKE UP ROOM Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
stainless steel	1785/11-866	2CKA001751A2996	10
	Bell push-switch DND/MUR with marking "Do not Disturb" and "Make up Room" two separate LED indicators with screw-type terminal Rated voltage: 250 V~ Rated current: 10 ABS EN 60669-1, IEC 60669-1		
stainless steel	2029 UC-866	2CKA001751A3171	1
	Cover plate 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. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
stainless steel	1792-866	2CKA001710A3757	10
	Card switch 10 A 1) SP, with normally open contact (operating current) Illuminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1		
	2025 U	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.	
1) 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)			
	Pull switch 1) SP, with normally open contact (operating current) With 2-metre pull cord, red handle, and red neon indicator. Rated voltage: 250 V~ Rated current: 10 A		
	2020/01 US	2CKA001413A1077	10

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Pull switch¹⁾ SP, break contact With 2-metre pull cord, red handle, and red neon indicator. Rated voltage: 250 V~ Rated current: 10 A		
		2020/10 US	2CKA001413A1076 10
¹⁾ 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)			
	Rocker open for red pull switch neon indicator For pull switch 2020/xx US. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1720-866	2CKA001731A1954 10
	Three-step rotary switch^{1) 2)} SP, with zero position With zero position. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
		2710 U	2CKA001101A0918 1/10
¹⁾ Install only in conjunction with wall boxes ø 60 mm.			
²⁾ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.			
	Three-step rotary switch^{1) 2)} SP, without zero position Without zero position. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
		2710/1 U	2CKA001101A0919 1/10
¹⁾ Install only in conjunction with wall boxes ø 60 mm.			
²⁾ Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.			
	Cover plate with rotary control, with marking As cover for flush mounted three-step rotary switch. With zero position. For insert 2710 U. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	2542 DR/01-866	2CKA001710A3758 10
	Cover plate with rotary control, with marking As cover for flush mounted three-step rotary switch. Without zero position. For insert 2710/1 U. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	2542 DR/02-866	2CKA001710A3759 10

pure stainless steel

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ for pull switch 2610/6 UC-xx, 2610/6 UJ-xx With screw-type terminal Surface painted. Protection class (Device): IP 20		
	stainless steel	1796-866	2CKA001753A0312 10

¹⁾ Exchanging the available cover/cover plate.








Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later). Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.		
	6716 U-500	2CKA006710A0014	1
	Rocker For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.		
	stainless steel	6736 FoH-866	2CKA006730A0139 1








¹⁾ Surface painted.

pure stainless steel

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	<p>Busch-rotary dimmer ^{1) 2) 3) 4) 5) 7)} 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 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</p>		
<div><div></div><div></div></div>			
	6523 U-102-500	2CKA006512A0335	1/10





- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁷⁾ UP, LED, 2-400 W 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		
	     		
	6523 UR-103-500	2CKA006512A0345	1/10





- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

pure stainless steel

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ^{1) 2) 3) 4) 5)} Flush-mounted, LED, 2-100 W Touch dimmer. 2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds with the trailing edge control mode. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1 		
			
6526 U-500	2CKA006512A0323	1/10	
¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ In case of electronic transformers, 5 % transformer losses. ⁴⁾ 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) ⁵⁾ Recommendation: Please use loads and types of one producer. ⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).			
	Busch-rotary dimmer ^{1) 2) 3) 4)} flush mounted, R, 60-600 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 600 W IEC 60669-2-1, British Standard EN 60669-2-1 		
			
2250 U-500	2CKA006515A0848	1/10	



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ Also applicable for 1gang 2way installations.
³⁾ 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)
⁴⁾ Provided with terminal for net disconnection devices.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RL, 20-500 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. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 		
			
2247 U-500	2CKA006512A0302	1/10	
¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ Provided with terminal for net disconnection devices. ⁴⁾ Also applicable for 1gang 2way installations. ⁵⁾ 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)			
	Busch-rotary dimmer ^{1) 2) 3) 4) 5)} 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	



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Provided with terminal for net disconnection devices.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ 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)
⁶⁾ Should be mounted in a separate wallbox.

pure stainless steel



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-2gang switch/rotary dimmer ¹⁾ ²⁾ ³⁾ flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 			
6517 U-101-500	2CKA006517A0018	1/10	



- ¹⁾ 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)
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Can be used to replace a 2gang 1way switch.

 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ flush mounted, RC, 40-420 W With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 40 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 			
6513 U-102-500	2CKA006513A0586	1/10	



- ¹⁾ Not suitable with conventional transformers.
²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Provided with terminal for net disconnection devices.
⁵⁾ Also applicable for 1gang 2way installations.
⁶⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ flush mounted, RC, 40-420 W DP switched With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. DP cut off (P,N) Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 			
6514 U-500	2CKA006514A0115	1	

- ¹⁾ Not suitable with conventional transformers.
²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Provided with terminal for net disconnection devices.
⁵⁾ Also applicable for 1gang 2way installations.
⁶⁾ 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)

 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ flush mounted, RLC, 60-420 W with soft-catch With intelligence for universal operation. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 			
6591 U-101-500	2CKA006513A0588	1/10	



- ¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.
²⁾ In case of electronic transformers, 5 % transformer losses.
³⁾ In the case of conventional transformers, take ~20% transformer loss into account.
⁴⁾ 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)
⁵⁾ Cannot be combined with a 2way switch.

 Busch-rotary dimmer, extension ¹⁾ ²⁾ flush mounted for connection to 6591 U-101. To be used with Busch-Dimmer®, MDRC 6583. with soft-catch. A maximum of 5 multi-way extensions can be connected to a 6591U-101. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz 			
6592 U-500	2CKA006513A0590	1	

- ¹⁾ Control elements 2115-xxx and 6540-xxx.
²⁾ Required for illuminating the N-connection control element.

pure stainless steel

Dimmers


Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ 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

¹⁾ Non-illuminable.


²⁾ Use cover plates 2115 J-.../2115-.../6540-...

³⁾ 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)

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

	Busch-rotary dimmer ¹⁾ 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 proof. 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 ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116 U	2CKA006599A3025	1


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ Flush-mounted, DALI, with internal power supply, tunable white 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116/11 U	2CKA006599A3026	1


¹⁾ 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)

pure stainless steel


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ flush mounted, DALI 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 proof. 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. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117 U-500	2CKA006599A2987	1

¹⁾ 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)


	Busch-rotary dimmer ¹⁾ flush mounted, DALI, with internal power supply 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. 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117/11 U-500	2CKA006599A2988	1

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ¹⁾ ²⁾ flush mounted, RL, 25-500 W With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Parallel operation of several transformers and/or incandescent lamps possible. Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
	6560 U-101-500	2CKA006560A1207	1/10

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

²⁾ 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)

	Busch touch-dimmer range ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, RC, 45-315 W For switching and dimming 2 independent devices. With trailing edge control. 2gang 1way For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Compatible with control covers 6545-xxx. Without cover, without cover plate. Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz IEC 60669-2-1, British Standard EN 60669-2-1		
	6565 U-500	2CKA006565A0057	1/10

¹⁾ Not suitable with conventional transformers.



²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ 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)



⁴⁾ Does not provide an extension input.

pure stainless steel

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2) 3)} flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6593 U-500	2CKA006590A0171	1/10


- ¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.
²⁾ In case of electronic transformers, 5 % transformer losses.
³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.
⁴⁾ 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)

 <p>Busch-Dimmer®, capacity booster ¹⁾ flush mounted, RLC, 200-315 W The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101 For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 200 - 315 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6594 U-500	2CKA006590A0172	1
---	-------------------	-----------------	---


- ¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2) 3)} flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). For LED control via control gears Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6550 U-101-500	2CKA006550A0042	1


- ¹⁾ Non-illuminable.
²⁾ 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)
³⁾ with integrated making-current limiter

 <p>Cover plate ¹⁾ 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. Material stainless steel. Anti fingerprint.</p>	6540-866-102	2CKA006599A2959	10/100
--	---------------------	-----------------	--------

- ¹⁾ Replacement neon lamp, Art. No. 3855.

 <p>Control element ^{1) 2) 3)} 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. Surface painted.</p>	6543-866-101	2CKA006599A2926	1/10
---	---------------------	-----------------	------


- ¹⁾ Compatible with previous type 6543-xxx.
²⁾ Touch-type Controller 6550 U-xxx non-illuminable.
³⁾ Replacement neon lamp 3857.

 <p>Control element ¹⁾ with neon lamp Combinable with Busch-Memory 2gang dimmer 6565 U. Material stainless steel. Anti fingerprint.</p>	6545-866	2CKA006599A2927	1/10
---	-----------------	-----------------	------

- ¹⁾ Replacement neon lamp 3857.


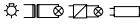
pure stainless steel

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ for cooling element For Busch-Universal master dimmer power module 6594 U. For room temperature controller object range 6108/0x and base for blind cover 6930/01. Surface painted.		
	stainless steel	6541-866	2CKA006599A2924 10

¹⁾ Surface painted.

Movement detectors / comfort switches


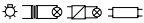
Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 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 °C60669-2-1 		
	6401 U-102-500	2CKA006401A0049	1/10



	Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x 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): 0 °C to 35 °CBritish Standard EN 60669-2-1 		
	6402 U-500	2CKA006401A0051	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.
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.

pure stainless steel

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Watchdog relay mechanism 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V, +10 % / -10 % Rated frequency: 50 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 power: 700 W/VA</p> <p>Temperature range (Device): 0 °C to 55 °C British Standard EN 60669-2-1</p> 	6812 U-101-500	2CKA006800A2160	1/10

 <p>Busch-Watchdog MOS-Fet Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ 2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA</p> <p>Temperature range (Device): 0 °C to 35 °C British Standard EN 60669-2-1</p> 	6804 U-101-500	2CKA006800A2219	1/10
---	-----------------------	-----------------	------

¹⁾ In case of electronic transformers, 5 % transformer losses.


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

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.


⁴⁾ Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relays.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Watchdog extension insert ¹⁾ 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): 0 °C to 35 °C</p>	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

¹⁾ Not combinable with relay switch insert 6812 U-101.


 <p>Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ ²⁾ with select-lens For automatic switching of devices dependent on motion and brightness. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 18 sectors with 72 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 12 m, lateral: 8 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C</p>	6800-866-104	2CKA006800A2343	1
---	---------------------	-----------------	---

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ Surface painted.

pure stainless steel


Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ ²⁾ ³⁾ with multi-lens		
	<p>For automatic switching of devices dependent on motion and brightness.</p> <p>For down-to-ground detection.</p> <p>For relay inserts 6401 U-102, 6402 U and 6812 U-101.</p> <p>For MOS-Fet insert 6804 U-101.</p> <p>For Dimmer insert 6593 U.</p> <p>For extension insert 6805 U.</p> <p>With integrated selector switch for ON-AUTOMATIC-OFF (lockable).</p> <p>Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.</p> <p>Surveillance density: 28 sectors with 112 switching segments.</p> <p>Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.</p> <p>Surface painted.</p> <p>Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m</p> <p>Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m</p> <p>Detection angle: 180 °</p> <p>Brightness limit value: 5 Lux Up to daytime operation</p> <p>Mounting height: 0.8 m - 1.2 m alternative: 2.5 m</p> <p>Protection class (Sensor): IP 20</p> <p>Temperature range (Device): 0 °C to 35 °C</p>		
stainless steel	6800-866-104M	2CKA006800A2344	1



¹⁾ installation: slide switch top.

²⁾ Please order the respective flush-mounted insert separately.

³⁾ Surface painted.

	Cover plate ¹⁾		
	<p>For proximity switch 6406 U.</p> <p>Surface painted.</p>		
stainless steel	6476-866	2CKA006470A0009	10

¹⁾ Surface painted.



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert		
	<p>3 wire connection (neutral conductor required).</p> <p>For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500.</p> <p>For Busch-Presence detector sensor 6813-...-102-500.</p> <p>Can be combined with Universal-Slave insert 6440/05 U-500. 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).</p> <p>2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disabement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101.</p> <p>Rated voltage: 230 V~, +10 % / -10 %</p> <p>Rated frequency: 50 Hz - 60 Hz</p> <p>Outputs: 1x Normally open contact, potential-bound</p> <p>Suitable for: 230 V~ LEDi</p> <p>Rated power: 100 W/VA</p> <p>Suitable for: 230 V incandescent lamps/230 V halogen lamps.</p> <p>Rated current: 10 AX</p> <p>Rated power: 2300 W</p> <p>Suitable for: Low voltage halogen lamps operated by transformers.</p> <p>Rated power: 2300 VA</p> <p>Temperature range (Device): -5 °C to 45 °C</p> <p>Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm</p> <p>Mounting depth: 31 mm</p> <p>DIN EN 60669-2-1</p>		
			
	6440/01 U-500	2CKA006400A0085	1

	Universal e-contact insert ¹⁾		
	<p>2-wire connection (neutral conductor not required)</p> <p>For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500.</p> <p>Can be combined with Universal-Slave insert 6440/05 U-500.</p> <p>Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.</p> <p>Operation also possible via conventional push buttons (2020 US, 2021/6 UK).</p> <p>2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disabement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101</p> <p>Rated voltage: 230 V~, +10 % / -10 %</p> <p>Rated frequency: 50 Hz - 60 Hz</p> <p>Outputs: 1x Normally open contact, potential-bound</p> <p>Suitable for: 230 V~ LEDi</p> <p>Rated power: 2 - 80 W/VA</p> <p>Suitable for: 230 V incandescent lamps/230 V halogen lamps</p> <p>Rated power: 20 - 180 W</p> <p>Suitable for: Low voltage halogen lamps operated by transformers.</p> <p>Rated power: 20 - 180 VA</p> <p>Temperature range (Device): -5 °C to 45 °C</p> <p>Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm</p> <p>Mounting depth: 31 mm</p> <p>DIN EN 60669-2-1</p>		
			
	6440/04 U-500	2CKA006400A0088	1

¹⁾ Only use dimmable high voltage LEDs.

pure stainless steel

Movement detectors / comfort switches



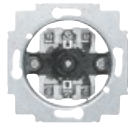
Product	Article-No.	Order-No.	Pack/Qty
	Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1
	Busch-Comfort switch control element ^{1) 2)} with neon lamp Movement detector/push-button switch combination. Push switch function possible at all times. For switching lighting systems that depend on brightness and movement. Extension of the detection range by means of master/slave combination. Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semi-automatic, manual switch-on, automatic (time and motion-controlled) switch-off. Adjustable operating mode: automatic switch-on, manual switch-off. With continuous light/continuous off function. Adjustment elements on the rear. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED for status display. Detection range: frontal: 5 m, lateral: 3 m, Mounting height: 1.1 m Detection angle: 170 ° Brightness limit value: 0.5 Lux - 500 Lux, Daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm DIN EN 60669-2-1		
	6815-866-101-500	2CKA006800A2843	1

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ The range specifications refer to an ambient temperature of 21 °C.

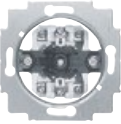
³⁾ Surface painted.

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Key Switch Insert ^{1) 2) 3)} breaking circuit, 1-pole For profile semi-cylindrical lock. In switched-on and switched-off status the key can be pulled out in the central position, respectively. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1		
	2733 USL-101	2CKA001101A0914	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.		
¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)			
²⁾ Use the cylindrical lock according to the enclosed drawing.			
³⁾ See profile semi-cylindrical lock.			
	Blind switch insert ^{1) 2)} With interlock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1		
	SP, switch		
	2000/4 US-500	2CKA001012A2197	10/100
	SP, push switch.		
	2020/4 US-500	2CKA001413A1103	10/100
¹⁾ 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)			
²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.			
	Blind switch insert ^{1) 2)} With rotary knob/switch and push switch. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1		
	DP ³⁾		
	2712 U	2CKA001101A0534	10
	SP, N, E		
	2713 U	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.		
¹⁾ 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)			
²⁾ Blind switches/push switches prevents fast change over between operating directions.			
³⁾ Also suitable for controlling direct voltage drives.			

pure stainless steel


Blind control / timers

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

¹⁾ 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)

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

³⁾ Also suitable for controlling direct voltage drives.

	Blind switch/push-switch ¹⁾ ²⁾ ³⁾ ⁴⁾ For profile semi-cylindrical lock/switch and push-switch. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	DP ⁵⁾		
	2712 USL-101	2CKA001101A0872	10
	SP, N, E		
	2713 USL-101	2CKA001101A0880	10


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

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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

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


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


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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.


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

	Comfort blind insert ¹⁾ ²⁾ ³⁾ with memory and positioning function For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob. Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off. Suitable for operation without neutral conductor. Without an extension input. Power reserve of 45 minutes (maintenance-free as capacitor). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 1.3 A, cos φ 0.5 Rated power: 300 VA		
	Temperature range (Device): 0 °C to 35 °C		
	6419 U	2CKA006410A0390	1/10

¹⁾ Pertinent cover plates 6436-xx.

²⁾ 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.

³⁾ Only suitable for single unit control.

	Basic blind insert ¹⁾ ²⁾ 2-wire blind insert 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 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA		
	Temperature range (Device): 0 °C to 35 °C		
	6418 U-500	2CKA006410A0376	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.

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



²⁾ 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.


pure stainless steel

Blind control / timers



Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Blind control II switch insert ¹⁾ 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, louver, 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. Running time: 3 min Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA</p> <p>Control/Signal outputs: 2 Temperature range (Device): 0 °C to 35 °C</p>	6411 U-500-101	2CKA006410A0378	1/10


¹⁾ Compatible with types 6411 U/x.

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


Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Short-time timer insert ¹⁾ 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</p> <p>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		

¹⁾ 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)

 <p>Rocker with marking As cover for flush-mounted blind control switch/push switch. For inserts 2000/4 and 2020/4 US. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20</p>	1785 JA-866	2CKA001751A2964	10
stainless steel			
 <p>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. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20</p>	1740-866	2CKA001710A3748	10
stainless steel			


 <p>Cover plate ¹⁾ 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. Surface painted. Protection class (Device): IP 20</p>	1755 SL/PZ-866-101	2CKA001710A3749	10
stainless steel			

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 <p>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. Surface painted.</p>	6430-866-102	2CKA006430A0343	1/10
stainless steel			


pure stainless steel

Blind control / timers


Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ ²⁾ with rotary knob For comfort blinds insert 6419 U. Surface painted.		
	stainless steel	6436-866	2CKA006430A0362 10

¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.


²⁾ Surface painted.

	Standard timer control element ¹⁾ 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

¹⁾ See respective cover plates 6435-xx.

Product	Article-No.	Order-No.	Pack/Qty
	Comfort timer control element ¹⁾ 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		
		6455-101-500	2CKA006410A0399 1/10

¹⁾ See respective cover plates 6435-xx.


	Time switch mechanism 16 A ¹⁾ ²⁾ DP, break contact for staircases, exterior lighting, fans, etc. Running time: 15 min For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos φ 0.25 Protection class (Device): IP 20		
		1070 U	2CKA001043A0025 1/10

¹⁾ For screw-fixing only

²⁾ 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)


pure stainless steel


Blind control / timers


Product	Article-No.	Order-No.	Pack/Qty
	Time switch mechanism 16 A ¹⁾ ²⁾ DP, break contact for staircases, exterior lighting, fans, etc. Running time: 120 min For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos φ 0.25 Protection class (Device): IP 20		
	1071 U	2CKA001043A0124	1

¹⁾ For screw-fixing only

²⁾ 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)


	Cover plate with rotary knob, with marking For Busch-Timer insert 1070 U. Running time: 15 min Surface painted. Protection class (Device): IP 20		
	1770-866-103	2CKA001753A0259	10


	Cover plate with rotary knob, with marking For Busch-Timer insert 1071 U. Running time: 120 min Surface painted. Protection class (Device): IP 20		
	1771-866-103	2CKA001753A0302	10

	Cover plate ¹⁾ 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. Surface painted.		
	6435-866	2CKA006430A0344	10


¹⁾ Surface painted.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet With screwless terminals. DP (2 P + E) Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	20 EUC-866-500	2CKA002011A6212	10/100

	SCHUKO® socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	20 EUCKS-866-500	2CKA002013A5374	10/100


¹⁾ Increased shock protection.

	SCHUKO® USB socket outlet ¹⁾ ²⁾ ³⁾ shuttered With screwless terminals. DP (2 P + E) For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Surface painted. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: SCHUKO® socket outlet Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm		
	20 EUCBUSB-866-500	2CKA002011A6184	1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ No data transfer.


³⁾ Use dust cover 2098 when cleaning the device.

	SCHUKO® socket outlet ¹⁾ with labelling field DP (2 P + E) Size of labelling field: 60 x 9 mm. Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	20 EUN-866	2CKA002011A3851	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

pure stainless steel


Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ¹⁾ with marking "EDV" With screwless terminals. DP (2 P + E) Shuttered. Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
stainless steel	20 EUCKS/DV-866	2CKA002013A5277	10


¹⁾ Increased shock protection.


	Busch-Protector® SCHUKO® socket outlet ¹⁾ with overvoltage protection DP (2 P + E) With integrated and external signalling contact. 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. Arrestor test class: classification Type 2 Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Secondary: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
stainless steel	2310EUGL/VA-866-112	2CKA002011A3853	1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.


	SCHUKO® socket outlet ¹⁾ with LED control light Shuttered. DP (2 P + E) With transparent lens. LED colour green. Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
stainless steel	20 EUCBL-866	2CKA002013A5289	10


¹⁾ Resistant to aggressive media, e.g. ammonia, benzene, oils, greases, alcohol, cleansing agents, in normal concentrations.


	SCHUKO® socket outlet with hinged lid With screwless terminals. DP (2 P + E) Hinged lid notches when opened. Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
stainless steel	20 EUK-866	2CKA002018A1490	10


Product	Article-No.	Order-No.	Pack/Qty
	Busch-Object socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Incl. Cover plate with extract mechanism. Surface painted. Rated voltage: 250 V~ Rated current: 16 A		
stainless steel	20 EUAB-866	2CKA002013A5408	10


¹⁾ Increased shock protection.

	Shaver socket outlet For installation into FM 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 20 VA IEC 61558-2-5:97		
stainless steel	2332 UJBS-866	2CKA002130A0293	1

	Flush-mounting wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm		
	3030	2CKA001741A0067	4






	Flush-mounting cavity wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm		
	3031	2CKA001741A0068	4

	13 A Switched socket outlet 1gang With screw-type terminals. SP switched Without claws. Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122. Rated voltage: 250 V~ Rated current: 13 ABS 1363: part2		
stainless steel	2190 EUC-866	2CKA002190A0217	10


	Chinese socket outlet, 10 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A Rated current: 10 A delivery on request		
stainless steel	2193 EUC/10-866-500		

pure stainless steel

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Chinese socket outlet, 16 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 16 A delivery on request		
	stainless steel	2193 EUC/16-866-500	
	Chinese and Euro American socket outlet, 10 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A delivery on request		
	stainless steel	2195 EUC/10-866-500	
	Euro American socket outlet with earth, 16 A 1gang With screw-type terminals. Without claws. Rated voltage: 250 V~ Rated current: 16 A delivery on request		
	stainless steel	2196 EUC-866-500	CBA019A082S6010
	International socket outlet 13A ¹⁾ 1gang With screw-type terminals. Without claws. Rated voltage: 250 V~ Rated current: 13 A delivery on request		
	stainless steel	2197 EUC-866-500	CBA019A071S6010
	SCHUKO® socket outlet ¹⁾ ²⁾ shuttered With screw-type terminals. DP (2 P + E) Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	stainless steel	2300 EUCB-866	2CKA002013A5452 10/100



¹⁾ Increased shock protection .²⁾ With screw-type terminals

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet steplight® ¹⁾ ²⁾ With night orientation light with separate connection cables for switch contact. with LED, Shuttered. DP (2 P + E) Surface painted. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	stainless steel	20 EUCBLI-866	2CKA002013A5460 1
	SCHUKO® socket outlet ¹⁾ with labelling field DP (2 P + E) Size of labelling field: 60 x 9 mm. Material stainless steel. Anti fingerprint. Shuttered. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	stainless steel	20 EUCNB-866	2CKA002013A5432 10
	FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) ¹⁾ ²⁾ ³⁾ with earth leakage circuit breaker Shuttered. DP cut off (P,N) Without PE monitoring. With connecting conductor and protection of downstream socket outlets. Rated fault current: 30 mA. With fixing claws. Rated frequency: 45-60 Hz. Surface painted. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 21 Temperature range (Device): -25 °C to 40 °C		
	stainless steel	3120 EUCB-866	2CKA003116A0669 1/10
	Buschmat® FI - Insert ¹⁾ with earth leakage breaker with connecting conductor Protection of downstream consumers. Rated actuating current: 30 mA. Release time: ≤ 30 ms. Short-circuit strength: 3000 A (with 25 A GL fuse). Current surge strength: 250 A (8/20) μs. DP cut off (P,N) Without claw fixation. Rated frequency: 45-60 Hz. Surface painted. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 21 Temperature range (Device): -25 °C to 40 °C		
	stainless steel	3151 UC-866	2CKA003117A0011 1/10

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.²⁾ Resistant to aggressive media, e.g. ammonia, benzene, oils, greases, alcohol, cleansing agents, in normal concentrations.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.²⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.³⁾ Increased shock protection .¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

pure stainless steel


Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet shuttered With screwless terminals. DP (2 P + E) with hinged lid Material stainless steel. Anti fingerprint. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	stainless steel	20 EUKB-866	2CKA002018A1521 10/100
	Socket outlet ¹⁾ ²⁾ with earthing pin With screwless terminals. Shuttered. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A		
	stainless steel	20 MUCKS-866-500	2CKA002017A0900 10

¹⁾ Socket outlet with integrated child protection. Replaces the usual term "...with child protection".


²⁾ Order-bound manufacturing


Data communication

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


¹⁾ Suitable for cover plate 1803-xxx.

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

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

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

¹⁾ Suitable for cover plate 1803-xxx.

	Universal data connection box with down-leading outlet ¹⁾ 2gang internally parallel connected With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
		0214	2CKA000230A0235 10/100

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

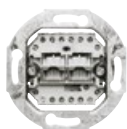
2gang product combinations: 2gang combination with adapter plate APBS in Dual Box only.

neon indicator: not applicable


¹⁾ Suitable for cover plate 1803-02-xxx.

pure stainless steel


Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Universal data connection box with down-leading outlet ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0215	2CKA000230A0243	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			


¹⁾ Suitable for cover plate 1803-02-xxx.

	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang 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 wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20		
	0218/11-101	2CKA000230A0409	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.		

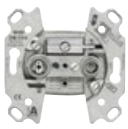
¹⁾ Suitable for cover plate 1803-xxx.

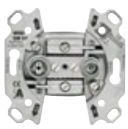
Product	Article-No.	Order-No.	Pack/Qty
	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 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		
	0218/12-101	2CKA000230A0411	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.		

¹⁾ Suitable for cover plate 1803-02-xxx.

	Universal data connection box 8(6)/ telephone unit 6F+N - connection box ¹⁾ 2 x 6-pole 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	UAE 8(6)TAE 6 F+N	2CKA000230A0381 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.		

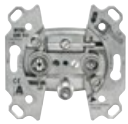
¹⁾ Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.


	Satellite co-axial outlets 2 connectors/dead-end feeder 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		
	0230-101	2CKA000230A0250	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.		


	Antenna socket insert Radio/TV 2 connectors/loop through type 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		
	0231-101	2CKA000230A0268	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.		

pure stainless steel

Data communication


Product	Article-No.	Order-No.	Pack/Qty
	Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder 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		
	0232-101-500	2CKA000230A0463	10/100

	Terminating resistor 75 Ohm Protection class (Device): IP 20		
	0239	2CKA000230A0201	10/100

	Mounting plate ¹⁾ ²⁾ with green insert 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		
	1810-500	2CKA001753A9974	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with red insert 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		
	1812-500	2CKA001753A9972	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

Product	Article-No.	Order-No.	Pack/Qty
	Mounting plate ¹⁾ ²⁾ with black insert For MTRJ or 2 modular jack inserts. 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. For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ. Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm. Without claws. Protection class (Device): IP 20		
	1814-500	2CKA001753A9973	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with blue insert For 2 modular jack inserts. For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III. Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm. Without claws. Protection class (Device): IP 20		
	1816	2CKA001710A3100	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with orange base For 2 modular jack inserts. For system: LexCom 150 and LexCom 250. Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm. Without claws. Protection class (Device): IP 20		
	1819	2CKA001753A8056	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with grey base For 2 modular jack inserts. For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules. Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws. Protection class (Device): IP 20		
	1820	2CKA001753A8057	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.


²⁾ For further information, please refer on the Internet.

	Flush-mounted assembly adapter For the accommodation of one or two universal modules 0219. For flush-mounted installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	0219/12	2CKA000230A0395	1/10


pure stainless steel


Data communication


Product	Article-No.	Order-No.	Pack/Qty
	Channel assembly adapter For the accommodation of one or two universal modules 0219. For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	0219/13	2CKA000230A0396	1/10


	Universal module, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang For installation in installation adapter 0219/12 or 0219/13. Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. 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. Cat. 6A 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. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Bend-radius optimised cable feed (30°). Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. 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 For data cables with a diameter of 6 -10 mm. For wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20		
	0219-101	2CKA000230A0413	1/10


¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.


	Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0210	2CKA000225A0078	10

	Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0211	2CKA000225A0086	10


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

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

	Blank plate with metal mounting plate Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1742-866	2CKA001710A3751	10

	Cover plate ¹⁾ with metal mounting plate As cover for flex outlet, for cords up to 10.3 mm diameter. With strain relief (without terminal block). Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1749-866	2CKA001710A3752	10






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

	Cover plate ¹⁾ As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK). BTR (universal data connecting unit design and IAE design). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1803-866	2CKA001710A3763	10/100








¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

pure stainless steel

Data communication


Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ 2gang As cover for universal data connection boxes. 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). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1803-02-866	2CKA001710A3764	10/100
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1766-866	2CKA001710A3765	10/100
	Cover plate As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1745-866	2CKA001710A3766	10
	Cover plate ¹⁾ socket outlet Telephone socket (TDO) Surface painted.		
	stainless steel 1762-866-506	2CKA001710A4107	10/100
¹⁾ Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).			
	Cover plate ^{1) 2)} as cover for standard Radio/TV/SAT socket outlets With 2 connectors Acc. to German Standard DIN 45330. Radio/TV/SAT. With M3 fixing screw. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1743-866	2CKA001724A4271	10/100

¹⁾ Third opening can be knocked out.²⁾ See inserts for satellite coaxial socket outlets.

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann. Surface painted. Protection class (Device): IP 20		
	stainless steel 1743-04-866	2CKA001724A4378	10
¹⁾ See adapter ring 1746/10x.			
	Cover plate ¹⁾ As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Surface painted. Protection class (Device): IP 20		
	stainless steel 1743/10-04-866	2CKA001724A4369	10
¹⁾ See adapter ring 1746/10x.			
	Cover plate ¹⁾ with labelling field For modular jack with slide entrance. To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820. Size of labelling field: 60 x 9 mm. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1800-866	2CKA001710A3767	10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	Cover plate ¹⁾ with metal mounting plate For 1 modular jack. Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws. Surface painted. Protection class (Device): IP 20		
	stainless steel 2561-866	2CKA001753A0404	10
¹⁾ Surface painted.			
	Cover plate with metal mounting plate For 2 modular jack inserts. Suitable for Art. No. 0210 and 0211. Without claws. Surface painted. Protection class (Device): IP 20		
	stainless steel 2561-02-866	2CKA001753A0395	10
	Cover plate For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Surface painted. Protection class (Device): IP 20		
	stainless steel 1746/10-866	2CKA001710A3768	10
	Intermediate ring For attaching cover plates from the Busch-balance® SI range. Surface painted. Protection class (Device): IP 20		
	stainless steel 1747 BSI-866	2CKA001710A4097	10

pure stainless steel


Data communication


Product	Article-No.	Order-No.	Pack/Qty
	Cover plate With hinged lid. For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Surface painted. Protection class (Device): IP 20		
	stainless steel 1746-866	2CKA001710A3769	10


	Intermediate ring with hinged lid ¹⁾ 2) For accommodating cover plates from the Busch-Duro 2000® SI program and Reflex SI, e.g. child protection socket outlets, equipotential, antenna, and ISDN socket outlets, etc. Delivery without cover plate. With sealing ring. IP 44 only in conjunction with cover frames All Weather 44. Surface painted. Protection class (Device): IP 44		
	stainless steel 2518-WD-866	2CKA001719A0221	10


¹⁾ 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.


²⁾ Combinable only with covers for flush-mounted inserts


	XLR centre plate As cover for Neutrik plug connectors, type D series. Without claws. Surface painted. Protection class (Device): IP 20		
	stainless steel 2553-866	2CKA001724A4403	10

	Cover plate with metal mounting plate 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. Knock-out openings 6, 8, 18 mm. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1748-866	2CKA001710A3760	10

	Cover plate with metal mounting plate As cover for BNC and TNC sockets. Knock-out openings 6, 8, 18 mm. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel 1750-866	2CKA001710A3770	10

	Equipotential socket outlet 2gang Without claws. For connecting wires up to 1 x 6 mm ² and 4 x 2.5 mm ² . IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007 Connection bolts German Standard DIN 42801. Surface painted. Protection class (Device): IP 20		
	stainless steel 2095 UC-866	2CKA002495A0090	10


Product	Article-No.	Order-No.	Pack/Qty
	Cover plate with metal mounting plate With screw-type terminal. Fixed with central locknut. As cover for pilot devices with a diameter of 22.5 mm Without claws. Surface painted. Protection class (Device): IP 20		
	stainless steel 2533-866	2CKA001724A4270	10

	Cover plate ¹⁾ with metal mounting plate for communication devices. With labelling field 60.2 x 10.2 mm. Without claws. Surface painted. Protection class (Device): IP 20		
	stainless steel 1758-866	2CKA001724A4272	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

pure stainless steel

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Busch-DigitalRadio ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ RDS stereo radio alarm clock for flush-mounted installation. Reception frequency: 87.50 MHz - 108.00 MHz. With display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time display. With alarm 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. Rated voltage: 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: 34 mm		
	8215 U-500	2CKA008200A0182	1/10


¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ 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
	Busch-Radio iNet ¹⁾ ²⁾ ³⁾ ⁴⁾ 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		
	8216 U-500	2CKA008200A0153	1/10



¹⁾ No claw. Screw-fixing via keyholes.



²⁾ Matching loudspeaker insert 8223 U.

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

⁴⁾ 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.

pure stainless steel

Multimedia / communication adapters



Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Radio BTconnect ¹⁾ ²⁾ ³⁾ ⁴⁾ RDS stereo radio alarm clock for flush-mounted installation. With Bluetooth interface for music replay of mobile devices. Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time and date display. With alarm clock and snooze function. With short-time timer. 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: 2.1 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 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 47 mm Mounting depth: 32 mm</p>  <p>8217 U-500</p>		2CKA008200A0194	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).


 <p>Busch Bluetooth receiver ¹⁾ ²⁾ ³⁾ ⁴⁾ Bluetooth interface for music replay of mobile devices. With integrated amplifier. With external AUX input. For mono/stereo operation. Can be combined with the MDRC amplifier 8208. Admissible loudspeaker impedance: 4 - 16 Ohm Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.0 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 Display elements: LED for status display. 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 45 mm Mounting depth: 32 mm</p>  <p>8219 U</p>		2CKA008200A0198	1/10
---	--	-----------------	------

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Product	Article-No.	Order-No.	Pack/Qty
 <p>Loudspeaker insert ¹⁾ 5 cm (2") For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U. For Busch Bluetooth receiver 8219 U. With broadband characteristics. With flat plug connector. Incl. speaker connection cable. Rated output: 2 W (RMS) Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm Protection class (Device): IP 20, SELV Mounting depth: 32 mm</p> <p>8223 U-500</p>		2CKA008200A0183	1/10

¹⁾ No claw. Screw-fixing via keyholes.


 <p>Busch-powerDock Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ 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> <p>6473 U-500</p>		2CKA006400A0039	1/10
---	--	-----------------	------

¹⁾ No claw. Screw-fixing via keyholes.

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

³⁾ 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.


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


 <p>Busch-powerDock Charging cradle with Apple lightning connection ¹⁾ For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with lightning connection. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7. For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> <p>6473-500</p>		2CKA006400A0081	1/10
---	--	-----------------	------

¹⁾ Not released for use with the iPad.

pure stainless steel

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Busch-powerDock Charging cradle with USB-C connection For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm		
	6473/11-500	2CKA006400A0083	1/10


	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used: Rated current: 1400 mA Suitable for: In case two output are used: Rated current: 700 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm Mounting depth: 32 mm		
	6472 U-500	2CKA006400A0002	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

⁴⁾ Use dust cover 2098 when cleaning the device.


	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used: Rated current: 3 A Suitable for: In case two output are used: Rated current: 1.500 mA 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 Available from November 2019		
	6472 U-500-101	2CKA006400A0094	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.


⁴⁾ Use dust cover 2098 when cleaning the device.

Product	Article-No.	Order-No.	Pack/Qty
	USB charging station insert ¹⁾ ²⁾ ³⁾ For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm Mounting depth: 32 mm		
	6474 U-500	2CKA006400A0033	1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.


³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

	HDMI connection unit ¹⁾ 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-TV/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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		
	white	0261/31-500	2CKA000230A0430 1

grey	0261/33-500	2CKA000230A0432 1
------	--------------------	-------------------

alpine white	0261/32-500	2CKA000230A0431 1
--------------	--------------------	-------------------

¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.

	VGA connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		
	white	0261/21-500	2CKA000230A0424 1



grey	0261/23-500	2CKA000230A0426 1
------	--------------------	-------------------





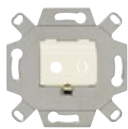

alpine white	0261/22-500	2CKA000230A0425 1
--------------	--------------------	-------------------

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

pure stainless steel

Multimedia / communication adapters






Product	Article-No.	Order-No.	Pack/Qty
 <p>USB connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	white	0261/11-500	2CKA000230A0418 1
	grey	0261/13-500	2CKA000230A0420 1
	alpine white	0261/12-500	2CKA000230A0419 1
	¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.		
 <p>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</p>	white	0262/11-500	2CKA000230A0436 1
	grey	0262/13-500	2CKA000230A0438 1
	alpine white	0262/12-500	2CKA000230A0437 1
 <p>F duct-jack for communication adapter For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20</p>	metal clad	0262-500	2CKA000230A0440 1
 <p>Communication adapter for Cinch-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</p>	white	0263/11-500	2CKA000230A0444 1
	grey	0263/13-500	2CKA000230A0446 1
	alpine white	0263/12-500	2CKA000230A0445 1

Product	Article-No.	Order-No.	Pack/Qty
 <p>Cinch-jacks for communication adapter 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</p>	alpine white	0263/04-500	2CKA000230A0451 1
 <p>Cinch-jacks for communication adapter 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</p>	black	0263/05-500	2CKA000230A0452 1
 <p>Cinch-jacks for communication adapter 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</p>	Red	0263/06-500	2CKA000230A0453 1
 <p>Cinch-jacks for communication adapter 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</p>	yellow	0263/07-500	2CKA000230A0454 1
 <p>Communication adapter for Mini-jacks 3,5mm. 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</p>	white	0264/11-500	2CKA000230A0458 1
	grey	0264/13-500	2CKA000230A0460 1
	alpine white	0264/12-500	2CKA000230A0459 1
 <p>Mini-jack 3,5 mm for communication adapter 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</p>	chrome gloss	0264-500	2CKA000230A0462 1

pure stainless steel


Multimedia / communication adapters


Product	Article-No.	Order-No.	Pack/Qty
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	white	0248/02-101	2CKA000230A0402 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	alpine white	0248/04-101-500	2CKA000230A0464 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	anthracite	0248/05-101	2CKA000230A0404 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
	Cover plate ¹⁾ For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U. Surface painted.		
	stainless steel	8252-866	2CKA008200A0059 10
¹⁾ Surface painted.			
	Cover plate ¹⁾ For loudspeaker insert 8223 U. Surface painted.		
	stainless steel	8253-866	2CKA008200A0087 1/10
¹⁾ Surface painted.			
	Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1766-866	2CKA001710A3765 10/100

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate with metal mounting plate With fixing claws. loudspeaker inserts and cover. Conductor cross-sections up to 4 mm ² rigid. With screw-type terminals. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1751-866	2CKA001723A0255 10
	Cover plate with rotary control, with marking As a cover for volume controllers. Suitable for the "LR 15 mono BJ UP" devices of WHD. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1740 DR/03-866	2CKA001710A3812 10
	Cover plate ¹⁾ For Busch Bluetooth receiver 8219 U. Surface painted.		
	stainless steel	8255-866	2CKA008200A0219 1
¹⁾ Surface painted.			
	Cover plate ¹⁾ For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.		
	stainless steel	6478-866	2CKA006400A0030 1
¹⁾ Surface painted.			
	Cover plate for Busch-powerDock ¹⁾ For Busch-powerDock charging cradle.		
	stainless steel	6477-866	2CKA006400A0064 10
¹⁾ Surface painted.			

pure stainless steel

Room thermostats


Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 U-500	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.		
¹⁾ 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)			
²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.			
³⁾ Switching temperature difference: ± 0.5 K.			


	Room thermostat, flush-mounted ^{1) 2) 3)} Slide switch 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. 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: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1095 U-500	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.		


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.


Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Sliding switch, 24 V 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. 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1096 U	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.		
¹⁾ 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) ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g., Art. No. 6164/10 . ³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted ^{1) 2) 3)} 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 °CEN 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.		
¹⁾ 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) ²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101. ³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted 1) 2) 3) Actual value indication With actual value temperature display Automatic controller calibration Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 UTA	2CKA001032A0487	1/10
¹⁾ 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) ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter. ³⁾ Switching temperature difference: ± 0.5 K.			

pure stainless steel


Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Sliding switch, actual value indication 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
1095 UTA	2CKA001032A0488	1/10	

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
1096 UTA	2CKA001032A0489	1/10	

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ 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 AEN 60730-2-9, British Standard EN 60669-2-1		
1097 UTA	2CKA001032A0490	1/10	

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ 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 °CEN 60730-2-9		
1098 U-101	2CKA001032A0508	1/10	

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted ¹⁾ 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 ² to 2.5 mm ² 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 1EN 60730-2-9, British Standard EN 60669-2-1		
1095 UF	2CKA001032A0497	1/10	

¹⁾ 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)


pure stainless steel

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted ^{1) 2)} Change-over contact, setpoint indication, timer, remote sensor 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 Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. 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: 16 A Temperature range (Device): 10 °C to 50 °CEN 60730-2-9</p>	1098 UF-101	2CKA001032A0509	1/10

¹⁾ 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)


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

 <p>Room thermostat, flush-mounted ^{1) 2) 3)} Heating/cooling 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1099 UHK	2CKA001032A0515	1/10
--	-----------------	-----------------	------

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.


 <p>Room thermostat, flush-mounted ^{1) 2) 3)} Heating/cooling, sliding switch 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1099 UHKEA	2CKA001032A0516	1/10
--	-------------------	-----------------	------


¹⁾ 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)


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


³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Cover plate for room thermostat For room thermostats 1094 U, 1097 U. Surface painted.</p>	1794-866	2CKA001710A3755	10


 <p>Cover plate for room thermostat 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. Surface painted.</p>	1795-866	2CKA001710A3756	10
---	-----------------	-----------------	----


 <p>Cover plate for room thermostat For room thermostats 1094 UTA, 1097 UTA. Surface painted.</p>	1794 TA-866	2CKA001710A3761	10
--	--------------------	-----------------	----

 <p>Cover plate for room thermostat With sliding switch for nightly room temperature reduction. For room thermostats 1095 UTA, 1096 UTA. Surface painted.</p>	1795 TA-866	2CKA001710A3762	10
--	--------------------	-----------------	----

 <p>Cover plate ¹⁾ 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. Surface painted.</p>	6435-866	2CKA006430A0344	10
--	-----------------	-----------------	----





¹⁾ Surface painted.

 <p>Cover plate for room thermostat For room temperature controller 1099 UHK. Surface painted.</p>	1795 HK-866	2CKA001710A4018	10
--	--------------------	-----------------	----



 <p>Cover plate for room thermostat For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating. Surface painted.</p>	1795 HKEA-866	2CKA001710A4050	10
--	----------------------	-----------------	----

pure stainless steel

LED light



Product	Article-No.	Order-No.	Pack/Qty
	Info light unit ^{1) 2)} Size of information field 43 x 43 mm. Long service life of the lighting element (LEDs). Homogeneous backlighting of the information field. Colour temperature 6,500 K (cold white) Power consumption: < 0.5 W Rated voltage: 230 V~ Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20		
	2062 U	2CKA001511A0115	1/10
¹⁾ Use relay inserts when switching through movement sensors or comfort switches. ²⁾ For switching the LED flush mounted insert use switches without orientation light only.			
	Cover plate ^{1) 2)} As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm. Surface painted. Protection class (Device): IP 20		
	stainless steel 1716-866	2CKA001731A1955	1
¹⁾ Included with the cover are 46 different text labels and symbols. ²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	Cover plate for indication lamp For insert 2061/2661 U. As cover for flush-mounted light signal. Surface painted. Protection class (Device): IP 20		
	stainless steel 1756-866	2CKA001753A0093	10
	Cap for indication lamp For indication lamps. Protection class (Device): IP 20		
	clear-transparent 1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

WaveLINE control elements




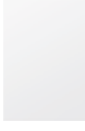

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ^{1) 2) 3)} 1-channel 1gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 1 radio channel can be operated or up to 2 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. For LED display WaveLINE 6730-xxx. 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. Surface painted. 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		
	stainless steel 6731-866-500	2CKA006730A0041	1/10
¹⁾ Battery included in delivery. ²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ³⁾ Surface painted.			
	Wall-mounted transmitter WaveLINE ^{1) 2) 3)} 2-channel 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. For LED display WaveLINE 6730-xxx. 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. Surface painted. 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		
	stainless steel 6732-866-500	2CKA006730A0042	1/10
¹⁾ Battery included in delivery. ²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ³⁾ Surface painted.			

pure stainless steel

WaveLINE control elements






Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ ³⁾ 4-channel 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. For LED display WaveLINE 6730-xxx. 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. Surface painted. 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		
	stainless steel	6733-866-500	2CKA006730A0043 1/10
¹⁾ Battery included in delivery. ²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ³⁾ Surface painted.			
	WaveLINE LED display ¹⁾ ²⁾ ³⁾ For status display of window handle positions: open = red, closed = green, tilted = yellow. Direct onsite operation possible for switching / dimming an electrical device depending on the flush-mounted insert. 4 individual LED display channels. Up to 8 WaveLine transmitters can be taught-in on each LED display channel. Up to 8 WaveLine transmitters can be taught-in on onsite operation. After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state. Status display for depleted WaveLINE transmitter battery. Status display for faulty transmission link and defective WaveLINE transmitter. User-friendly start-up without PC / software. Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x. For WaveLINE 6721-xx universal signalling unit. For Busch-Watchdog 220 WaveLINE 6747 AGM. For Busch-Universal relay switch insert 6404 U. For universal dimmer switch insert 6595 U. Free-field range: approx. 100 m. Send/receive frequency: 868 MHz. Surface painted. Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm		
	stainless steel	6730-866	2CKA006730A0023 1
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Surface-painted ³⁾ Surface painted.			

Accessories

Product	Article-No.	Order-No.	Pack/Qty
	Extension of claws ¹⁾ For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes. Protection class (Device): IP 20		
	2148	2CKA002148A0120	100
¹⁾ Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.			
	Braille symbol self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20		
	light		
	2144 LI	2CKA001714A0295	10/1000
	bell		
	2144 KI	2CKA001714A0296	10/1000
	key		
	2144 TR	2CKA001714A0297	10/1000
	Braille symbol socket outlet self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx Protection class (Device): IP 20		
	2144 ST	2CKA001714A0298	10/1000
	DIN A 4 labelling sheet ¹⁾ plastic foil Suitable for all to be labeled Busch-Jaeger devices. For laser printer. The text of the foil is printed via the Busch-Jaeger labeling service.		
	translucent	1799/02	2CKA001799A0959 1
	transparent	1799/03	2CKA001799A0960 1
¹⁾ 1 piece = 1 sheet.			
	RC suppressor For protection against the damage or destruction of electronic devices due to overvoltages. 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. Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz		
	6899	2CKA006899A0231	10

pure stainless steel

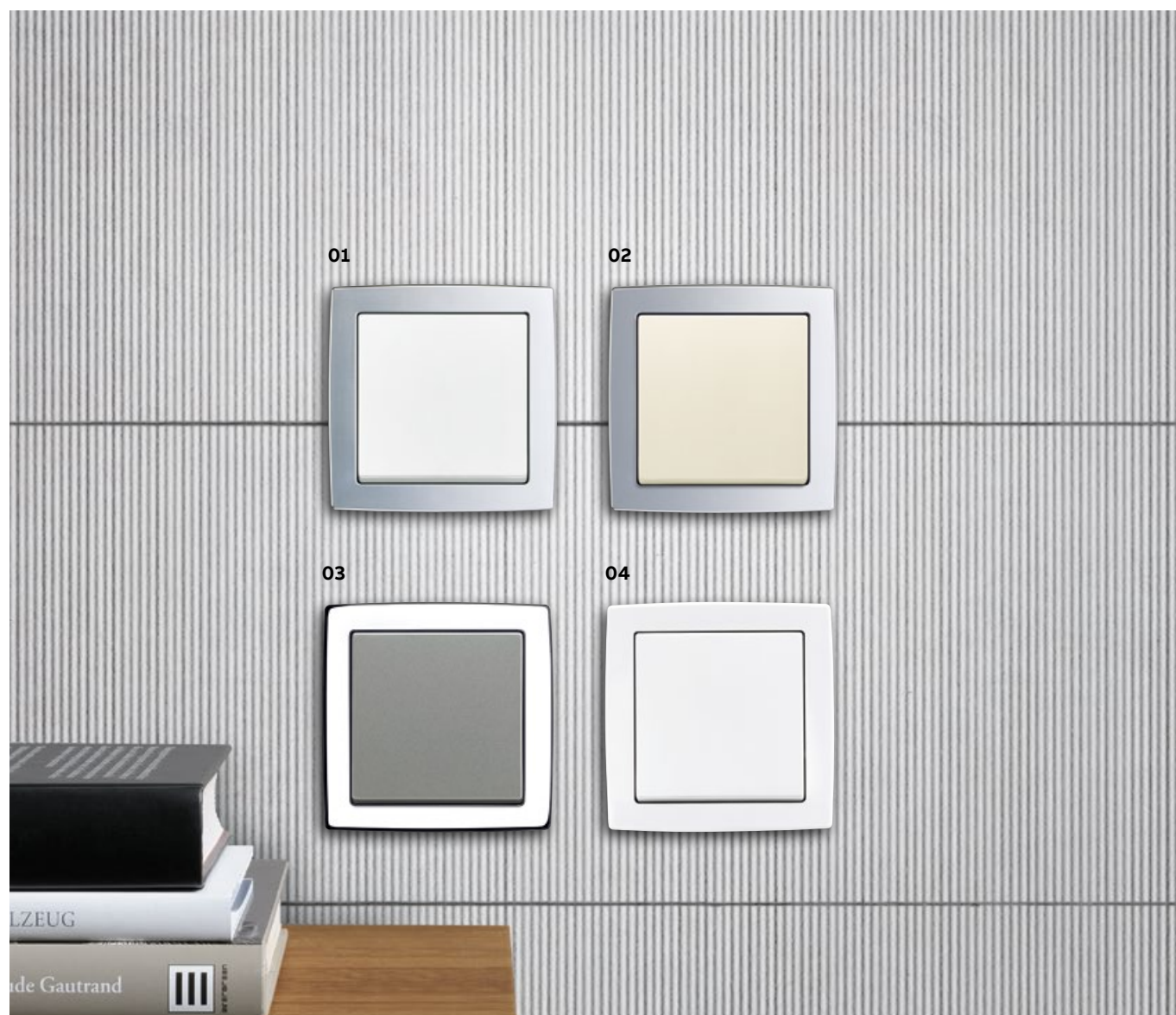
Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame ¹⁾ 1gang frame Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1721-866K-500	2CKA001754A4500 10/100
¹⁾ Suitable for installation in trunking systems with 80 mm conduit.			
	Cover frame ¹⁾ 2gang frame For vertical or horizontal installation. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1722-866K-500	2CKA001754A4501 10/100
¹⁾ Suitable for installation in trunking systems with 80 mm conduit.			
	Cover frame ¹⁾ 3gang frame For vertical or horizontal installation. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1723-866K	2CKA001754A4319 10
¹⁾ Suitable for installation in trunking systems with 80 mm conduit.			
	Cover frame ¹⁾ 4gang frame For vertical or horizontal installation. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1724-866K	2CKA001754A4320 1
¹⁾ Suitable for installation in trunking systems with 80 mm conduit.			
	Cover frame ¹⁾ 5gang frame For vertical or horizontal installation. Material stainless steel. Anti fingerprint. Protection class (Device): IP 20		
	stainless steel	1725-866K	2CKA001754A4321 1
¹⁾ 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.



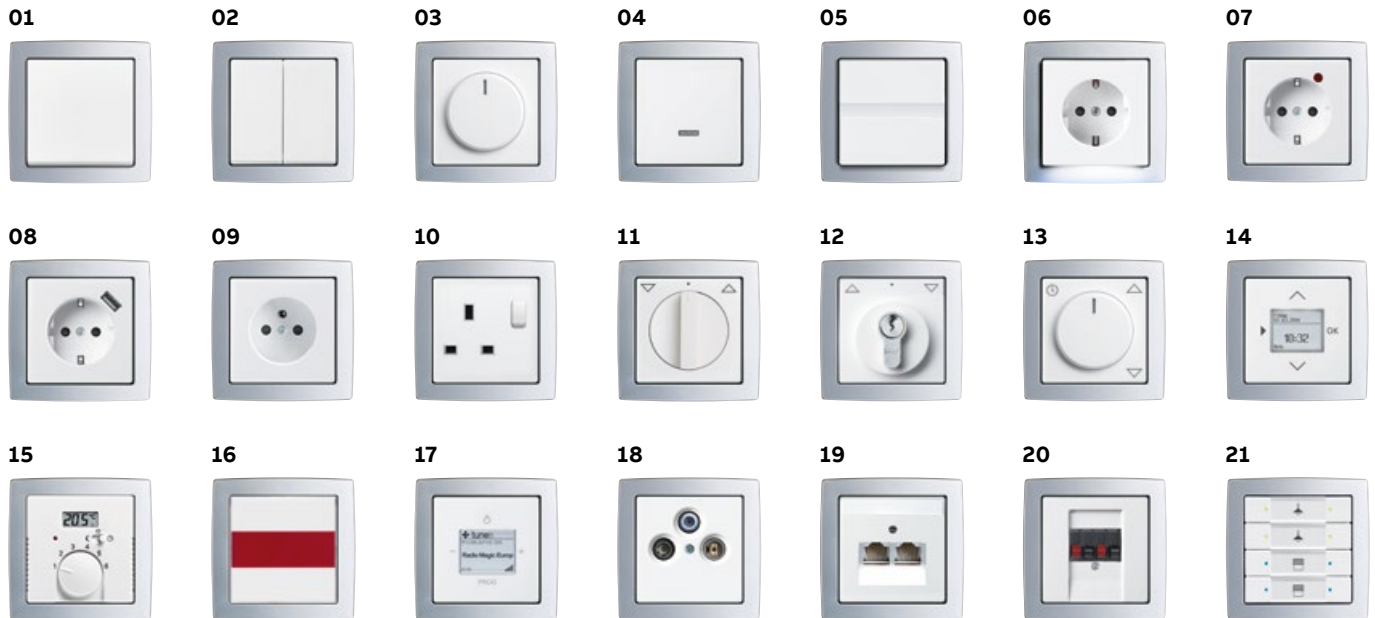
- 01 studio white (similar to RAL 9016) / chrome matt
- 02 ivory (similar to RAL 9013) / chrome matt
- 03 grey metallic / chrome gloss
- 04 studio white (similar to RAL 9016) / studio white

Materials

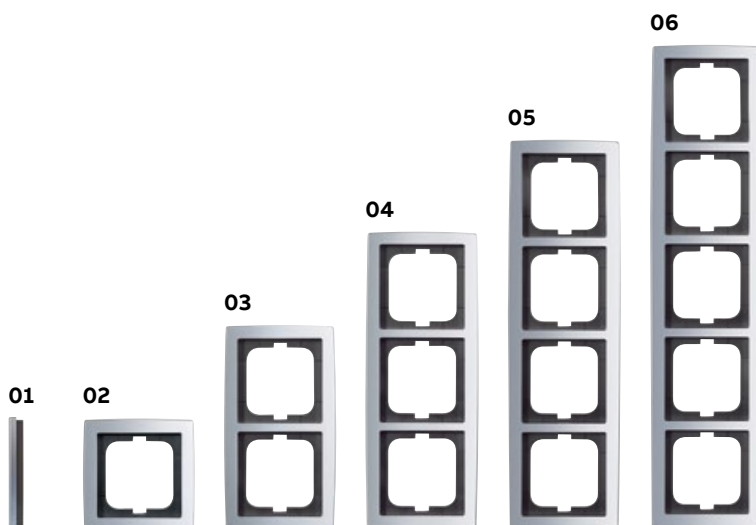
Cover: thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.

solo®

Selected functions.



- | | |
|---|--|
| 01 Rocker switch 1gang | 12 Busch-Blind control switch with semi-cylindrical lock |
| 02 Rocker switch 2gang | 13 Busch-Blind 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-AudioWorld® Busch-Radio iNet |
| 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection | 18 Antenna socket for radio/TV/satellite |
| 08 SCHUKO® USB socket outlet | 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.

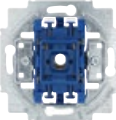
- 01 Side view, 11 mm x 87 mm
- 02 87 mm x 87 mm
- 03 87 mm x 157 mm
- 04 87 mm x 228 mm
- 05 87 mm x 299 mm
- 06 87 mm x 370 mm



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

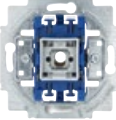
solo®

Rocker switches / push switches


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

¹⁾ 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)


²⁾ With screw-type terminals. Non-illuminable.

 Rocker Switch Mechanism ¹⁾ Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	1gang 2way		
	2400/6 US-500	2CKA001012A2232	10/100
	2gang 1way		
	2400/5 US-500	2CKA001012A2234	10
	1gang		
	2400/7 US-500	2CKA001012A2236	10


¹⁾ 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)

 Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1	2000/6/6US-101-500	2CKA001011A0928	10/100
---	---------------------------	-----------------	--------

¹⁾ 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)


Product	Article-No.	Order-No.	Pack/Qty
 Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	2400/6/6US-101-500	2CKA001022A0663	10

¹⁾ 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)

 Rocker Switch Mechanism ^{1) 2)} DP, 1gang 1way For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	2000/2 US-101-500	2CKA001012A2193	10/100
--	--------------------------	-----------------	--------


¹⁾ 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)

²⁾ Also for switching SCHUKO® socket outlets.

 Rocker Switch Mechanism ^{1) 2)} 3-pole, 1gang 1way switch Rated voltage: 400 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	2000/3 US	2CKA001011A0816	10
--	------------------	-----------------	----


¹⁾ 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)

²⁾ With screw-type terminals. Non-illuminable.

 Rocker Switch Mechanism ¹⁾ With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1	1gang 2way ²⁾		
	2000/6 USGL-500	2CKA001012A2194	10/100
	2gang 1way		
	2000/5 USGL	2CKA001012A1135	10

¹⁾ 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)



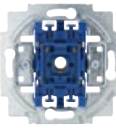


²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.


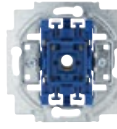



 Rocker Switch Mechanism, control ¹⁾ 2gang 1way with LED, Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1	2400/5 USK-500	2CKA001012A2238	10
--	-----------------------	-----------------	----

¹⁾ 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)

solo®


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mechanism, control 1) 2) 3) With neon lamp. Rated voltage: 250 V~, Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way with N-terminal		
	2000/6 USK-500	2CKA001022A0659	10/100
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10
¹⁾ With 1 mA neon lamp. ²⁾ 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) ³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.			
	Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20IEC 60669-1		
	2400/6 USK-500	2CKA001022A0661	10
	¹⁾ With 1 mA neon lamp. ²⁾ 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) ³⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.		
	Push-switch mechanism 1) SP, with normally open contact (operating current) With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-500	2CKA001413A0574	10/100
	¹⁾ 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)		
	Push-switch mechanism 1) SP, with normally open contact (operating current) With 2 independent signalling contacts. Rated voltage: 250 V~ Inputs: 1, Outputs: 1 Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-201	2CKA001413A0483	10
	¹⁾ 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)		
	Push-switch mechanism 1) 2) 3) SP, with normally open contact (operating current) With illumination. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 USGL-500	2CKA001413A1106	10/100
	¹⁾ 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) ²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts. ³⁾ For relay and touch dimmer applications.		


Product	Article-No.	Order-No.	Pack/Qty
	Push-switch mechanism 1) With one input terminal and 2 actuating covers. Rated voltage: 250 V~ Inputs: 1 Outputs: 2x Normally open contact Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-205-500	2CKA001413A1105	10/100
	¹⁾ 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)		
	Push-switch mechanism 1) SP, 1gang 2way Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current). With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-206-500	2CKA001413A1104	10/100
	¹⁾ 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)		
	Rocker For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20		
	ivory white	1786-82-500	2CKA001751A3083 10/100
	studio white	1786-84-500	2CKA001751A3074 10/100
	grey metallic 1)	1786-803-500	2CKA001751A3093 10/100
¹⁾ Surface painted.			
	Rocker For flush-mounted switch 2g 1w, 2g push switch. Protection class (Device): IP 20		
	ivory white	1785-82	2CKA001751A2744 10/100
	studio white	1785-84-500	2CKA001751A3076 10/100
	grey metallic 1)	1785-803	2CKA001751A3018 10/100
¹⁾ Surface painted.			
	Rocker As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20		
	ivory white	1785 K-82-500	2CKA001751A3124 10
	studio white	1785 K-84-500	2CKA001751A3128 10
	grey metallic 1)	1785 K-803-500	2CKA001751A3130 10
¹⁾ Surface painted.			

solo®


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Rocker with small red spherical cap As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
ivory white	1789-82	2CKA001751A2813	10
studio white	1789-84-500	2CKA001751A3091	10/100
grey metallic ¹⁾	1789-803	2CKA001751A3013	10


¹⁾ Surface painted.

 Rocker with small transparent lens As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
ivory white	1789 N-82	2CKA001751A3148	10/100
studio white	1789 N-84-500	2CKA001751A3151	10/100
grey metallic ¹⁾	1789 N-803	2CKA001751A3146	10/100


¹⁾ Surface painted.

 Switch rocker with marking with small transparent lens With "Plug" icon. As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O" As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
ivory white	1789 ST-82	2CKA001751A3158	10/100
studio white	1789 ST-84-500	2CKA001751A3161	10/100
grey metallic ¹⁾	1789 ST-803	2CKA001751A3156	10/100

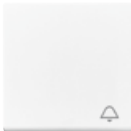
¹⁾ Surface painted.

 Switch rocker with marking With symbol. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20			
ivory white	2520 LI-82	2CKA001751A3187	10/100
studio white	2520 LI-84-500	2CKA001751A3190	10/100
grey metallic ¹⁾	2520 LI-803	2CKA001751A3185	10/100


¹⁾ Surface painted.

 Switch rocker with marking With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
ivory white	2520 TR-82	2CKA001751A3197	10/100
studio white	2520 TR-84	2CKA001751A3199	10/100
grey metallic ¹⁾	2520 TR-803	2CKA001751A3195	10/100


¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Switch rocker with marking With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20			
ivory white	2520 KI-82	2CKA001751A3177	10/100
studio white	2520 KI-84-500	2CKA001751A3180	10/100
grey metallic ¹⁾	2520 KI-803	2CKA001751A3175	10/100


¹⁾ Surface painted.

 Switch rocker with marking with small transparent lens With symbol. As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
ivory white	1789 LI-82	2CKA001751A2745	10
studio white	1789 LI-84-500	2CKA001751A3084	10/100
grey metallic ¹⁾	1789 LI-803	2CKA001751A3014	10


¹⁾ Surface painted.

 Switch rocker with marking with small transparent lens With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
ivory white	1789 TR-82	2CKA001751A2747	10
studio white	1789 TR-84	2CKA001751A2755	10
grey metallic ¹⁾	1789 LI-803	2CKA001751A3014	10

¹⁾ Surface painted.

 Switch rocker with marking with small transparent lens With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20			
ivory white	1789 KI-82	2CKA001751A2746	10
studio white	1789 KI-84	2CKA001751A2754	10
grey metallic ¹⁾	1789 KI-803	2CKA001751A3015	10





¹⁾ Surface painted.

 Rocker ^{1) 2)} with labelling field With bell symbol. With pilot lamp for uniform illumination of the labelling field. For flush-mounted push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20			
ivory white	1764 NLI/KI-82	2CKA001731A3999	10/100
studio white	1764 NLI/KI-84-500	2CKA001731A4002	10/100
grey metallic ³⁾	1764 NLI/KI-803	2CKA001731A3997	10/100






¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.³⁾ Surface painted.

solo®

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Rocker ¹⁾ ²⁾ with labelling field With pilot lamp for uniform illumination of the labelling field. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20			
ivory white	1764 NLI-82	2CKA001731A1876	10
studio white	1764 NLI-84	2CKA001731A1877	10/100
grey metallic ³⁾	1764 NLI/KI-803	2CKA001731A3997	10/100
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts. ³⁾ Surface painted.			
 Switch rocker with marking with small red spherical cap With imprint "0" and "I". 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			
ivory white	1788-82	2CKA001751A2742	10
studio white	1788-84	2CKA001751A2750	10/100
grey metallic ¹⁾	1788-803	2CKA001751A3017	10
¹⁾ Surface painted.			
 Switch rocker with marking with small red spherical cap With marking "Heizung". 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			
ivory white	1789 H-82	2CKA001751A2743	10
studio white	1789 H-84	2CKA001751A2751	10
grey metallic ¹⁾	1789 H-803	2CKA001751A3019	10
¹⁾ Surface painted.			
 Card switch 10 A ¹⁾ SP, with normally open contact (operating current) Illuminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1			
	2025 U	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.		


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate 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. Protection class (Device): IP 20			
ivory white	1792-82	2CKA001710A3640	10
studio white	1792-84	2CKA001710A3641	10
grey metallic ¹⁾	1789 H-803	2CKA001751A3019	10
¹⁾ Surface painted.			
 Switch rocker with marking For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. DO NOT DISTURB Protection class (Device): IP 20			
ivory white	1786/11-82	2CKA001751A2997	10
studio white	1786/11-84	2CKA001751A2998	10
grey metallic ¹⁾	1786/11-803	2CKA001751A3206	10
¹⁾ Surface painted.			
 Switch rocker with marking For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB MAKE UP ROOM Protection class (Device): IP 20			
ivory white	1785/11-82	2CKA001751A2991	10
studio white	1785/11-84	2CKA001751A2992	10
grey metallic ¹⁾	1785/11-803	2CKA001751A3204	10
¹⁾ Surface painted.			
 Bell push-switch DND/MUR with marking "Do not Disturb" and "Make up Room" two separate LED indicators with screw-type terminal Rated voltage: 250 V~ Rated current: 10 ABS EN 60669-1, IEC 60669-1			
ivory	2029 UC-82	2CKA001751A3168	1
studio white	2029 UC-84	2CKA001751A3170	1
grey metallic ¹⁾	2029 UC-803	2CKA001751A3166	1
¹⁾ Surface painted.			
 Pull switch ¹⁾ SP, with normally open contact (operating current) With 2-metre pull cord, red handle, and red neon indicator. Rated voltage: 250 V~ Rated current: 10 A			
	2020/01 US-101	2CKA001413A1112	10


¹⁾ 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)


solo®

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Pull switch ¹⁾ SP, break contact With 2-metre pull cord, red handle, and red neon indicator. Rated voltage: 250 V~ Rated current: 10 A		
	2020/10 US-101	2CKA001413A1111	10


¹⁾ 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)

	Rocker open for red pull switch neon indicator For pull switch 2020/xx US. Protection class (Device): IP 20		
ivory white	1720-82	2CKA001731A1915	10
studio white	1720-84	2CKA001731A1916	10

	Cover plate ¹⁾ for pull switch 2610/6 UC-xx, 2610/6 UJ-xx With screw-type terminal Protection class (Device): IP 20		
ivory white	1796-82	2CKA001753A0309	10
studio white	1796-84	2CKA001753A0311	10
grey metallic ²⁾	1796-803	2CKA001753A0307	10


¹⁾ Exchanging the available cover/cover plate.

²⁾ Surface painted.

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


¹⁾ Install only in conjunction with wall boxes ø 60 mm.

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


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

¹⁾ Install only in conjunction with wall boxes ø 60 mm.

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

	Cover plate with rotary control, with marking As cover for flush mounted three-step rotary switch. Without zero position. For insert 2710 U. Protection class (Device): IP 20		
ivory white	2542 DR/01-82	2CKA001710A3645	10
studio white	2542 DR/01-84	2CKA001710A3646	10
grey metallic ¹⁾	2542 DR/01-803	2CKA001710A4125	10



¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate with rotary control, with marking As cover for flush mounted three-step rotary switch. Without zero position. For insert 2710/1 U. Protection class (Device): IP 20		
ivory white	2542 DR/02-82	2CKA001710A3650	10
studio white	2542 DR/02-84	2CKA001710A3651	10
grey metallic ¹⁾	2542 DR/02-803	2CKA001710A4126	10


¹⁾ Surface painted.

solo®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later). Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.		
	6716 U-500	2CKA006710A0014	1
	Rocker For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.		
ivory white	6736 FoH-82	2CKA006730A0134	1
studio white	6736 FoH-84	2CKA006730A0136	1
grey metallic ¹⁾	6736 FoH-803	2CKA006730A0137	1


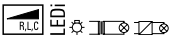
¹⁾Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ^{1) 2) 3) 4) 5) 6) 7)} 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 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		
	6523 U-102-500	2CKA006512A0335	1/10



¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.²⁾ In the case of conventional transformers, take ~20% transformer loss into account.³⁾ In case of electronic transformers, 5 % transformer losses.⁴⁾ Also applicable for 1gang 2way installations.⁵⁾ Provided with terminal for net disconnection devices.⁶⁾ 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)⁷⁾ Recommendation: Please use loads and types of one producer.

solo®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-rotary dimmer ^{1) 2) 3) 4) 5) 7)} UP, LED, 2-400 W 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</p> 	6523 UR-103-500	2CKA006512A0345	1/10

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2) 3) 4) 5) 6)} Flush-mounted, LED, 2-100 W Touch dimmer. 2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds with the trailing edge control mode. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1, British Standard EN 60669-2-1</p> 	6526 U-500	2CKA006512A0323	1/10



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ 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)
⁵⁾ Recommendation: Please use loads and types of one producer.
⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).

 <p>Busch-rotary dimmer ^{1) 2) 3) 4)} flush mounted, R, 60-600 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 600 W IEC 60669-2-1, British Standard EN 60669-2-1</p> 	2250 U-500	2CKA006515A0848	1/10
--	-------------------	-----------------	------



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ Also applicable for 1gang 2way installations.
³⁾ 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)
⁴⁾ Provided with terminal for net disconnection devices.

solo®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RL, 20-500 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. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	2247 U-500	2CKA006512A0302	1/10



¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.²⁾ In the case of conventional transformers, take ~20% transformer loss into account.³⁾ Provided with terminal for net disconnection devices.⁴⁾ Also applicable for 1gang 2way installations.⁵⁾ 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)

 Busch-rotary dimmer ^{1) 2) 3) 4) 5) 6)} 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
---	-------------------	-----------------	------

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.²⁾ In the case of conventional transformers, take ~20% transformer loss into account.³⁾ Provided with terminal for net disconnection devices.⁴⁾ Also applicable for 1gang 2way installations.⁵⁾ 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)⁶⁾ Should be mounted in a separate wallbox.

Product	Article-No.	Order-No.	Pack/Qty
 Busch-2gang switch/rotary dimmer ^{1) 2) 3)} flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6517 U-101-500	2CKA006517A0018	1/10



¹⁾ 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)²⁾ In the case of conventional transformers, take ~20% transformer loss into account.³⁾ Can be used to replace a 2gang 1way switch.

 Busch-rotary dimmer ^{1) 2) 3) 4) 5) 6)} flush mounted, RC, 40-420 W With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 40 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6513 U-102-500	2CKA006513A0586	1/10
---	-----------------------	-----------------	------



¹⁾ Not suitable with conventional transformers.²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.³⁾ In case of electronic transformers, 5 % transformer losses.⁴⁾ Provided with terminal for net disconnection devices.⁵⁾ Also applicable for 1gang 2way installations.⁶⁾ 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)

solo®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RC, 40-420 W DP switched With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. DP cut off (P,N) Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6514 U-500	2CKA006514A0115	1



¹⁾ Not suitable with conventional transformers.²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.³⁾ In case of electronic transformers, 5 % transformer losses.⁴⁾ Provided with terminal for net disconnection devices.⁵⁾ Also applicable for 1gang 2way installations.⁶⁾ 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)

 Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RLC, 60-420 W with soft-catch With intelligence for universal operation. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6591 U-101-500	2CKA006513A0588	1/10
---	-----------------------	-----------------	------

¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.²⁾ In case of electronic transformers, 5 % transformer losses.³⁾ In the case of conventional transformers, take ~20% transformer loss into account.⁴⁾ 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)⁵⁾ Cannot be combined with a 2way switch.

 Busch-rotary dimmer, extension ^{1) 2)} flush mounted for connection to 6591 U-101, To be used with Busch-Dimmer®, MDRC 6583. with soft-catch A maximum of 5 multi-way extensions can be connected to a 6591U-101, Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz 	6592 U-500	2CKA006513A0590	1
--	-------------------	-----------------	---

¹⁾ Control elements 2115-xxx and 6540-xxx.²⁾ Required for illuminating the N-connection control element.

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ^{1) 2) 3) 4)} 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


¹⁾ Non-illuminable.²⁾ Use cover plates 2115 J-.../2115-.../6540-...³⁾ 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)⁴⁾ Making-current limiters have to be provided in case of too high making currents.

 Busch-rotary dimmer ¹⁾ 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 proof. 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 ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C	2116 U	2CKA006599A3025	1
--	---------------	-----------------	---


¹⁾ 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)

solo®


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ Flush-mounted, DALI, with internal power supply, tunable white 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116/11 U	2CKA006599A3026	1

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ flush mounted, DALI 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. 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. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117 U-500	2CKA006599A2987	1





¹⁾ 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)

	Busch-rotary dimmer ¹⁾ flush mounted, DALI, with internal power supply 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. 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117/11 U-500	2CKA006599A2988	1





¹⁾ 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)

solo®





Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2)} flush mounted, RL, 25-500 W With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Parallel operation of several transformers and/or incandescents lamps possible. Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>  </p>	6560 U-101-500	2CKA006560A1207	1/10





¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.²⁾ 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)

 <p>Busch touch-dimmer range ^{1) 2) 3) 4)} flush mounted, RC, 45-315 W For switching and dimming 2 independent devices. With trailing edge control. 2gang 1way For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Compatible with control covers 6545-xxx. Without cover, without cover plate. Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>  </p>	6565 U-500	2CKA006565A0057	1/10
--	-------------------	-----------------	------

¹⁾ Not suitable with conventional transformers.²⁾ In case of electronic transformers, 5 % transformer losses.³⁾ 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)⁴⁾ Does not provide an extension input.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2) 3) 4)} flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>  </p>	6593 U-500	2CKA006590A0171	1/10



¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.²⁾ In case of electronic transformers, 5 % transformer losses.³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.⁴⁾ 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)

 <p>Busch-Dimmer®, capacity booster ¹⁾ flush mounted, RLC, 200-315 W The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101 For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 200 - 315 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p>  </p>	6594 U-500	2CKA006590A0172	1
--	-------------------	-----------------	---


¹⁾ 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)

solo®


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ¹⁾ ²⁾ ³⁾ flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). For LED control via control gears Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 		
	6550 U-101-500	2CKA006550A0042	1



¹⁾ Non-illuminable.²⁾ 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)³⁾ with integrated making-current limiter

	Cover plate ¹⁾ 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.		
	ivory white	6540-82-102	2CKA006599A2951 10/100
	studio white	6540-84-102-500	2CKA006599A3009 10/100
	grey metallic ²⁾	6540-803-102	2CKA006599A2980 10

¹⁾ Replacement neon lamp, Art. No. 3855.²⁾ Surface painted.













	Control element ¹⁾ ²⁾ ³⁾ 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.		
	ivory white	6543-82-101	2CKA006599A2831 1/10
	studio white	6543-84-101-500	2CKA006599A3010 1/10
	grey metallic ⁴⁾	6543-803-101	2CKA006599A2942 1/10








¹⁾ Compatible with previous type 6543-xxx.²⁾ Touch-type Controller 6550 U-xxx non-illuminable.³⁾ Replacement neon lamp 3857.⁴⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Control element ¹⁾ with neon lamp Combinable with Busch-Memory 2gang dimmer 6565 U.		
	ivory white	6545-82	2CKA006599A2907 1/10
	studio white	6545-84	2CKA006599A2908 1/10
	grey metallic ²⁾	6545-803	2CKA006599A2943 1/10
¹⁾ Replacement neon lamp 3857. ²⁾ Surface painted.			
	Cover plate for cooling element For Busch-Universal master dimmer power module 6594 U. For room temperature controller object range 6108/0x and base for blind cover 6930/01.		
	ivory white	6541-82	2CKA006599A2832 10
	studio white	6541-84	2CKA006599A2835 10
	grey metallic ¹⁾	6541-803	2CKA006599A2940 10
¹⁾ Surface painted.			

solo®

Movement detectors / comfort switches


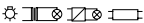

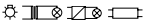
Product	Article-No.	Order-No.	Pack/Qty
	<p>Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 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 °C60669-2-1</p> <div></div>		
	6401 U-102-500	2CKA006401A0049	1/10
	<p>Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-to-101. For Busch-Presence detector sensors 6813- to -102. Combinable with Universal slave insert 6440/05 U. 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). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps that are operated via transformers. Rated power: 2300 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm60669-2-1</p> <div></div>		
	6440/01 U-500	2CKA006400A0085	1


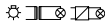

Product	Article-No.	Order-No.	Pack/Qty
	Universal e-contact insert ¹⁾ ²⁾ 2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-to-101. For Busch-Presence detector sensors 6813- to -102. Combinable with Universal slave insert 6440/05 U. 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). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 20 - 180 W Suitable for: Low voltage halogen lamps that are operated via transformers. Rated power: 20 - 180 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm60669-2-1		
    	6440/04 U-500	2CKA006400A0088	1
¹⁾ Use only dimmable high-voltage LEDs. ²⁾ Neutral conductor optionally connectable (recommended for the connection of low loads).			
	Universal slave insert 3 wire connection (neutral conductor required). For the extension of the Busch-Comfort switch or presence detector installations. For communication with Universal relay insert 6440/01 U. For communication with Universal e-contact insert 6440/04 U. For Busch-Comfort switch control element 6815-to-101. For Busch-Presence detector sensors 6813- to -102. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1

¹⁾ Use only dimmable high-voltage LEDs.²⁾ Neutral conductor optionally connectable (recommended for the connection of low loads).

solo®


Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x 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): 0 °C to 35 °C British Standard EN 60669-2-1 		
	6402 U-500	2CKA006401A0051	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.		
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.		
	Busch-Watchdog relay mechanism 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V, +10 % / -10 % Rated frequency: 50 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 power: 700 W/VA Temperature range (Device): 0 °C to 55 °C British Standard EN 60669-2-1 		
	6812 U-101-500	2CKA006800A2160	1/10


Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog MOS-Fet Insert ^{1) 2) 3) 4) 5) 6)} 2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA Temperature range (Device): 0 °C to 35 °C British Standard EN 60669-2-1 		
	6804 U-101-500	2CKA006800A2219	1/10
¹⁾ In case of electronic transformers, 5 % transformer losses. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps. ⁴⁾ Not suitable for activating the staircase time delay. ⁵⁾ Cannot be used to control relais. ⁶⁾ Requires an NIS international socket, E-No. 372507676.			
	Busch-Watchdog extension insert ¹⁾ 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): 0 °C to 35 °C		
	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
¹⁾ Not combinable with relay switch insert 6812 U-101.			

solo®


Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ with select-lens For automatic switching of devices dependent on motion and brightness. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 18 sectors with 72 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 12 m, lateral: 8 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C</p>	ivory white	6800-82-104	2CKA006800A2099 1/10
	studio white	6800-84-104	2CKA006800A2101 1/10
	grey metallic ²⁾	6800-803-104	2CKA006800A2484 1

¹⁾ Please order the respective flush-mounted insert separately.²⁾ Surface painted.

 <p>Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ ²⁾ with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C</p>	ivory white	6800-82-104M	2CKA006800A2100 1
	studio white	6800-84-104M	2CKA006800A2102 1/10
	grey metallic ³⁾	6800-803-104M	2CKA006800A2485 1

¹⁾ Installation: slide switch top.²⁾ Please order the respective flush-mounted insert separately.³⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Cover plate Proximity switch For proximity switch 6406 U.</p>	ivory white	6476-82	2CKA006470A0003 10
	studio white	6476-84	2CKA006470A0004 10
	grey metallic ¹⁾	6476-803	2CKA006470A0006 10

¹⁾ Surface painted.


 <p>Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1</p>			




6440/01 U-500	2CKA006400A0085	1
----------------------	-----------------	---

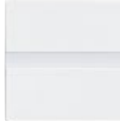
solo®

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Universal e-contact insert ¹⁾ 2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 20 - 180 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 20 - 180 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/04 U-500	2CKA006400A0088	1

¹⁾ Only use dimmable high voltage LEDs.


	Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Comfort switch control element ^{1) 2)} with neon lamp Movement detector/push-button switch combination. Push switch function possible at all times. For switching lighting systems that depend on brightness and movement. Extension of the detection range by means of master/slave combination. Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semi-automatic, manual switch-on, automatic (time and motion-controlled) switch-off. Adjustable operating mode: automatic switch-on, manual switch-off. With continuous light/continuous off function. Adjustment elements on the rear. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED for status display. Detection range: frontal: 5 m, lateral: 3 m, Mounting height: 1.1 m Detection angle: 170 ° Brightness limit value: 0.5 Lux - 500 Lux , Daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm DIN EN 60669-2-1		
	ivory white	6815-82-101-500	2CKA006800A2830
	studio white	6815-84-101-500	2CKA006800A2834
	grey metallic ³⁾	6815-803-101-500	2CKA006800A2836

¹⁾ Please order the respective flush-mounted insert separately.²⁾ The range specifications refer to an ambient temperature of 21 °C.³⁾ Surface painted.

solo®

Blind control / timers


Product	Article-No.	Order-No.	Pack/Qty
 Key Switch Insert ¹⁾ ²⁾ ³⁾ breaking circuit, 1-pole For profile semi-cylindrical lock. In switched-on and switched-off status the key can be pulled out in the central position, respectively. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1	2733 USL-101	2CKA001101A0914	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.

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


²⁾ Use the cylindrical lock according to the enclosed drawing.

³⁾ See profile semi-cylindrical lock.

 Blind switch insert ¹⁾ ²⁾ With interlock. Rated voltage: 250 V~ Rated current: 10 AX IEC60669-1, British Standard EN 60669-1	SP, switch		
	2000/4 US-500	2CKA001012A2197	10/100
	SP, push switch.		
	2020/4 US-500	2CKA001413A1103	10/100

¹⁾ 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)

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

 Blind switch insert ¹⁾ ²⁾ With rotary knob/switch and push switch. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1	DP ³⁾		
	2712 U	2CKA001101A0534	10
	SP, N, E		
	2713 U	2CKA001101A0542	10

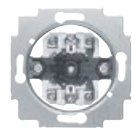
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.
------------------------	--

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.

¹⁾ 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)

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


³⁾ Also suitable for controlling direct voltage drives.

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

¹⁾ 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)

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

³⁾ Also suitable for controlling direct voltage drives.

 Blind switch/push-switch ¹⁾ ²⁾ ³⁾ ⁴⁾ For profile semi-cylindrical lock/switch and push-switch. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1	DP ³⁾		
	2712 USL-101	2CKA001101A0872	10
	SP, N, E		
	2713 USL-101	2CKA001101A0880	10


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

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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

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

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

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




³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

solo®




Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
 <p>DIN profile-semi cylindrical lock Acc. to German Standard DIN 18252. Total length 40 mm for blind switches and push switches For inserts 2712/2713/2722/2723/2733 USL-101 and 2712/2733 SLW-5x. Protection class (Device): IP 20</p> <p>different lock mechanism, with 3 keys</p> <p>0520 PZ-VS 2CKA000470A0013 1/100</p> <p>lock mechanism, with 3 keys</p> <p>0521 PZ-GS 2CKA000470A0021 1/100</p>			
 <p>Comfort blind insert ¹⁾ ²⁾ ³⁾ with memory and positioning function For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob. Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off. Suitable for operation without neutral conductor. Without an extension input. Power reserve of 45 minutes (maintenance-free as capacitor). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 1.3 A, cos φ 0.5 Rated power: 300 VA</p> <p>Temperature range (Device): 0 °C to 35 °C</p> <p>6419 U 2CKA006410A0390 1/10</p>			
 <p>Basic blind insert ¹⁾ ²⁾ 2-wire blind insert 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 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA</p> <p>Temperature range (Device): 0 °C to 35 °C</p> <p>6418 U-500 2CKA006410A0376 1/10</p>			
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.		

¹⁾ Pertinent cover plates 6436-xx.

²⁾ 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.





³⁾ Only suitable for single unit control.




Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Blind control II switch insert ¹⁾ 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, louver, 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. Running time: 3 min Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA</p> <p>Control/Signal outputs: 2 Temperature range (Device): 0 °C to 35 °C</p> <p>6411 U-500-101 2CKA006410A0378 1/10</p>			
 <p>Brightness sensor For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.</p> <p>6414-101 2CKA006410A0389 1/10</p>			
 <p>Sun sensor For insert 6411U/S-101. Measuring range: 5-50,000 lux.</p> <p>6482 2CKA006410A0203 1</p>			

¹⁾ Compatible with types 6411 U/x.

solo®

Blind control / timers



Product	Article-No.	Order-No.	Pack/Qty
<div></div> <div>Busch-Short-time timer insert ¹⁾ 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 °CIEC 60669-2-1, British Standard EN 60669-2-1</div>			
	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		
¹⁾ 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)			
<div></div>	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	1785 JA-82	2CKA001751A2748	10
studio white	1785 JA-84-500	2CKA001751A3088	10/100
grey metallic ¹⁾	1785 JA-803	2CKA001751A3020	10
¹⁾ Surface painted.			
<div></div>	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	1740-82	2CKA001710A3154	10
studio white	1740-84	2CKA001710A3172	10/100
grey metallic ¹⁾	1740-803	2CKA001710A3840	10
¹⁾ Surface painted.			
<div></div>	Cover plate ¹⁾ 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	1755 SL/PZ-82-101	2CKA001710A3157	10
studio white	1755 SL/PZ-84-101	2CKA001710A3175	10
grey metallic ²⁾	1755 SL/PZ-803-101	2CKA001710A3841	10

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 6430-82-102 2CKA006430A0327 1/10 studio white 6430-84-102-500 2CKA006430A0400 1/10 grey metallic ¹⁾ 6430-803-102 2CKA006430A0350 1/10			
¹⁾ Surface painted.			
 Cover plate ¹⁾ with rotary knob For comfort blinds insert 6419 U. ivory white 6436-82 2CKA006430A0356 10 studio white 6436-84 2CKA006430A0358 10 grey metallic ²⁾ 6436-803 2CKA006430A0360 10			
¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp. ²⁾ Surface painted.			
 Standard timer control element ¹⁾ 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			




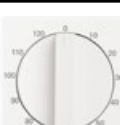
¹⁾ See respective cover plates 6435-xx.

solo®

Blind control / timers


Product	Article-No.	Order-No.	Pack/Qty
	Comfort timer control element 1) 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		
	6455-101-500	2CKA006410A0399	1/10
¹⁾ See respective cover plates 6435-xx.			
	Time switch mechanism 16 A 1) 2) DP, break contact for staircases, exterior lighting, fans, etc. Running time: 15 min For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos φ 0.25 Protection class (Device): IP 20		
	1070 U	2CKA001043A0025	1/10

¹⁾ For screw-fixing only²⁾ 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)


Product	Article-No.	Order-No.	Pack/Qty
	Time switch mechanism 16 A 1) 2) DP, break contact for staircases, exterior lighting, fans, etc. Running time: 120 min For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos φ 0.25 Protection class (Device): IP 20		
	1071 U	2CKA001043A0124	1
¹⁾ For screw-fixing only ²⁾ 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)			
	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. For Busch-CO2 sensor 1091 U-500.		
	ivory white	6435-82	2CKA006430A0304 10
	studio white	6435-84	2CKA006430A0306 10
	grey metallic ¹⁾	6435-803	2CKA006430A0351 10
¹⁾ Surface painted.			
	Cover plate with rotary knob, with marking For Busch-Timer insert 1070 U. Running time: 15 min Protection class (Device): IP 20		
	ivory white	1770-82-103	2CKA001753A0256 10
	studio white	1770-84-103	2CKA001753A0258 10
	grey metallic ¹⁾	1770-803-103	2CKA001753A0254 10
¹⁾ Surface painted.			
	Cover plate with rotary knob, with marking For Busch-Timer insert 1071 U. Running time: 120 min Protection class (Device): IP 20		
	ivory white	1771-82-103	2CKA001753A0266 10
	studio white	1771-84-103	2CKA001753A0301 10
	grey metallic ¹⁾	1771-803-103	2CKA001753A0264 10
¹⁾ Surface painted.			

solo®


Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet with screwless terminals DP (2 P + E) Rated voltage: 250 V~ Supply voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUC-82-500	2CKA002011A6214 10/100
	studio white	20 EUC-84-500	2CKA002011A6207 10/100
	grey metallic ¹⁾	20 EUC-803-500	2CKA002011A6216 10/100


¹⁾ Surface painted.

	SCHUKO® socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUCKS-82-500	2CKA002013A5376 10/100
	studio white	20 EUCKS-84-500	2CKA002013A5372 10/100
	grey metallic ²⁾	20 EUCKS-803	2CKA002013A5297 10/100


¹⁾ Increased shock protection.²⁾ Surface painted.

	SCHUKO® socket outlet without claw ¹⁾ shuttered Without claws. With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUCRB-82	2CKA002013A5438 10/100
	studio white	20 EUCRB-84-500	2CKA002013A5441 10/100
	grey metallic ²⁾	20 EUCRB-803	2CKA002013A5436 10/100


¹⁾ Increased shock protection.²⁾ Surface painted.

	SCHUKO® socket outlet ¹⁾ ²⁾ shuttered With screw-type terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	2300 EUCB-82	2CKA002013A5449 10/100
	studio white	2300 EUCB-84	2CKA002013A5451 10/100
	grey metallic ³⁾	2300 EUCB-803	2CKA002013A5447 10/100


¹⁾ Increased shock protection.²⁾ With screw-type terminals³⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® USB socket outlet ¹⁾ ²⁾ ³⁾ shuttered With screwless terminals. DP (2 P + E) For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: SCHUKO® socket outlet Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm		
	ivory white	20 EUCBUSB-82-500	2CKA002011A6177 1
	studio white	20 EUCBUSB-84-500	2CKA002011A6179 1/10
	grey metallic ⁴⁾	20 EUCBUSB-803-500	2CKA002011A6180 1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.²⁾ No data transfer.³⁾ Use dust cover 2098 when cleaning the device.⁴⁾ Surface painted.

	Busch-Socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) With eject mechanism. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUCBDR-82	2CKA002013A5416 10
	studio white	20 EUCBDR-84	2CKA002013A5418 10
	grey metallic ²⁾	20 EUCBDR-803	2CKA002013A5414 10


¹⁾ Increased shock protection.²⁾ Surface painted.

	SCHUKO® socket outlet steplight® ¹⁾ ²⁾ shuttered With night orientation light with separate connection cables for switch contact. with LED, Shuttered. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUCBLI-82	2CKA002013A5292 1
	studio white	20 EUCBLI-84	2CKA002013A5294 1
	grey metallic ³⁾	20 EUCBLI-803	2CKA002013A5458 1


¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.²⁾ Resistant to aggressive media, e.g. ammonia, benzene, oils, greases, alcohol, cleansing agents, in normal concentrations.³⁾ Surface painted.

solo®


Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
 SCHUKO® socket outlet ¹⁾ with labelling field DP (2 P + E) Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20			
ivory white	20 EUN-82	2CKA002011A3726	10
studio white	20 EUN-84-500	2CKA002011A6209	10/100
grey metallic ²⁾	20 EUN-803	2CKA002011A3876	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Surface painted.

 SCHUKO® socket outlet ¹⁾ ²⁾ with label field, increased shock protection Size of labelling field: 60 x 9 mm. With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20			
ivory white	20 EUCNB-82	2CKA002013A5428	10
studio white	20 EUCNB-84-500	2CKA002013A5431	10/100
grey metallic ³⁾	20 EUCNB-803	2CKA002013A5426	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Increased shock protection.³⁾ Surface painted.

 SCHUKO® socket outlet ¹⁾ with marking "EDV" With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20			
ivory white	20 EUCKS/DV-82	2CKA002013A5267	10
studio white	20 EUCKS/DV-84	2CKA002013A5268	10
grey metallic ²⁾	20 EUCKS/DV-803	2CKA002013A5462	10/100


¹⁾ Increased shock protection.²⁾ Surface painted.


 Busch-Protector® SCHUKO® socket outlet ¹⁾ with overvoltage protection DP (2 P + E) With integrated and external signalling contact. 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. Arrestor test class: classification Type 2 Rated voltage: 250 V~, Secondary: 250 V~ Rated current: 16 A Protection class (Device): IP 20			
ivory white	2310 EUGL/VA-82-11	2CKA002011A3831	1
studio white	2310 EUGL/VA-84-11	2CKA002011A3833	1
grey metallic ²⁾	2310 EUGL/VA-803-11	2CKA002011A3877	1
red RAL 3020	2310 EUGL/VA-12-82-101	2CKA002011A6257	1/10

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.²⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 SCHUKO® socket outlet with LED control light Shuttered. DP (2 P + E) With transparent lens. LED colour green. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20			
ivory white	20 EUCBL-82	2CKA002013A5284	10
studio white	20 EUCBL-84	2CKA002013A5286	10
grey metallic ¹⁾	20 EUCBL-803	2CKA002013A5456	10

¹⁾ Surface painted.

 SCHUKO® socket outlet with marking With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20			
Green, RAL 6032	20 EUC-13-82-101	2CKA002011A6260	10
orange RAL 2004	20 EUC-14-82	2CKA002011A3723	10

 Busch-Object socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Incl. Cover plate with extract mechanism. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20			
ivory white	20 EUAB-82	2CKA002013A5405	10
studio white	20 EUAB-84	2CKA002013A5407	10
grey metallic ²⁾	20 EUAB-803	2CKA002013A5403	10


¹⁾ Increased shock protection.²⁾ Surface painted.

 FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) ¹⁾ ²⁾ ³⁾ with earth leakage circuit breaker Shuttered. DP cut off (P,N) Without PE monitoring. With connecting conductor and protection of downstream socket outlets. Rated fault current: 30 mA. With fixing claws. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 20 Temperature range (Device): -25 °C to 40 °C			
ivory white	3120 EUCB-82	2CKA003116A0661	1
studio white	3120 EUCB-84	2CKA003116A0662	1
grey metallic ⁴⁾	3120 EUCB-803	2CKA003116A0666	1/10

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


solo®

Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	Buschmat® FI - Insert 1) with earth leakage breaker with connecting conductor Protection of downstream consumers. Rated fault current: 30 mA. DP cut off (P,N) With fixing claws. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 20 Temperature range (Device): -25 °C to 40 °C		
	ivory white	3151 UC-82	2CKA003117A0005 1/10
	studio white	3151 UC-84	2CKA003117A0006 1/10
	grey metallic 2)	3151 UC-803	2CKA003117A0008 1/10

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

²⁾ Surface painted.

	SCHUKO® socket outlet with hinged lid With screwless terminals. DP (2 P + E) Hinged lid notches when opened. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUK-82	2CKA002018A1465 10
	studio white	20 EUK-84-500	2CKA002018A1509 10/100
	grey metallic 1)	20 EUK-803	2CKA002018A1493 10


¹⁾ Surface painted.

	SCHUKO® socket outlet 1) with hinged lid and internal increased shock protection Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUKB-82	2CKA002018A1518 10/100
	studio white	20 EUKB-84	2CKA002018A1520 10/100
	grey metallic 2)	20 EUKB-803	2CKA002018A1516 10/100
	ivory 3)	20 EUKBR-82	2CKA002018A1527 10/100
	studio white 3)	20 EUKBR-84	2CKA002018A1529 10/100
	grey metallic 2) 3)	20 EUKBR-803	2CKA002018A1525 10/100

¹⁾ Increased shock protection .

²⁾ Surface painted.

³⁾ Without claw.


Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet 1) 2) 3) with hinged lid and labelling field Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUKNB-82	2CKA002018A1538 10/100
	studio white	20 EUKNB-84	2CKA002018A1540 10/100
	grey metallic 4)	20 EUKNB-803	2CKA002018A1536 10/100

¹⁾ Increased shock protection .

²⁾ The labels are clamped under the labelling field.


³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

⁴⁾ Surface painted.

	SCHUKO® socket outlet 1) with hinged lid and lock Shuttered. With screwless terminals. DP (2 P + E) With different lock mechanism. Delivery includes 2 keys. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUKNBSL-82	2CKA002018A1559 10
	studio white	20 EUKNBSL-84	2CKA002018A1563 10
	grey metallic 2)	20 EUKNBSL-803	2CKA002018A1555 10


¹⁾ Increased shock protection .

²⁾ Surface painted.

	SCHUKO® socket outlet 1) with hinged lid and lock Shuttered. With screwless terminals. DP (2 P + E) With evenly engaging lock. Delivery includes 2 keys. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUKNBSL-82-101	2CKA002018A1560 10
	studio white	20 EUKNBSL-84-101	2CKA002018A1564 10
	grey metallic 2)	20 EUKNBSL-803-101	2CKA002018A1556 10

¹⁾ Increased shock protection .

²⁾ Surface painted.

	SCHUKO® socket outlet 1) 2) 3) with hinged lid, labelling field and LED control light Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20		
	ivory white	20 EUKNBL-82	2CKA002018A1549 10/100
	studio white	20 EUKNBL-84	2CKA002018A1551 10/100
	grey metallic 4)	20 EUKNBL-803	2CKA002018A1547 10/100

¹⁾ Increased shock protection .


²⁾ The labels are clamped under the labelling field.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


⁴⁾ Surface painted.

solo®


Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
 Socket outlet ¹⁾ shuttered Without claws. With screw-type terminals. DP Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~ Rated current: 16 A			
	ivory white	2300 UCRKS-82-503	2CKA002113A0510 10
	studio white	2300 UCRKS-84-503	2CKA002113A0511 10
	grey metallic ²⁾	2300 UCRKS-803-503	2CKA002113A5341 10


¹⁾ Increased shock protection.²⁾ Surface painted.


 Socket outlet ¹⁾ ²⁾ with earthing pin With screwless terminals. Shuttered. DP (2 P + E). For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Suitable for the countries like Poland, Czech Republic. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: Socket outlet connection Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm			
	ivory white	20 MUCBUSB-82-500	2CKA002017A0875 1
	studio white	20 MUCBUSB-84-500	2CKA002017A0876 1
	grey metallic ³⁾	20 MUCBUSB-803-500	2CKA002017A0892 1


¹⁾ No data transfer.²⁾ Use dust cover 2098 when cleaning the device.³⁾ Surface painted.

 Shaver socket outlet For installation into 17A 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 20 VA			
	ivory	2332 UJBS-82	2CKA002130A0290 1
	studio white	2332 UJBS-84	2CKA002130A0292 1
	grey metallic ¹⁾	2332 UJBS-803	2CKA002130A0296 1


¹⁾ Surface painted.

 Flush-mounting wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm			
	3030	2CKA001741A0067	4

Product	Article-No.	Order-No.	Pack/Qty
 Flush-mounting cavity wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm			
	3031	2CKA001741A0068	4


 13 A Switched socket outlet 1gang With screw-type terminals. SP switched Without claws. Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122. Rated voltage: 250 V~ Rated current: 13 ABS 1363: part2			
	ivory	2190 EUC-82	2CKA002190A0213 10/100
	studio white	2190 EUC-84	2CKA002190A0215 10/100
	grey metallic ¹⁾	2190 EUC-803	2CKA002190A0224 10/100

¹⁾ Surface painted.

 2gang European/American socket outlet, 10A 2gang With screw-type terminals. SP switched Without claws. Rated voltage: 250 V~ Rated current: 10 A delivery on request			
	ivory white	2192-02 UC-82-500	delivery on request
	studio white	2192-02 UC-84-500	

 Socket outlet ¹⁾ with earth pin With screwless terminals. Suitable for the countries: Belgium, Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A			
	20 M-500	2CKA002017A0854	10/100


¹⁾ Insert can be used for all covers 2399 UCKS-xx.


 Socket outlet cover frame shuttered For socket outlet insert 20 M-500. Rated voltage: 250 V~			
	ivory	2399 UCKS-82	2CKA002099A0211 10
	studio white	2399 UCKS-84	2CKA002099A0214 10
	grey metallic ¹⁾	2399 UCKS-803	2CKA002099A0253 10

¹⁾ Surface painted.

solo®


Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 Socket outlet with earthing pin With screwless terminals. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20			
ivory white	20 MUC-82-500	2CKA002017A0785	10/100
studio white	20 MUC-84-500	2CKA002017A0786	10/100

 Socket outlet ¹⁾ with earth. pin/increased shock protection With screwless terminals. Shuttered. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20			
ivory white	20 MUCKS-82-500	2CKA002017A0806	10
studio white	20 MUCKS-84-500	2CKA002017A0807	10
grey metallic ²⁾	20 MUCKS-803-500	2CKA002017A0852	10


¹⁾ Socket outlet with integrated child protection. Replaces the usual term "...with child protection".

²⁾ Surface painted.


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

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

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


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

¹⁾ Usage may be restricted in certain countries.


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


solo®

Data communication


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

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

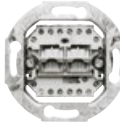
	Reset magnet For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings. Protection class (Device): IP 20		
	8186/11-500	2CKA008100A0361	1

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


¹⁾ Suitable for cover plate 1803-xxx.

	Universal data connection box with down-leading outlet ¹⁾ 2gang internally parallel connected With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0214	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		

¹⁾ Suitable for cover plate 1803-02-xxx.

Product	Article-No.	Order-No.	Pack/Qty
	Universal data connection box with down-leading outlet ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0215	2CKA000230A0243	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		





¹⁾ Suitable for cover plate 1803-02-xxx.





	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang 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 wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20		
	0218/11-101	2CKA000230A0409	1/10

¹⁾ Suitable for cover plate 1803-xxx.

solo®






Data communication





Product	Article-No.	Order-No.	Pack/Qty
 <p>Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 2 x outlets, 8/8-pole 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</p>	0218/12-101	2CKA000230A0411	1/10
¹⁾ Suitable for cover plate 1803-02-xxx.			
 <p>Universal data connection box 8(6)/ telephone unit 6F+N - connection box ¹⁾ 2 x 6-pole 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>	UAE 8(6)TAE 6 F+N	2CKA000230A0381	10/100
¹⁾ Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.			
 <p>Satellite co-axial outlets 2 connectors/dead-end feeder 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>	0230-101	2CKA000230A0250	10/100
 <p>Antenna socket insert Radio/TV 2 connectors/loop through type 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>	0231-101	2CKA000230A0268	10/100

Product	Article-No.	Order-No.	Pack/Qty
 <p>Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder 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>	0232-101-500	2CKA000230A0463	10/100
 <p>Terminating resistor 75 Ohm Protection class (Device): IP 20</p>	0239	2CKA000230A0201	10/100
 <p>Mounting plate ¹⁾ ²⁾ with green insert 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</p>	1810-500	2CKA001753A9974	10/100
¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.			
²⁾ For further information, please refer on the Internet.			
 <p>Mounting plate ¹⁾ ²⁾ with red insert 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</p>	1812-500	2CKA001753A9972	10/100
¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.			
²⁾ For further information, please refer on the Internet.			




Data communication


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


Product	Article-No.	Order-No.	Pack/Qty
	Channel assembly adapter For the accommodation of one or two universal modules 0219. For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	0219/13	2CKA000230A0396	1/10
	Universal module, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang For installation in installation adapter 0219/12 or 0219/13. Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. 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. Cat. 6A 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. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Bend-radius optimised cable feed (30°). Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. 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 For data cables with a diameter of 6 -10 mm. For wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20		
	0219-101	2CKA000230A0413	1/10
¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.			
	Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0210	2CKA000225A0078	10
	Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0211	2CKA000225A0086	10

solo®


Data communication

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


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

 Blank plate with metal mounting plate Protection class (Device): IP 20			
ivory white	1742-82	2CKA001710A3143	10
studio white	1742-84-500	2CKA001710A3991	10/100
grey metallic ¹⁾	1742-803	2CKA001710A3843	10


¹⁾ Surface painted.

 Cover plate ¹⁾ with metal mounting plate As cover for flex outlet, for cords up to 10.3 mm diameter. With strain relief (without terminal block). Protection class (Device): IP 20			
ivory white	1749-82	2CKA001710A3145	10
studio white	1749-84	2CKA001710A3163	10/100
grey metallic ²⁾	1749-803	2CKA001710A3844	10

¹⁾ Cover plate can also be used individually as cover for telephone connector boxes (VDo).²⁾ Surface painted.


 Cover plate ¹⁾ As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK). BTR (universal data connecting unit design and IAE design). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20			
ivory white	1803-82	2CKA001710A3147	10
studio white	1803-84-500	2CKA001710A1550	10/100
grey metallic ²⁾	1803-803	2CKA001710A3852	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ 2gang As cover for universal data connection boxes. 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). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20			


ivory white	1803-02-82	2CKA001710A3146	10
studio white	1803-02-84-500	2CKA001710A1551	10/100
grey metallic ²⁾	1803-02-803	2CKA001710A3853	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Surface painted.

 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. For loudspeaker connection box. USB power adapter insert 6472 U. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20			


ivory white	1766-82	2CKA001710A3144	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
grey metallic ¹⁾	1766-803	2CKA001710A3854	10

¹⁾ Surface painted.

 Cover plate As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Protection class (Device): IP 20			

ivory white	1745-82	2CKA001710A3155	10
studio white	1745-84	2CKA001710A3173	10
grey metallic ¹⁾	1745-803	2CKA001710A3855	10


¹⁾ Surface painted.

 Cover plate ¹⁾ socket outlet Telephone socket (TDO)			
ivory white	1762-82-506	2CKA001710A4104	10/100
studio white	1762-84-506	2CKA001710A4106	10/100
grey metallic ²⁾	1762-803-506	2CKA001710A4102	10/100


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

solo®


Data communication

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ ²⁾ as cover for standard Radio/TV/SAT socket outlets With 2 connectors Acc. to German Standard DIN 45330. Radio/TV/SAT. With M3 fixing screw. Protection class (Device): IP 20			
ivory white	1743-82	2CKA001724A2758	10
studio white	1743-84-500	2CKA001724A4332	10/100
grey metallic ³⁾	1743-803	2CKA001724A4291	10


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

 Cover plate As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann. Protection class (Device): IP 20			
ivory white	1743-04-82	2CKA001724A4375	10
studio white	1743-04-84	2CKA001724A4377	10
grey metallic ¹⁾	1743-04-803	2CKA001724A4373	10


¹⁾ Surface painted.

 Cover plate As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankara. Protection class (Device): IP 20			
ivory white	1743/10-04-82	2CKA001724A4366	10
studio white	1743/10-04-84	2CKA001724A4368	10/100
grey metallic ¹⁾	1743/10-04-803	2CKA001724A4364	10


¹⁾ Surface painted.

 Cover plate ¹⁾ with labelling field For modular jack with slide entrance. To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20			
ivory white	1800-82	2CKA001710A3158	10
studio white	1800-84-500	2CKA001710A3990	10/100
grey metallic ²⁾	1800-803	2CKA001710A3856	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Surface painted.

 Cover plate modular jack, For 1 modular jack. Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws. Protection class (Device): IP 20			
ivory white	2561-82	2CKA001753A0401	10
studio white	2561-84	2CKA001753A0403	10
grey metallic ¹⁾	2561-803	2CKA001753A0399	10


¹⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate modular jack, For 2 modular jack inserts. Suitable for Art. No. 0210 and 0211. Without claws. Protection class (Device): IP 20			
ivory white	2561-02-82	2CKA001753A0392	10
studio white	2561-02-84	2CKA001753A0394	10
grey metallic ¹⁾	2561-02-803	2CKA001753A0316	10

¹⁾ Surface painted.


 Cover plate For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20			
ivory white	1746/10-82	2CKA001710A3521	10
studio white	1746/10-84-500	2CKA001710A3993	10/100
grey metallic ¹⁾	1746/10-803	2CKA001710A3857	10

¹⁾ Surface painted.

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

 Intermediate ring Busch-balance® SI For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate. Protection class (Device): IP 20			
ivory white	1747 BSI-82	2CKA001710A4094	10
studio white	1747 BSI-84	2CKA001710A4096	10/100
grey metallic ¹⁾	1747 BSI-803	2CKA001710A4092	10


¹⁾ Surface painted.

 Cover plate with hinged lid For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20			
ivory white	1746-82	2CKA001710A3149	10
studio white	1746-84	2CKA001710A3167	10
grey metallic ¹⁾	1746-803	2CKA001710A3858	10


¹⁾ Surface painted.

solo®


Data communication

Product	Article-No.	Order-No.	Pack/Qty
 Intermediate ring with hinged lid ¹⁾ Busch-balance® SI For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate. With sealing ring. With hinged lid. Protection class (Device): IP 44			
ivory white	2518-WD-82	2CKA001719A0218	10
studio white	2518-WD-84	2CKA001719A0220	10
grey metallic ²⁾	2518-WD-803	2CKA001719A0216	10


¹⁾ Combinable only with covers for flush-mounted inserts²⁾ Surface painted.

 XLR centre plate As cover for Neutrik plug connectors, type D series. Without claws. Protection class (Device): IP 20			
ivory white	2553-82	2CKA001724A4400	10
studio white	2553-84	2CKA001724A4402	10
grey metallic ¹⁾	2553-803	2CKA001724A4398	10


¹⁾ Surface painted.

 Cover plate with metal mounting plate 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. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20			
ivory white	1748-82	2CKA001710A3655	10
studio white	1748-84	2CKA001710A3656	10
grey metallic ¹⁾	1748-803	2CKA001710A3851	10


¹⁾ Surface painted.

 Cover plate with metal mounting plate As cover for BNC and TNC sockets. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20			
ivory white	1750-82	2CKA001710A3148	10
studio white	1750-84	2CKA001710A3166	10
grey metallic ¹⁾	1750-803	2CKA001710A3859	10


¹⁾ Surface painted.

 Equipotential socket outlet 2gang Without claws. For connecting wires up to 1 x 6 mm ² and 4 x 2.5 mm ² . IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007 Connection bolts German Standard DIN 42801. Protection class (Device): IP 20			
ivory white	2095 UC-82	2CKA002495A0085	10
studio white	2095 UC-84	2CKA002495A0086	10
grey metallic ¹⁾	2095 UC-803	2CKA002495A0097	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate with metal mounting plate With screw-type terminal. Fixed with central locknut. As cover for pilot devices with a diameter of 22.5 mm Without claws. Protection class (Device): IP 20			
ivory white	2533-82	2CKA001724A4255	10
yellow	2533-82-15	2CKA001724A4382	10
studio white	2533-84	2CKA001724A4256	10
grey metallic ¹⁾	2533-803	2CKA001724A4407	10


¹⁾ Surface painted.

 Cover plate ¹⁾ with metal mounting plate for communication devices. With labelling field 60.2 x 10.2 mm. Without claws. Protection class (Device): IP 20			
ivory white	1758-82	2CKA001724A2759	10
studio white	1758-84	2CKA001724A2761	10/100
grey metallic ²⁾	1758-803	2CKA001724A4292	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Surface painted.



Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Busch-DigitalRadio ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ RDS stereo radio alarm clock for flush-mounted installation. Reception frequency: 87.50 MHz - 108.00 MHz. With display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time display. With alarm 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. Rated voltage: 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: 34 mm		
	8215 U-500	2CKA008200A0182	1/10


¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ 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
	Busch-Radio iNet ¹⁾ ²⁾ ³⁾ ⁴⁾ 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		
	8216 U-500	2CKA008200A0153	1/10



¹⁾ No claw. Screw-fixing via keyholes.



²⁾ Matching loudspeaker insert 8223 U.

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



⁴⁾ 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.

solo®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	<p>Busch-Radio BTconnect ¹⁾ ²⁾ ³⁾ ⁴⁾ RDS stereo radio alarm clock for flush-mounted installation. With Bluetooth interface for music replay of mobile devices. Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time and date display. With alarm clock and snooze function. With short-time timer. 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: 2.1 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 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 47 mm Mounting depth: 32 mm</p>		
 Bluetooth™			
8217 U-500	2CKA008200A0194	1	


¹⁾ No claw. Screw-fixing via keyholes.²⁾ Matching loudspeaker insert 8223 U.³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

 <p>Busch Bluetooth receiver ¹⁾ ²⁾ ³⁾ ⁴⁾ Bluetooth interface for music replay of mobile devices. With integrated amplifier. With external AUX input. For mono/stereo operation. Can be combined with the MDRC amplifier 8208. Admissible loudspeaker impedance: 4 - 16 Ohm Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.0 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 Display elements: LED for status display. 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 45 mm Mounting depth: 32 mm</p>  <p>8219 U</p>	2CKA008200A0198	1/10
---	-----------------	------


¹⁾ No claw. Screw-fixing via keyholes.²⁾ Matching loudspeaker insert 8223 U.³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Product	Article-No.	Order-No.	Pack/Qty
	<p>Loudspeaker insert ¹⁾ 5 cm (2") For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U. For Busch Bluetooth receiver 8219 U. With broadband characteristics. With flat plug connector. Incl. speaker connection cable. Rated output: 2 W (RMS) Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm Protection class (Device): IP 20, SELV Mounting depth: 32 mm</p>		
	8223 U-500	2CKA008200A0183	1/10

¹⁾ No claw. Screw-fixing via keyholes.

 <p>Busch-powerDock Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ 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> <p>6473 U-500</p>	2CKA006400A0039	1/10
---	-----------------	------


¹⁾ No claw. Screw-fixing via keyholes.²⁾ The USB-C connection of the Busch-powerDock uses the quick charging function according to Qualcomm® Quick charge™ 2.0 standard.³⁾ 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.⁴⁾ In these cases the quick-charging function of the terminal device is not enabled.


 <p>Busch-powerDock Charging cradle with Apple lightning connection ¹⁾ For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with lightning connection. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7. For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> <p>6473-500</p>	2CKA006400A0081	1/10
---	-----------------	------

¹⁾ Not released for use with the iPad.


solo®

Multimedia / communication adapters


Product	Article-No.	Order-No.	Pack/Qty
	Busch-powerDock Charging cradle with USB-C connection For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm		
	6473/11-500	2CKA006400A0083	1/10

	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used: Rated current: 1400 mA Suitable for: In case two output are used: Rated current: 700 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm Mounting depth: 32 mm		
	6472 U-500	2CKA006400A0002	1


¹⁾ No claw. Screw-fixing via keyholes.²⁾ No data transfer.³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.⁴⁾ Use dust cover 2098 when cleaning the device.

	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used: Rated current: 3 A Suitable for: In case two output are used: Rated current: 1.500 mA 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		
	Available from November 2019		
	6472 U-500-101	2CKA006400A0094	1

¹⁾ No claw. Screw-fixing via keyholes.²⁾ No data transfer.³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.⁴⁾ Use dust cover 2098 when cleaning the device.

Product	Article-No.	Order-No.	Pack/Qty
	USB charging station insert ¹⁾ ²⁾ ³⁾ For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm Mounting depth: 32 mm		
	6474 U-500	2CKA006400A0033	1/10

¹⁾ No claw. Screw-fixing via keyholes.²⁾ No data transfer.³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.


	HDMI connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		

white	0261/31-500	2CKA000230A0430	1
grey	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1


¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.

solo®


Multimedia / communication adapters


Product	Article-No.	Order-No.	Pack/Qty
 <p>VGA connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	white	0261/21-500	2CKA000230A0424 1
	grey	0261/23-500	2CKA000230A0426 1
	alpine white	0261/22-500	2CKA000230A0425 1

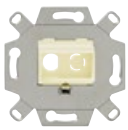
¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.


 <p>USB connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	white	0261/11-500	2CKA000230A0418 1
	grey	0261/13-500	2CKA000230A0420 1
	alpine white	0261/12-500	2CKA000230A0419 1


¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.


 <p>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</p>	white	0262/11-500	2CKA000230A0436 1
	grey	0262/13-500	2CKA000230A0438 1
	alpine white	0262/12-500	2CKA000230A0437 1


Product	Article-No.	Order-No.	Pack/Qty
 <p>F duct-jack for communication adapter For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20</p>	metal clad	0262-500	2CKA000230A0440 1

 <p>Communication adapter for Cinch-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</p>	white	0263/11-500	2CKA000230A0444 1
	grey	0263/13-500	2CKA000230A0446 1
	alpine white	0263/12-500	2CKA000230A0445 1

 <p>Cinch-jacks for communication adapter 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</p>	alpine white	0263/04-500	2CKA000230A0451 1
--	--------------	--------------------	-------------------

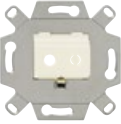
 <p>Cinch-jacks for communication adapter To link analogue audio devices like audio-receiver, amplifier and HiFi-sets. Audio-band 20Hz - 20kHz. Marked black: audio , channel left. With soldering tag. Protection class (Device): IP 20</p>	black	0263/05-500	2CKA000230A0452 1
--	-------	--------------------	-------------------


 <p>Cinch-jacks for communication adapter 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</p>	Red	0263/06-500	2CKA000230A0453 1
--	-----	--------------------	-------------------


 <p>Cinch-jacks for communication adapter 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</p>	yellow	0263/07-500	2CKA000230A0454 1
--	--------	--------------------	-------------------

solo®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Communication adapter for Mini-jacks 3,5mm. 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	0264/11-500	2CKA000230A0458	1
grey	0264/13-500	2CKA000230A0460	1
alpine white	0264/12-500	2CKA000230A0459	1


 Mini-jack 3,5 mm for communication adapter 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	0264-500	2CKA000230A0462	1

 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
white	0248/02-101	2CKA000230A0402	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
alpine white	0248/04-101-500	2CKA000230A0464	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
anthracite	0248/05-101	2CKA000230A0404	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U.			
ivory white	8252-82	2CKA008200A0051	10
studio white	8252-84	2CKA008200A0053	10
grey metallic ¹⁾	8252-803	2CKA008200A0112	10


¹⁾ Surface painted.

 Cover plate For loudspeaker insert 8223 U.			
ivory white	8253-82	2CKA008200A0079	1/10
studio white	8253-84	2CKA008200A0081	1/10
grey metallic ¹⁾	8253-803	2CKA008200A0115	1/10


¹⁾ Surface painted.

 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. For loudspeaker connection box. USB power adapter insert 6472 U. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20			
ivory white	1766-82	2CKA001710A3144	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
grey metallic ¹⁾	1766-803	2CKA001710A3854	10

¹⁾ Surface painted.

 Cover plate With metal mounting plate, with fixing claws, loudspeaker terminals and cover. Conductor cross-sections up to 4 mm ² rigid. With screw-type terminals. Protection class (Device): IP 20			
ivory white	1751-82	2CKA001723A0239	10
studio white	1751-84	2CKA001723A0240	10/100
grey metallic ¹⁾	1751-803	2CKA001723A0257	10


¹⁾ Surface painted.

 Cover plate with rotary control, with marking As a cover for volume controllers. Suitable for the "LR 15 mono BJ UP" devices of WHD. Protection class (Device): IP 20			
ivory white	1740 DR/03-82	2CKA001710A3807	10
studio white	1740 DR/03-84	2CKA001710A3808	10
grey metallic ¹⁾	1740 DR/03-803	2CKA001710A4119	10


¹⁾ Surface painted.

solo®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate For Busch Bluetooth receiver 8219 U.			
ivory white	8255-82	2CKA008200A0212	1
studio white	8255-84	2CKA008200A0214	1/10
grey metallic ¹⁾	8255-803	2CKA008200A0215	1

¹⁾ Surface painted.


 Cover plate for Busch-powerDock For Busch-powerDock charging cradle.			
ivory white	6477-82	2CKA006400A0057	10
studio white	6477-84	2CKA006400A0059	10/100
grey metallic ¹⁾	6477-803	2CKA006400A0060	10

¹⁾ Surface painted.

 Cover plate For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.			
ivory white	6478-82	2CKA006400A0014	1
studio white	6478-84	2CKA006400A0018	1
grey metallic ¹⁾	6478-803	2CKA006400A0022	1

¹⁾ Surface painted.

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1			
	1094 U-500	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.

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

 Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Slide switch 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. 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: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1			
	1095 U-500	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.


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

solo®


Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted 1) 2) 3) Sliding switch, 24 V 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. 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1096 U	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.		

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted 1) 2) 3) 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 °CEN 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.		

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted 1) 2) 3) Actual value indication With actual value temperature display Automatic controller calibration Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 UTA	2CKA001032A0487	1/10

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1095 UTA	2CKA001032A0488	1/10

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted 1) 2) 3) 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1096 UTA	2CKA001032A0489	1/10

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted 1) 2) 3) 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 AEN 60730-2-9, British Standard EN 60669-2-1		
	1097 UTA	2CKA001032A0490	1/10


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

solo®


Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ 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 °CEN 60730-2-9</p>	1098 U-101	2CKA001032A0508	1/10


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.


 <p>Room thermostat, flush-mounted ¹⁾ 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: 1mm² to 2.5 mm² 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 1EN 60730-2-9, British Standard EN 60669-2-1</p>	1095 UF	2CKA001032A0497	1/10
--	----------------	-----------------	------

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ Change-over contact, setpoint indication, timer, remote sensor 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 Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. 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: 16 A Temperature range (Device): 10 °C to 50 °CEN 60730-2-9</p>	1098 UF-101	2CKA001032A0509	1/10

¹⁾ 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)


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

 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Heating/cooling 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1099 UHK	2CKA001032A0515	1/10
--	-----------------	-----------------	------

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Heating/cooling, sliding switch 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1099 UHKEA	2CKA001032A0516	1/10
--	-------------------	-----------------	------


¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.




Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate for room thermostat For room thermostats 1094 U/UF, 1097 U/UF.			
ivory white	1794-82	2CKA001710A3543	10
studio white	1794-84	2CKA001710A3544	10
grey metallic ¹⁾	1794-803	2CKA001710A3847	10


¹⁾ Surface painted.

 Cover plate for room thermostat 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.			
ivory white	1795-82	2CKA001710A3568	10
studio white	1795-84	2CKA001710A3569	10
grey metallic ¹⁾	1795-803	2CKA001710A3848	10


¹⁾ Surface painted.

 Cover plate for room thermostat For room thermostats 1094 UTA, 1097 UTA.			
ivory white	1794 TA-82	2CKA001710A3696	10
studio white	1794 TA-84	2CKA001710A3698	10
grey metallic ¹⁾	1794 TA-803	2CKA001710A3849	10


¹⁾ Surface painted.

 Cover plate for room thermostat With sliding switch for nightly room temperature reduction. For room thermostats 1095 UTA, 1096 UTA.			
ivory white	1795 TA-82	2CKA001710A3723	10
studio white	1795 TA-84	2CKA001710A3725	10
grey metallic ¹⁾	1795 TA-803	2CKA001710A3850	10


¹⁾ Surface painted.

 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. For Busch-CO2 sensor 1091 U-500.			
ivory white	6435-82	2CKA006430A0304	10
studio white	6435-84	2CKA006430A0306	10
grey metallic ¹⁾	6435-803	2CKA006430A0351	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate for room thermostat For room temperature controller 1099 UHK.			
ivory white	1795 HK-82	2CKA001710A4015	10
studio white	1795 HK-84	2CKA001710A4017	10
grey metallic ¹⁾	1795 HK-803	2CKA001710A4012	10

¹⁾ Surface painted.


 Cover plate for room thermostat For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating.			
ivory white	1795 HKEA-82	2CKA001710A4047	10
studio white	1795 HKEA-84	2CKA001710A4049	10
grey metallic ¹⁾	1795 HKEA-803	2CKA001710A4044	10

¹⁾ Surface painted.


solo®

LED light


WaveLINE control elements

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


¹⁾ Use relay inserts when switching through movement sensors or comfort switches.²⁾ For switching the LED flush mounted insert use switches without orientation light only.


	Cover plate ^{1) 2)} As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm. Protection class (Device): IP 20		
ivory white	1716-82	2CKA001731A1922	1
studio white	1716-84	2CKA001731A1923	1
grey metallic ³⁾	1716-803	2CKA001731A1976	1

¹⁾ Included with the cover are 46 different text labels and symbols.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Surface painted.


	Cover plate for indication lamp For insert 2061/2661 U. As cover for flush-mounted light signal. Protection class (Device): IP 20		
ivory white	1756-82	2CKA001753A0090	10
studio white	1756-84	2CKA001753A0092	10
grey metallic ¹⁾	1756-803	2CKA001753A0088	10

¹⁾ Surface painted.

	Cap for indication lamp For indication lamps. Protection class (Device): IP 20		
clear-transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ^{1) 2)} 1-channel 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. For LED display WaveLINE 6730-xxx. 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		
ivory white	6731-82-500	2CKA006730A0032	1/10
studio white	6731-84-500	2CKA006730A0038	1/10



¹⁾ Battery included in delivery.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Wall-mounted transmitter WaveLINE ^{1) 2)} 2-channel 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. For LED display WaveLINE 6730-xxx. 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		
ivory white	6732-82-500	2CKA006730A0033	1/10
studio white	6732-84-500	2CKA006730A0039	1/10





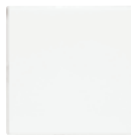
¹⁾ Battery included in delivery.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

solo®

WaveLINE control elements




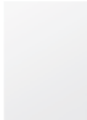

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 4-channel 4gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming. For controlling blinds and light scenes. 4 radio channels can be operated or up to 8 light scenes can be called up. For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101. For LED display WaveLINE 6730-xxx. 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		
	ivory white	6733-82-500	2CKA006730A0034 1/10
	studio white	6733-84-500	2CKA006730A0040 1/10
¹⁾ Battery included in delivery. ²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	WaveLINE LED display ¹⁾ For status display of window handle positions: open = red, closed = green, tilted = yellow. Direct onsite operation possible for switching / dimming an electrical device depending on the flush-mounted insert. 4 individual LED display channels. Up to 8 WaveLine transmitters can be taught-in on each LED display channel. Up to 8 WaveLine transmitters can be taught-in on onsite operation. After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state. Status display for depleted WaveLINE transmitter battery. Status display for faulty transmission link and defective WaveLINE transmitter. User-friendly start-up without PC / software. Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x. For WaveLINE 6721-xx universal signalling unit. For Busch-Watchdog 220 WaveLINE 6747 AGM. For Busch-Universal relay switch insert 6404 U. For universal dimmer switch insert 6595 U. Free-field range: approx. 100 m. Send/receive frequency: 868 MHz. Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm		
	ivory white	6730-82	2CKA006730A0015 1
	studio white	6730-84	2CKA006730A0017 1
	grey metallic ²⁾	6730-803	2CKA006730A0025 1
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Surface painted.			

Busch-Infoline®






Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ ²⁾ 1gang, with labelling field With operating knob. For signal/cancel push-button 1520/1 UK. For monitoring unit 1511 U. For Busch-Leakage guard insert 1531 U. With labelling field 61 x 20 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1571 CN-84	2CKA001582A0346 10
	¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.		
	Cover plate ¹⁾ ²⁾ 2gang, with labelling field With operating knob. For signal push-button insert 1520/1 UKZ. With labelling field 61 x 20 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1572 CN-84	2CKA001582A0348 10
	¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.		
	Cover plate ¹⁾ ²⁾ with red and neutral light panel and labelling field For Alarm Control Unit insert 1515 U-12. For Busch-Alarm signal insert 1563 U-12. For indication lamp insert 1564 U-1x. With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1573 CN-84	2CKA001582A0350 10
	¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.		
	Cover plate ¹⁾ ²⁾ 6gang, illuminable, with labelling field For signal panel insert 1566 U. With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1575 CN-84	2CKA001582A0353 10
	¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.		
	Cover plate ¹⁾ ²⁾ with labelling field For power supply insert 1518 U. For relay insert 1539 U. For signal generator insert 1561 U-.... With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1576 CN-84	2CKA001582A0355 10
	¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.		

solo®

Accessories

Product	Article-No.	Order-No.	Pack/Qty
 Extension of claws ¹⁾ For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes. Protection class (Device): IP 20	2148	2CKA002148A0120	100
	¹⁾ Not suitable for types 2000/3 US, 2000/6/2 US, 2000/6/6 US-101 and double socket outlets.		
 Braille symbol self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20	light		
	2144 LI	2CKA001714A0295	10/1000
	bell		
	2144 KI	2CKA001714A0296	10/1000
	key		
	2144 TR	2CKA001714A0297	10/1000
 Braille symbol socket outlet self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx Protection class (Device): IP 20	2144 ST	2CKA001714A0298	10/1000
 DIN A 4 labelling sheet ¹⁾ plastic foil Suitable for all to be labeled Busch-Jaeger devices. For laser printer. The text of the foil is printed via the Busch-Jaeger labeling service.	translucent	1799/02	2CKA001799A0959 1
	transparent	1799/03	2CKA001799A0960 1
¹⁾ 1 piece = 1 sheet.			
 RC suppressor For protection against the damage or destruction of electronic devices due to overvoltages. 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. Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz	6899	2CKA006899A0231	10

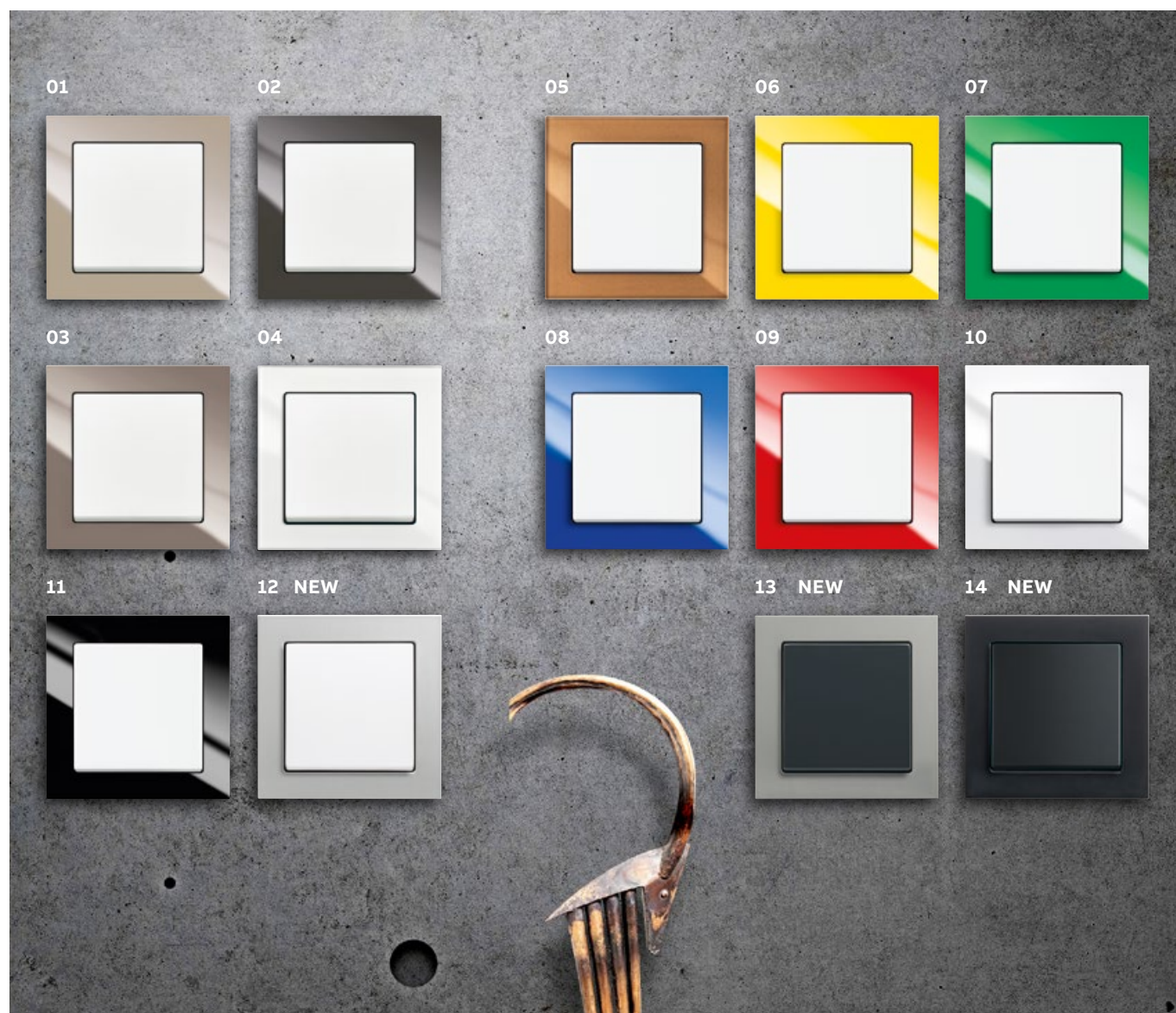
Cover frames

Product	Article-No.	Order-No.	Pack/Qty
 Cover frame ¹⁾ 1gang frame For vertical or horizontal installation. Protection class (Device): IP 20	chrome	1721-80-500	2CKA001754A4535 10/100
	chrome gloss	1721-80G-500	2CKA001754A4538 10/100
	studio white	1721-84-500	2CKA001754A4536 10/100
	¹⁾ Suitable for installation in trunking systems with 80 mm conduit.		
 Cover frame 2gang frame For vertical or horizontal installation. Protection class (Device): IP 20	chrome	1722-80-500	2CKA001754A4537 10/100
	chrome gloss	1722-80G	2CKA001754A4327 10
	studio white	1722-84-500	2CKA001754A4539 10/100
 Cover frame 3gang frame For vertical or horizontal installation. Protection class (Device): IP 20	chrome	1723-80-500	2CKA001754A4540 10/100
	chrome gloss	1723-80G	2CKA001754A4328 10
	studio white	1723-84-500	2CKA001754A4541 10/100
 Cover frame 4gang frame For vertical or horizontal installation. Protection class (Device): IP 20	chrome	1724-80	2CKA001754A4107 1
	chrome gloss	1724-80G	2CKA001754A4329 1
	studio white	1724-84	2CKA001754A4112 1
 Cover frame 5gang frame For vertical or horizontal installation. Protection class (Device): IP 20	chrome	1725-80	2CKA001754A4108 1
	chrome gloss	1725-80G	2CKA001754A4330 1
	studio white	1725-84	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

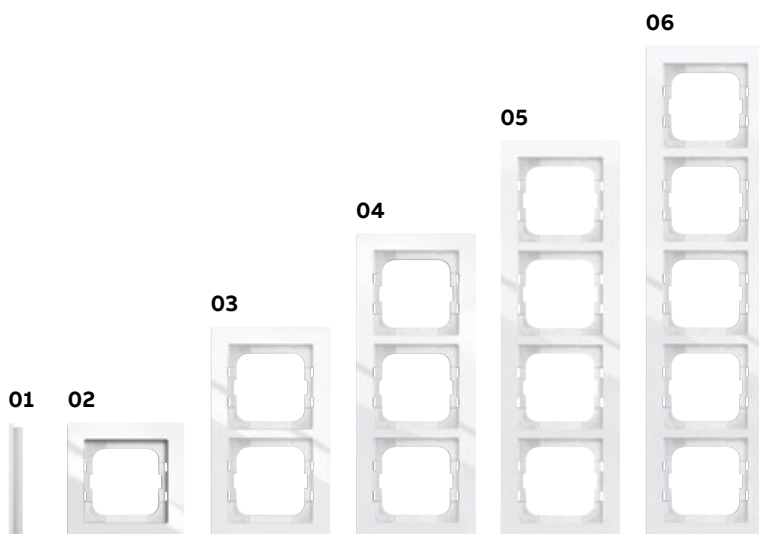
Cover: Thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.

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-AudioWorld® Busch-Radio iNet |
| 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection | 18 Antenna socket for radio/TV/satellite |
| 08 SCHUKO® USB socket outlet | 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.

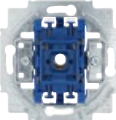
- 01 Side view, 11 mm x 91 mm
- 02 91 mm x 91 mm
- 03 91 mm x 162 mm
- 04 91 mm x 233 mm
- 05 91 mm x 304 mm
- 06 91 mm x 375 mm



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

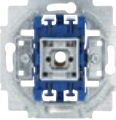
Busch-axcent®

Rocker switches / push switches


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

¹⁾ 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)


²⁾ With screw-type terminals. Non-illuminable.

	Rocker Switch Mechanism ¹⁾ Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way		
	2400/6 US-500	2CKA001012A2232	10/100
	2gang 1way		
	2400/5 US-500	2CKA001012A2234	10
	1gang		
	2400/7 US-500	2CKA001012A2236	10


¹⁾ 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)

	Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/6/6US-101-500	2CKA001011A0928	10/100

¹⁾ 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)


Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2400/6/6US-101-500	2CKA001022A0663	10

¹⁾ 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)

	Rocker Switch Mechanism ¹⁾ ²⁾ DP, 1gang 1way For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/2 US-101-500	2CKA001012A2193	10/100


¹⁾ 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)

²⁾ Also for switching SCHUKO® socket outlets.

	Rocker Switch Mechanism ¹⁾ ²⁾ 3-pole, 1gang 1way switch Rated voltage: 400 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2000/3 US	2CKA001011A0816	10


¹⁾ 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)

²⁾ With screw-type terminals. Non-illuminable.

	Rocker Switch Mechanism ¹⁾ With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way ²⁾		
	2000/6 USGL-500	2CKA001012A2194	10/100
	2gang 1way		
	2000/5 USGL	2CKA001012A1135	10

¹⁾ 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)


²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

	Rocker Switch Mechanism, control ¹⁾ 2gang 1way with LED, Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2400/5 USK-500	2CKA001012A2238	10

¹⁾ 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)

Busch-axcent®


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mechanism, control 1) 2) 3) With neon lamp. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way with N-terminal		
	2000/6 USK-500	2CKA001022A0659	10/100
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10

¹⁾ With 1 mA neon lamp.

²⁾ 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)


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

	Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20IEC 60669-1		
	2400/6 USK-500	2CKA001022A0661	10

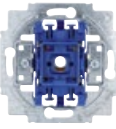
¹⁾ With 1 mA neon lamp.

²⁾ 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)


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

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

¹⁾ 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)

	Push-switch mechanism 1) SP, with normally open contact (operating current) With 2 independent signalling contacts. Rated voltage: 250 V~ Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-201	2CKA001413A0483	10


¹⁾ 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)

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

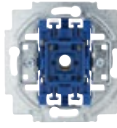
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.


³⁾ For relay and touch dimmer applications.

Product	Article-No.	Order-No.	Pack/Qty
	Push-switch mechanism 1) With one input terminal and 2 actuating covers. Rated voltage: 250 V~ Inputs: 1 Outputs: 2x Normally open contact Rated current: 10 A Protection class (Device): IP 20IEC 60669-1		
	2020 US-205-500	2CKA001413A1105	10/100


¹⁾ 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)

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


¹⁾ 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)

	Rocker For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20		
	anthracite	1786-81	2CKA001751A2926 10/100
	studio white	1786-84-500	2CKA001751A3074 10/100
	black matt 1)	1786-885	2CKA001751A3041 10/100

¹⁾ Surface painted.

	Rocker For flush-mounted switch 2g 1w, 2g push switch. Protection class (Device): IP 20		
	anthracite	1785-81	2CKA001751A2930 10
	studio white	1785-84-500	2CKA001751A3076 10/100
	black matt 1)	1785-885	2CKA001751A3038 10/100


¹⁾ Surface painted.

	Rocker As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20		
	anthracite	1785 K-81	2CKA001751A3121 10
	studio white	1785 K-84-500	2CKA001751A3128 10
	black matt 1)	1785 K-885	2CKA001751A3136 10


¹⁾ Surface painted.

Busch-axcent®


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Rocker with small red spherical cap As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
	anthracite	1789-81	2CKA001751A2928 10
	studio white	1789-84-500	2CKA001751A3091 10/100
	black matt ¹⁾	1789-885	2CKA001751A3047 10


¹⁾ Surface painted.

 Rocker with small transparent lens As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
	anthracite	1789 N-81	2CKA001751A3147 10/100
	studio white	1789 N-84-500	2CKA001751A3151 10/100
	black matt ¹⁾	1789 N-885	2CKA001751A3154 10/100


¹⁾ Surface painted.

 Switch rocker with marking With symbol. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20			
	anthracite	2520 LI-81	2CKA001751A3186 10/100
	studio white	2520 LI-84-500	2CKA001751A3190 10/100
	black matt ¹⁾	2520 LI-885	2CKA001751A3193 10/100


¹⁾ Surface painted.

 Switch rocker with marking With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
	anthracite	2520 TR-81	2CKA001751A3196 10/100
	studio white	2520 TR-84	2CKA001751A3199 10/100
	black matt ¹⁾	2520 TR-885	2CKA001751A3202 10/100


¹⁾ Surface painted.

 Switch rocker with marking With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20			
	anthracite	2520 KI-81	2CKA001751A3176 10/100
	studio white	2520 KI-84-500	2CKA001751A3180 10/100
	black matt ¹⁾	2520 KI-885	2CKA001751A3183 10/100


¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Switch rocker with marking with small transparent lens With symbol. As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
	anthracite	1789 LI-81	2CKA001751A2931 10
	studio white	1789 LI-84-500	2CKA001751A3084 10/100
	black matt ¹⁾	1789 LI-885	2CKA001751A3045 10


¹⁾ Surface painted.

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


¹⁾ Surface painted.

 Switch rocker with marking with small transparent lens With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
	anthracite	1789 TR-81	2CKA001751A2933 10
	studio white	1789 TR-84	2CKA001751A2755 10
	black matt ¹⁾	1789 TR-885	2CKA001751A3046 10

¹⁾ Surface painted.

 Switch rocker with marking with small transparent lens With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20			
	anthracite	1789 KI-81	2CKA001751A2932 10
	studio white	1789 KI-84	2CKA001751A2754 10
	black matt ¹⁾	1789 KI-885	2CKA001751A3044 10

¹⁾ Surface painted.

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

³⁾ Surface painted.

Busch-axcent®


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Rocker ¹⁾ ²⁾ with labelling field With bell symbol. With pilot lamp for uniform illumination of the labelling field. For flush-mounted push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20			
anthracite	1764 NLI/KI-81	2CKA001731A3998	10/100
studio white	1764 NLI/KI-84-500	2CKA001731A4002	10/100
black matt ³⁾	1764 NLI/KI-885	2CKA001731A4005	10/100


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.


³⁾ Surface painted.

 Switch rocker with marking with small red spherical cap With imprint "0" and "I". 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	1788-81	2CKA001751A2927	10
studio white	1788-84	2CKA001751A2750	10/100
black matt ¹⁾	1788-885	2CKA001751A3042	10


¹⁾ Surface painted.

 Switch rocker with marking with small red spherical cap With marking "Heizung". 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	1789 H-81	2CKA001751A2929	10
studio white	1789 H-84	2CKA001751A2751	10
black matt ¹⁾	1789 H-885	2CKA001751A3043	10


¹⁾ Surface painted.

 Card switch 10 A ¹⁾ SP, with normally open contact (operating current) Illuminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1			
	2025 U	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.		


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate 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. Protection class (Device): IP 20			
anthracite	1792-81	2CKA001710A3639	10
studio white	1792-84	2CKA001710A3641	10
black matt ¹⁾	1792-885	2CKA001710A3905	10


¹⁾ Surface painted.

 Switch rocker with marking For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. DO NOT DISTURB Protection class (Device): IP 20			
anthracite	1786/11-81	2CKA001751A3207	10
studio white	1786/11-84	2CKA001751A2998	10
black matt ¹⁾	1786/11-885	2CKA001751A3040	10


¹⁾ Surface painted.

 Switch rocker with marking For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB MAKE UP ROOM Protection class (Device): IP 20			
anthracite	1785/11-81	2CKA001751A3205	10
studio white	1785/11-84	2CKA001751A2992	10
black matt ¹⁾	1785/11-885	2CKA001751A3037	10

¹⁾ Surface painted.

 Bell push-switch DND/MUR with marking "Do not Disturb" and "Make up Room" two separate LED indicators with screw-type terminal Rated voltage: 250 V~ Rated current: 10 ABS EN 60669-1, IEC 60669-1 delivery on request			
anthracite	2029 UC-81	2CKA001751A3167	1
studio white	2029 UC-84	2CKA001751A3170	1
black matt ¹⁾	2029 UC-885	2CKA001751A3173	1


¹⁾ Surface painted.

 Pull switch ¹⁾ SP, with normally open contact (operating current) With 2-metre pull cord, red handle, and red neon indicator. Rated voltage: 250 V~ Rated current: 10 A			
	2020/01 US-101	2CKA001413A1112	10


¹⁾ 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)

Busch-axcent®

Rocker switches / push switches


Product	Article-No.	Order-No.	Pack/Qty
	Pull switch ¹⁾ SP, break contact With 2-metre pull cord, red handle, and red neon indicator. Rated voltage: 250 V~ Rated current: 10 A		
	2020/10 US-101	2CKA001413A1111	10

¹⁾ 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)


	Cover plate ¹⁾ for pull switch 2610/6 UC-xx, 2610/6 UJ-xx With screw-type terminal Protection class (Device): IP 20		
anthracite	1796-81	2CKA001753A0308	10
studio white	1796-84	2CKA001753A0311	10
black matt ²⁾	1796-885	2CKA001753A0314	10

¹⁾ Exchanging the available cover/cover plate.

²⁾ Surface painted.


	Rocker open for red pull switch neon indicator For pull switch 2020/xx US. Protection class (Device): IP 20		
anthracite	1720-81	2CKA001731A1914	10
studio white	1720-84	2CKA001731A1916	10
black matt ¹⁾	1720-885	2CKA001731A1981	10

¹⁾ Surface painted.

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


¹⁾ Install only in conjunction with wall boxes ø 60 mm.

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


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

¹⁾ Install only in conjunction with wall boxes ø 60 mm.

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

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




¹⁾ Surface painted.

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


¹⁾ Surface painted.

Busch-axcent®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later). Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.		
	6716 U-500	2CKA006710A0014	1
	Rocker For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.		
	6736 FoH-84	2CKA006730A0136	1
studio white			
	Busch-rotary dimmer 1) 2) 3) 4) 5) 7) 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 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		
	6523 U-102-500	2CKA006512A0335	1/10





- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
 2) In the case of conventional transformers, take ~20% transformer loss into account.
 3) In case of electronic transformers, 5 % transformer losses.
 4) Also applicable for 1gang 2way installations.
 5) Provided with terminal for net disconnection devices.
 6) 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)
 7) Recommendation: Please use loads and types of one producer.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer 1) 2) 3) 4) 5) 7) UP, LED, 2-400 W 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		
	6523 UR-103-500	2CKA006512A0345	1/10





- 1) Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
 2) In the case of conventional transformers, take ~20% transformer loss into account.
 3) In case of electronic transformers, 5 % transformer losses.
 4) Also applicable for 1gang 2way installations.
 5) Provided with terminal for net disconnection devices.
 6) 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)
 7) Recommendation: Please use loads and types of one producer.

Busch-axcent®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ^{1) 2) 3) 4) 5)} Flush-mounted, LED, 2-100 W Touch dimmer. 2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds with the trailing edge control mode. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1		
			
	6526 U-500	2CKA006512A0323	1/10
¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ In case of electronic transformers, 5 % transformer losses. ⁴⁾ 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) ⁵⁾ Recommendation: Please use loads and types of one producer. ⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).			
	Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, R, 60-600 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 600 W IEC 60669-2-1, British Standard EN 60669-2-1		
			
	2250 U-500	2CKA006515A0848	1/10


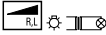
- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ Also applicable for 1gang 2way installations.
³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073,
 Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall
 or 3060 wallbox concrete)
⁴⁾ Provided with terminal for net disconnection devices.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RL, 20-500 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. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
			
	2247 U-500	2CKA006512A0302	1/10
¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ Provided with terminal for net disconnection devices. ⁴⁾ Also applicable for 1gang 2way installations. ⁵⁾ 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)			
	Busch-rotary dimmer ^{1) 2) 3) 4) 5)} 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



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Provided with terminal for net disconnection devices.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ 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)
⁶⁾ Should be mounted in a separate wallbox.

Busch-axcent®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-2gang switch/rotary dimmer ¹⁾ ²⁾ ³⁾ flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6517 U-101-500	2CKA006517A0018	1/10


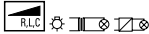
- ¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Can be used to replace a 2gang 1way switch.

 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ flush mounted, RC, 40-420 W With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 40 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6513 U-102-500	2CKA006513A0586	1/10
---	-----------------------	-----------------	------



- ¹⁾ Not suitable with conventional transformers.
²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Provided with terminal for net disconnection devices.
⁵⁾ Also applicable for 1gang 2way installations.
⁶⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ flush mounted, RC, 40-420 W DP switched With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. DP cut off (P,N) Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6514 U-500	2CKA006514A0115	1

- ¹⁾ Not suitable with conventional transformers.
²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Provided with terminal for net disconnection devices.
⁵⁾ Also applicable for 1gang 2way installations.
⁶⁾ 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)

 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ flush mounted, RLC, 60-420 W with soft-catch With intelligence for universal operation. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6591 U-101-500	2CKA006513A0588	1/10
---	-----------------------	-----------------	------



- ¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.
²⁾ In case of electronic transformers, 5 % transformer losses.
³⁾ In the case of conventional transformers, take ~20% transformer loss into account.
⁴⁾ 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)
⁵⁾ Cannot be combined with a 2way switch.

 Busch-rotary dimmer, extension ¹⁾ ²⁾ flush mounted for connection to 6591 U-101, To be used with Busch-Dimmer®, MDRC 6583. with soft-catch. A maximum of 5 multi-way extensions can be connected to a 6591U-101. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz 	6592 U-500	2CKA006513A0590	1
--	-------------------	-----------------	---

- ¹⁾ Control elements 2115-xxx and 6540-xxx.
²⁾ Required for illuminating the N-connection control element.

Busch-axcent®

Dimmers


Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ 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

¹⁾ Non-illuminable.


²⁾ Use cover plates 2115 J-.../2115-.../6540-...

³⁾ 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)

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

	Busch-rotary dimmer ¹⁾ 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 proof. 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 ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116 U	2CKA006599A3025	1


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ Flush-mounted, DALI, with internal power supply, tunable white 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116/11 U	2CKA006599A3026	1


¹⁾ 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)

Busch-axcent®


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ flush mounted, DALI 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 proof. 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. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117 U-500	2CKA006599A2987	1

¹⁾ 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)


	Busch-rotary dimmer ¹⁾ flush mounted, DALI, with internal power supply 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. 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117/11 U-500	2CKA006599A2988	1

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ¹⁾ ²⁾ flush mounted, RL, 25-500 W With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Parallel operation of several transformers and/or incandescent lamps possible. Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
	6560 U-101-500	2CKA006560A1207	1/10

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

²⁾ 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)

	Busch touch-dimmer range ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, RC, 45-315 W For switching and dimming 2 independent devices. With trailing edge control. 2gang 1way For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Compatible with control covers 6545-xxx. Without cover, without cover plate. Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz IEC 60669-2-1, British Standard EN 60669-2-1		
	6565 U-500	2CKA006565A0057	1/10

¹⁾ Not suitable with conventional transformers.







²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ 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)







⁴⁾ Does not provide an extension input.

Busch-axcent®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p>     	6593 U-500	2CKA006590A0171	1/10


- ¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.
²⁾ In case of electronic transformers, 5 % transformer losses.
³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.
⁴⁾ 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)

 <p>Busch-Dimmer®, capacity booster ¹⁾ flush mounted, RLC, 200-315 W The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101 For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 200 - 315 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p>     	6594 U-500	2CKA006590A0172	1
---	-------------------	-----------------	---


- ¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ¹⁾ ²⁾ ³⁾ flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). For LED control via control gears Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6550 U-101-500	2CKA006550A0042	1

- ¹⁾ Non-illuminable.
²⁾ 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)
³⁾ with integrated making-current limiter

 <p>Cover plate ¹⁾ 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.</p>	6540-81-102	2CKA006599A2950	10
anthracite	6540-81-102	2CKA006599A2950	10
studio white	6540-84-102-500	2CKA006599A3009	10/100
black matt ²⁾	6540-885-102	2CKA006599A2966	10/100


¹⁾ Replacement neon lamp, Art. No. 3855.
²⁾ Surface painted.

 <p>Control element ¹⁾ ²⁾ ³⁾ 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.</p>	6543-81-101	2CKA006599A2881	1/10
anthracite	6543-81-101	2CKA006599A2881	1/10
studio white	6543-84-101-500	2CKA006599A3010	1/10
black matt ⁴⁾	6543-885-101	2CKA006599A2968	1/10

- ¹⁾ Compatible with previous type 6543-xxx.
²⁾ Touch-type Controller 6550 U-xxx non-illuminable.
³⁾ Replacement neon lamp 3857.
⁴⁾ Surface painted.


Busch-axcent®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Control element ¹⁾ with neon lamp Combinable with Busch-Memory 2gang dimmer 6565 U.			
anthracite	6545-81	2CKA006599A2906	1/10
studio white	6545-84	2CKA006599A2908	1/10
black matt ²⁾	6545-885	2CKA006599A2969	1/10


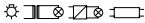
¹⁾ Replacement neon lamp 3857.


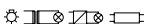
²⁾ Surface painted.

 Cover plate for cooling element For Busch-Universal master dimmer power module 6594 U. For room temperature controller object range 6108/0x and base for blind cover 6930/01.			
anthracite	6541-81	2CKA006599A2882	10
studio white	6541-84	2CKA006599A2835	10
black matt ¹⁾	6541-885	2CKA006599A2967	10

¹⁾ Surface painted.


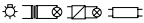
Movement detectors / comfort switches



Product	Article-No.	Order-No.	Pack/Qty
 Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 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 60669-2-1 			
	6401 U-102-500	2CKA006401A0049	1/10

 Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x 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): 0 °C to 35 °C British Standard EN 60669-2-1 			
	6402 U-500	2CKA006401A0051	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.		
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.		

Busch-axcent®

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Watchdog relay mechanism 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V, +10 % / -10 % Rated frequency: 50 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 power: 700 W/VA</p> <p>Temperature range (Device): 0 °C to 55 °C British Standard EN 60669-2-1</p> 	6812 U-101-500	2CKA006800A2160	1/10

 <p>Busch-Watchdog MOS-Fet Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ 2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA</p> <p>Temperature range (Device): 0 °C to 35 °C British Standard EN 60669-2-1</p> 	6804 U-101-500	2CKA006800A2219	1/10
---	-----------------------	-----------------	------

¹⁾ In case of electronic transformers, 5 % transformer losses.

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

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.


⁴⁾ Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relays.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Watchdog extension insert ¹⁾ 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): 0 °C to 35 °C</p>	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

¹⁾ Not combinable with relay switch insert 6812 U-101.


 <p>Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ with select-lens For automatic switching of devices dependent on motion and brightness. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 18 sectors with 72 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 12 m, lateral: 8 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C</p>	6800-81-104	2CKA006800A2268	1
anthracite	6800-84-104	2CKA006800A2101	1/10
studio white	6800-885-104	2CKA006800A2506	1
black matt ²⁾			

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ Surface painted.

Busch-axcent®


Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ ²⁾ with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	anthracite	6800-81-104M	2CKA006800A2269 1
	studio white	6800-84-104M	2CKA006800A2102 1/10
	black matt ³⁾	6800-885-104M	2CKA006800A2500 1



¹⁾ Installation: slide switch top.



²⁾ Please order the respective flush-mounted insert separately.

³⁾ Surface painted.

	Cover plate Proximity switch For proximity switch 6406 U.		
	anthracite	6476-81	2CKA006470A0007 1/10
	studio white	6476-84	2CKA006470A0004 10
	black matt ¹⁾	6476-885	2CKA006470A0011 10

¹⁾ Surface painted.


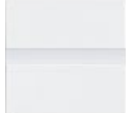
Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/01 U-500	2CKA006400A0085	1

	Universal e-contact insert ¹⁾ 2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 20 - 180 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 20 - 180 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/04 U-500	2CKA006400A0088	1



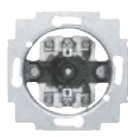
¹⁾ Only use dimmable high voltage LEDs.

Busch-axcent®

Movement detectors / comfort

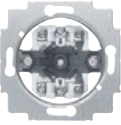
Product	Article-No.	Order-No.	Pack/Qty
	Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1
	Busch-Comfort switch control element ^{1) 2)} with neon lamp Movement detector/push-button switch combination. Push switch function possible at all times. For switching lighting systems that depend on brightness and movement. Extension of the detection range by means of master/slave combination. Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (time and motion-controlled) switch-off. Adjustable operating mode: automatic switch-on, manual switch-off. With continuous light/continuous off function. Adjustment elements on the rear. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED for status display. Detection range: frontal: 5 m, lateral: 3 m, Mounting height: 1.1 m Detection angle: 170 ° Brightness limit value: 0.5 Lux - 500 Lux, Daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm DIN EN 60669-2-1		
anthracite	6815-81-101-500	2CKA006800A2828	1
studio white	6815-84-101-500	2CKA006800A2834	1
black matt ³⁾	6815-885-101-500	2CKA006800A2840	1

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Key Switch Insert ^{1) 2) 3)} breaking circuit, 1-pole For profile semi-cylindrical lock. In switched-on and switched-off status the key can be pulled out in the central position, respectively. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	2733 USL-101	2CKA001101A0914	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.		
¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.) ²⁾ Use the cylindrical lock according to the enclosed drawing. ³⁾ See profile semi-cylindrical lock.			
	Blind switch insert ^{1) 2)} With interlock. Rated voltage: 250 V~ Rated current: 10 AX IEC60669-1, British Standard EN 60669-1		
	SP, switch		
	2000/4 US-500	2CKA001012A2197	10/100
	SP, push switch.		
	2020/4 US-500	2CKA001413A1103	10/100
¹⁾ 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) ²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.			
	Blind switch insert ^{1) 2)} With rotary knob/switch and push switch. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1		
	DP ³⁾		
	2712 U	2CKA001101A0534	10
	SP, N, E		
	2713 U	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.		

Busch-axcent®


Blind control / timers

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

¹⁾ 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)

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

³⁾ Also suitable for controlling direct voltage drives.

	Blind switch/push-switch ¹⁾ ²⁾ ³⁾ ⁴⁾ For profile semi-cylindrical lock/switch and push-switch. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	DP ⁵⁾		
	2712 USL-101	2CKA001101A0872	10
SP, N, E			
	2713 USL-101	2CKA001101A0880	10


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

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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.

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


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


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

³⁾ Use the cylindrical lock according to the enclosed drawing.

⁴⁾ See semi-cylindrical lock.

⁵⁾ Also suitable for controlling direct voltage drives.


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

	Comfort blind insert ¹⁾ ²⁾ ³⁾ with memory and positioning function For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob. Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off. Suitable for operation without neutral conductor. Without an extension input. Power reserve of 45 minutes (maintenance-free as capacitor). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 1.3 A, cos φ 0.5 Rated power: 300 VA Temperature range (Device): 0 °C to 35 °C		
	6419 U	2CKA006410A0390	1/10

¹⁾ Pertinent cover plates 6436-xx.

²⁾ 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.

³⁾ Only suitable for single unit control.

	Basic blind insert ¹⁾ ²⁾ 2-wire blind insert 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 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA Temperature range (Device): 0 °C to 35 °C		
	6418 U-500	2CKA006410A0376	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.

¹⁾ N-conductor connection required for operation with control cover 6430-xx, illuminated.


²⁾ 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.


Busch-axcent®


Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Blind control II switch insert ¹⁾ 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. Running time: 3 min Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA</p> <p>Control/Signal outputs: 2 Temperature range (Device): 0 °C to 35 °C</p>	6411 U-500-101	2CKA006410A0378	1/10


¹⁾ Compatible with types 6411 U/x.

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


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

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Short-time timer insert ¹⁾ 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</p> <p>Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		


¹⁾ 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)

 <p>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</p>	anthracite	1785 JA-81	2CKA001751A2934	10
	studio white	1785 JA-84-500	2CKA001751A3088	10/100
	black matt ¹⁾	1785 JA-885	2CKA001751A3036	10

¹⁾ Surface painted.

 <p>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</p>	anthracite	1740-81	2CKA001710A3623	10
	studio white	1740-84	2CKA001710A3172	10/100
	black matt ¹⁾	1740-885	2CKA001710A3894	10

¹⁾ Surface painted.


 <p>Cover plate ¹⁾ 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</p>	anthracite	1755 SL/PZ-81-101	2CKA001710A3626	10
	studio white	1755 SL/PZ-84-101	2CKA001710A3175	10
	black matt ²⁾	1755 SL/PZ-885-101	2CKA001710A3902	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Surface painted.

Busch-axcent®

Blind control / timers


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.			
anthracite	6430-81-102	2CKA006430A0326	1/10
studio white	6430-84-102-500	2CKA006430A0400	1/10
black matt ¹⁾	6430-885-102	2CKA006430A0386	1/10

¹⁾ Surface painted.


 Cover plate ¹⁾ with rotary knob For comfort blinds insert 6419 U.			
anthracite	6436-81	2CKA006430A0387	10
studio white	6436-84	2CKA006430A0358	10
black matt ²⁾	6436-885	2CKA006430A0364	10

¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.

²⁾ Surface painted.


 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. For Busch-CO2 sensor 1091 U-500.			
anthracite	6436-81	2CKA006430A0387	10
studio white	6435-84	2CKA006430A0306	10
black matt ¹⁾	6435-885	2CKA006430A0389	10

¹⁾ Surface painted.

 Time switch mechanism 16 A ¹⁾ ²⁾ DP, break contact for staircases, exterior lighting, fans, etc. Running time: 15 min. For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos ϕ 0.25 Protection class (Device): IP 20			
1070 U		2CKA001043A0025	1/10


¹⁾ For screw-fixing only

²⁾ 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)


 Time switch mechanism 16 A ¹⁾ ²⁾ DP, break contact for staircases, exterior lighting, fans, etc. Running time: 120 min. For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos ϕ 0.25 Protection class (Device): IP 20			
1071 U		2CKA001043A0124	1

¹⁾ For screw-fixing only

²⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate with rotary knob, with marking For Busch-Timer insert 1070 U. Running time: 15 min Protection class (Device): IP 20			
anthracite	1770-81-103	2CKA001753A0255	10
studio white	1770-84-103	2CKA001753A0258	10
black matt ¹⁾	1770-885-103	2CKA001753A0261	10


¹⁾ Surface painted.

 Cover plate with rotary knob, with marking For Busch-Timer insert 1071 U. Running time: 120 min Protection class (Device): IP 20			
anthracite	1771-81-103	2CKA001753A0265	10
studio white	1771-84-103	2CKA001753A0301	10
black matt ¹⁾	1771-885-103	2CKA001753A0304	10


¹⁾ Surface painted.

Busch-axcent®

Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUC-81	2CKA002011A3801 10/100
	studio white	20 EUC-84-500	2CKA002011A6207 10/100
	black matt ¹⁾	20 EUC-885	2CKA002011A3883 10/100

¹⁾ Surface painted.

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

¹⁾ Increased shock protection.


²⁾ Surface painted.

	SCHUKO® socket outlet ¹⁾ ²⁾ shuttered With screw-type terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	2300 EUCB-81	2CKA002013A5448 10
	studio white	2300 EUCB-84	2CKA002013A5451 10/100
	black matt ³⁾	2300 EUCB-885	2CKA002013A5454 10/100

¹⁾ Increased shock protection.


²⁾ With screw-type terminals

³⁾ Surface painted.

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

¹⁾ Increased shock protection.

²⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® USB socket outlet ¹⁾ ²⁾ ³⁾ shuttered With screwless terminals. DP (2 P + E) For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: SCHUKO® socket outlet Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm		
	anthracite	20 EUCBUSB-81	2CKA002011A6158 1
	studio white	20 EUCBUSB-84-500	2CKA002011A6179 1/10
	black matt ⁴⁾	20 EUCBUSB-885	2CKA002011A6165 1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ No data transfer.


³⁾ Use dust cover 2098 when cleaning the device.

⁴⁾ Surface painted.

	Busch-Socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) With eject mechanism. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUCBDR-81	2CKA002013A5415 10
	studio white	20 EUCBDR-84	2CKA002013A5418 10
	black matt ²⁾	20 EUCBDR-885	2CKA002013A5421 10

¹⁾ Increased shock protection.

²⁾ Surface painted.

	SCHUKO® socket outlet steplight® ¹⁾ ²⁾ With night orientation light with separate connection cables for switch contact. with LED, Shuttered. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUCBLI-81	2CKA002013A5459 1
	studio white	20 EUCBLI-84	2CKA002013A5294 1
	black matt ³⁾	20 EUCBLI-885	2CKA002013A5331 1


¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Resistant to aggressive media, e.g. ammonia, benzene, oils, greases, alcohol, cleansing agents, in normal concentrations.

³⁾ Surface painted.


Busch-axcent®

Socket outlets

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

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Surface painted.

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

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Increased shock protection.

³⁾ Surface painted.

 SCHUKO® socket outlet ¹⁾ with marking "EDV" With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20			
anthracite	20 EUKS/DV-81	2CKA002013A5266	10
studio white	20 EUKS/DV-84	2CKA002013A5268	10
black matt ²⁾	20 EUKS/DV-885	2CKA002013A5332	10


¹⁾ Increased shock protection.

²⁾ Surface painted.


 Busch-Protector® SCHUKO® socket outlet ¹⁾ with overvoltage protection DP (2 P + E) With integrated and external signalling contact. 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. Arrestor test class: classification Type 2 Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20			
anthracite	2310 EUGL/VA-81-11	2CKA002011A3830	1
studio white	2310 EUGL/VA-84-11	2CKA002011A3833	1
red RAL 3020	2310 EUGL/VA-12-82-101	2CKA002011A6257	1/10
black matt ²⁾	2310 EUGL/VA-885-11	2CKA002011A3885	1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Surface painted.


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

¹⁾ Surface painted.

 Busch-Object socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Incl. Cover plate with extract mechanism. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20			
anthracite	20 EUAB-81	2CKA002013A5404	10
studio white	20 EUAB-84	2CKA002013A5407	10
black matt ²⁾	20 EUAB-885	2CKA002013A5410	10

¹⁾ Increased shock protection.

²⁾ Surface painted.

 FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) ¹⁾ ²⁾ ³⁾ with earth leakage circuit breaker Shuttered. DP cut off (P,N) Without PE monitoring. With connecting conductor and protection of downstream socket outlets. Rated fault current: 30 mA. With fixing claws. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 20 Temperature range (Device): -25 °C to 40 °C			
anthracite	3120 EUCB-81	2CKA003116A0667	1/10
studio white	3120 EUCB-84	2CKA003116A0662	1
black matt ⁴⁾	3120 EUCB-885	2CKA003116A0671	1/10

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.


²⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

³⁾ Increased shock protection.

⁴⁾ Surface painted.


Busch-axcent®

Socket outlets



Product	Article-No.	Order-No.	Pack/Qty
	Buschmat® FI - Insert 1) with earth leakage breaker with connecting conductor Protection of downstream consumers. Rated fault current: 30 mA. DP cut off (P,N) With fixing claws. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 20 Temperature range (Device): -25 °C to 40 °C		
	anthracite	3151 UC-81	2CKA003117A0009 1/10
	studio white	3151 UC-84	2CKA003117A0006 1/10
	black matt 2)	3151 UC-885	2CKA003117A0013 1/10

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

²⁾ Surface painted.

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


¹⁾ Surface painted.

	SCHUKO® socket outlet 1) with hinged lid and internal increased shock protection Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKB-81	2CKA002018A1517 10/100
	studio white	20 EUKB-84	2CKA002018A1520 10/100
	black matt 2)	20 EUKB-885	2CKA002018A1523 10/100
	anthracite 3)	20 EUKBR-81	2CKA002018A1526 10/100
	studio white 3)	20 EUKBR-84	2CKA002018A1529 10/100
	black matt 2) 3)	20 EUKBR-885	2CKA002018A1531 10/100

¹⁾ Increased shock protection.

²⁾ Surface painted.

³⁾ Without claw.


Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet 1) 2) 3) with hinged lid and labelling field Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNB-81	2CKA002018A1537 10/100
	studio white	20 EUKNB-84	2CKA002018A1540 10/100
	black matt 4)	20 EUKNB-885	2CKA002018A1542 10/100

¹⁾ Increased shock protection.

²⁾ The labels are clamped under the labelling field.


³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

⁴⁾ Surface painted.

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


¹⁾ Increased shock protection.

²⁾ Surface painted.

	SCHUKO® socket outlet 1) with hinged lid and lock Shuttered. With screwless terminals. DP (2 P + E) With evenly engaging lock. Delivery includes 2 keys. Rated voltage: 250 V~, Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNBSL-81-101	2CKA002018A1558 10
	studio white	20 EUKNBSL-84-101	2CKA002018A1564 10
	black matt 2)	20 EUKNBSL-885-101	2CKA002018A1568 10

¹⁾ Increased shock protection.

²⁾ Surface painted.

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

¹⁾ Increased shock protection.


²⁾ The labels are clamped under the labelling field.


³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

⁴⁾ Surface painted.


Busch-axcent®

Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	Double SCHUKO® socket outlets Without claws. With screwless terminals. DP (2 P + E) Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~, Rated current: 16 A		
	studio white	20-02 EUJR-84-503	2CKA002014A1370 10

	Socket outlet ¹⁾ shuttered Without claws. With screw-type terminals. DP Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~, Rated current: 16 A		
	anthracite	2300 UCRKS-81-503	2CKA002113A5339 10
	studio white	2300 UCRKS-84-503	2CKA002113A0511 10
	black matt ²⁾	2300 UCRKS-885-503	2CKA002113A5340 10


¹⁾ Increased shock protection.²⁾ Surface painted.

	13 A Switched socket outlet SP switched 1gang Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122. Rated voltage: 250 V~ Rated current: 13 ABS 1363: part2		
	anthracite	2190 EUC-81	2CKA002190A0216 10/100
	studio white	2190 EUC-84	2CKA002190A0215 10/100
	black matt ¹⁾	2190 EUC-885	2CKA002190A0219 10

¹⁾ Surface painted.


	Socket outlet ¹⁾ ²⁾ with earthing pin With screwless terminals. Shuttered. DP (2 P + E) For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Suitable for the countries like Poland, Czech Republic. Rated voltage: 250 V~ Secondary: 5 V~, +5 % / -5 % Rated frequency: 50 Hz Suitable for: Socket outlet connection Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm		
	anthracite	20 MUCBUSB-81-500	2CKA002017A0893 1
	studio white	20 MUCBUSB-84-500	2CKA002017A0876 1
	black matt ³⁾	20 MUCBUSB-885-500	2CKA002017A0897 1


¹⁾ No data transfer.²⁾ Use dust cover 2098 when cleaning the device.³⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
	Shaver socket outlet For installation into FM 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 20 VA		
	anthracite	2332 UJBS-81	2CKA002130A0297 1


studio white	2332 UJBS-84	2CKA002130A0292	1
black matt ¹⁾	2332 UJBS-885	2CKA002130A0295	1

¹⁾ Surface painted.


	Flush-mounting wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm		
	3030	2CKA001741A0067	4

	Flush-mounting cavity wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm		
	3031	2CKA001741A0068	4

	2gang European/American socket outlet, 10A 2gang With screw-type terminals. SP switched Without claws. Rated voltage: 250 V~, Rated current: 10 A delivery on request		
	anthracite	2192-02 UC-81-500	delivery on request
	studio white	2192-02 UC-84-500	delivery on request

	Socket outlet ¹⁾ with earth pin With screwless terminals. Suitable for the countries: Belgium, Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~, Rated current: 16 A		
	20 M-500	2CKA002017A0854	10/100


¹⁾ Insert can be used for all covers 2399 UCKS-xx.


	Socket outlet cover frame shuttered For socket outlet insert 20 M-500. Rated voltage: 250 V~		
	anthracite	2399 UCKS-81	2CKA002099A0216 10
	studio white	2399 UCKS-84	2CKA002099A0214 10
	black matt ¹⁾	2399 UCKS-885	2CKA002099A0256 10/100

¹⁾ Surface painted.

Busch-axcent®


Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 <p>Socket outlet with earthing pin With screwless terminals. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>			
	studio white	20 MUC-84-500	2CKA002017A0786 10/100


 <p>Socket outlet ¹⁾ with earth. pin/increased shock protection With screwless terminals. Shuttered. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>			
	anthracite	20 MUCKS-81-500	2CKA002017A0898 10
	studio white	20 MUCKS-84-500	2CKA002017A0807 10
	black matt ²⁾	20 MUCKS-885-500	2CKA002017A0902 10


¹⁾ Socket outlet with integrated child protection. Replaces the usual term "...with child protection".

²⁾ Surface painted.


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

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

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


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

¹⁾ Usage may be restricted in certain countries.

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


Busch-axcent®


Data communication

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


¹⁾ Suitable for cover plate 1803-xxx.

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

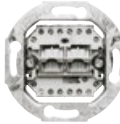
	Reset magnet For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings. Protection class (Device): IP 20		
	8186/11-500	2CKA008100A0361	1

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


¹⁾ Suitable for cover plate 1803-xxx.

	Universal data connection box with down-leading outlet ¹⁾ 2gang internally parallel connected With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0214	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		

¹⁾ Suitable for cover plate 1803-02-xxx.

Product	Article-No.	Order-No.	Pack/Qty
	Universal data connection box with down-leading outlet ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0215	2CKA000230A0243	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		





¹⁾ Suitable for cover plate 1803-02-xxx.





	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang 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 wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20		
	0218/11-101	2CKA000230A0409	1/10

¹⁾ Suitable for cover plate 1803-xxx.

Busch-axcent®






Data communication





Product	Article-No.	Order-No.	Pack/Qty
 <p>Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 2 x outlets, 8/8-pole 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</p>	0218/12-101	2CKA000230A0411	1/10
¹⁾ Suitable for cover plate 1803-02-xxx.			
 <p>Universal data connection box 8(6)/ telephone unit 6F+N - connection box ¹⁾ 2 x 6-pole 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>	UAE 8(6)TAE 6 F+N	2CKA000230A0381	10/100
¹⁾ Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.			
 <p>Satellite co-axial outlets 2 connectors/dead-end feeder 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>	0230-101	2CKA000230A0250	10/100
 <p>Antenna socket insert Radio/TV 2 connectors/loop through type 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>	0231-101	2CKA000230A0268	10/100

Product	Article-No.	Order-No.	Pack/Qty
 <p>Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder 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>	0232-101-500	2CKA000230A0463	10/100
 <p>Terminating resistor 75 Ohm Protection class (Device): IP 20</p>	0239	2CKA000230A0201	10/100
 <p>Mounting plate ¹⁾ ²⁾ with green insert 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</p>	1810-500	2CKA001753A9974	10/100
¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.			
²⁾ For further information, please refer on the Internet.			
 <p>Mounting plate ¹⁾ ²⁾ with red insert 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</p>	1812-500	2CKA001753A9972	10/100
¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.			
²⁾ For further information, please refer on the Internet.			

Busch-axcent®


Data communication


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


Product	Article-No.	Order-No.	Pack/Qty
	Channel assembly adapter For the accommodation of one or two universal modules 0219. For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	0219/13	2CKA000230A0396	1/10
	Universal module, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang For installation in installation adapter 0219/12 or 0219/13. Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. 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. Cat. 6A 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. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Bend-radius optimised cable feed (30°). Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. 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 For data cables with a diameter of 6 -10 mm. For wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20		
	0219-101	2CKA000230A0413	1/10
¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.			
	Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0210	2CKA000225A0078	10
	Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0211	2CKA000225A0086	10

Busch-axcent®


Data communication

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

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


 Blank plate with metal mounting plate Protection class (Device): IP 20			
anthracite	1742-81	2CKA001710A3612	10
studio white	1742-84-500	2CKA001710A3991	10/100
black matt ¹⁾	1742-885	2CKA001710A3895	10

¹⁾ Surface painted.

 Cover plate ¹⁾ with flex outlet As cover for flex outlet, for cords up to 10.3 mm diameter. With strain relief (without terminal block). Protection class (Device): IP 20			
anthracite	1749-81	2CKA001710A3614	10
studio white	1749-84	2CKA001710A3163	10/100
black matt ²⁾	1749-885	2CKA001710A3900	10


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

²⁾ Surface painted.

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ 2gang As cover for universal data connection boxes. 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). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20			
anthracite	1803-02-81	2CKA001710A3615	10
studio white	1803-02-84-500	2CKA001710A1551	10/100
black matt ²⁾	1803-02-885	2CKA001710A3911	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Surface painted.

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

¹⁾ Surface painted.

 Cover plate As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Protection class (Device): IP 20			
anthracite	1745-81	2CKA001710A3624	10
studio white	1745-84	2CKA001710A3173	10
black matt ¹⁾	1745-885	2CKA001710A3896	10

¹⁾ Surface painted.


 Cover plate ¹⁾ socket outlet Telephone socket (TDO)			
anthracite	1762-81-506	2CKA001710A4103	10/100
studio white	1762-84-506	2CKA001710A4106	10/100
black matt ²⁾	1762-885-506	2CKA001710A4109	10/100

¹⁾ Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).

²⁾ Surface painted.

Busch-axcent®


Data communication

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


¹⁾ Third opening can be knocked out.

²⁾ See inserts for satellite coaxial socket outlets.


³⁾ Surface painted.

 Cover plate As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann. Protection class (Device): IP 20			
anthracite	1743-04-81	2CKA001724A4374	10
studio white	1743-04-84	2CKA001724A4377	10
black matt ¹⁾	1743-04-885	2CKA001724A4380	10

¹⁾ Surface painted.


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

¹⁾ Surface painted.


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

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Surface painted.

 Cover plate modular jack, For 1 modular jack. Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws. Protection class (Device): IP 20			
anthracite	2561-81	2CKA001753A0400	10
studio white	2561-84	2CKA001753A0403	10
black matt ¹⁾	2561-885	2CKA001753A0406	10


¹⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate modular jack, For 2 modular jack inserts. Suitable for Art. No. 0210 and 0211. Without claws. Protection class (Device): IP 20			
anthracite	2561-02-81	2CKA001753A0317	10
studio white	2561-02-84	2CKA001753A0394	10
black matt ¹⁾	2561-02-885	2CKA001753A0397	10

¹⁾ Surface painted.


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

¹⁾ Surface painted.

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

 Intermediate ring Busch-balance® SI For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate. Protection class (Device): IP 20			
anthracite	1747 BSI-81	2CKA001710A4093	10
studio white	1747 BSI-84	2CKA001710A4096	10/100
black matt ¹⁾	1747 BSI-885	2CKA001710A4099	10


¹⁾ Surface painted.

 Cover plate With hinged lid. For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.			
anthracite	1746-81	2CKA001710A3618	10
studio white	1746-84	2CKA001710A3167	10
black matt ¹⁾	1746-885	2CKA001710A3898	10

¹⁾ Surface painted.


Busch-axcent®

Data communication


Product	Article-No.	Order-No.	Pack/Qty
 Intermediate ring with hinged lid ¹⁾ Busch-balance® SI For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate. With sealing ring. With hinged lid. Protection class (Device): IP 44			
anthracite	2518-WD-81	2CKA001719A0217	10
studio white	2518-WD-84	2CKA001719A0220	10
black matt ²⁾	2518-WD-885	2CKA001719A0223	10

¹⁾ Combinable only with covers for flush-mounted inserts


²⁾ Surface painted.

 XLR centre plate As cover for Neutrik plug connectors, type D series. Without claws. Protection class (Device): IP 20			
anthracite	2553-81	2CKA001724A4399	10
studio white	2553-84	2CKA001724A4402	10
black matt ¹⁾	2553-885	2CKA001724A4405	10


¹⁾ Surface painted.

 Cover plate with metal mounting plate 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. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20			
anthracite	1748-81	2CKA001710A3654	10
studio white	1748-84	2CKA001710A3656	10
black matt ¹⁾	1748-885	2CKA001710A3899	10


¹⁾ Surface painted.

 Cover plate with metal mounting plate As cover for BNC and TNC sockets. Knock-out openings 6, 8, 18 mm. Protection class (Device): IP 20			
anthracite	1750-81	2CKA001710A3617	10
studio white	1750-84	2CKA001710A3166	10
black matt ¹⁾	1750-885	2CKA001710A3901	10


¹⁾ Surface painted.

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

¹⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate with metal mounting plate With screw-type terminal. Fixed with central locknut. As cover for pilot devices with a diameter of 22.5 mm Without claws. Protection class (Device): IP 20			
anthracite	2533-81	2CKA001724A4254	10
studio white	2533-84	2CKA001724A4256	10
black matt ¹⁾	2533-885	2CKA001724A4301	10

¹⁾ Surface painted.

 Cover plate ¹⁾ with metal mounting plate for communication devices. With labelling field 60.2 x 10.2 mm. Without claws. Protection class (Device): IP 20			
anthracite	1758-81	2CKA001724A4253	10
studio white	1758-84	2CKA001724A2761	10/100
black matt ²⁾	1758-885	2CKA001724A4299	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Surface painted.

 Cover plate For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.			
anthracite	6478-81-500	2CKA006400A0013	1
studio white	6478-84-500	2CKA006400A0019	1
black matt ¹⁾	6478-885-500	2CKA006400A0029	1

¹⁾ Surface painted.

Busch-axcent®

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Busch-DigitalRadio ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ RDS stereo radio alarm clock for flush-mounted installation. Reception frequency: 87.50 MHz - 108.00 MHz. With display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time display. With alarm 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. Rated voltage: 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: 34 mm		
	8215 U-500	2CKA008200A0182	1/10


¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ 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
	Busch-Radio iNet ¹⁾ ²⁾ ³⁾ ⁴⁾ 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		
	8216 U-500	2CKA008200A0153	1/10



¹⁾ No claw. Screw-fixing via keyholes.



²⁾ Matching loudspeaker insert 8223 U.

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

⁴⁾ 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>Busch-Radio BTconnect ¹⁾ ²⁾ ³⁾ ⁴⁾ RDS stereo radio alarm clock for flush-mounted installation. With Bluetooth interface for music replay of mobile devices. Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time and date display. With alarm clock and snooze function. With short-time timer. 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: 2.1 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 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 47 mm Mounting depth: 32 mm</p>  <p>8217 U-500</p>		2CKA008200A0194	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).


 <p>Busch Bluetooth receiver ¹⁾ ²⁾ ³⁾ ⁴⁾ Bluetooth interface for music replay of mobile devices. With integrated amplifier. With external AUX input. For mono/stereo operation. Can be combined with the MDRC amplifier 8208. Admissible loudspeaker impedance: 4 - 16 Ohm Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.0 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 Display elements: LED for status display. 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 45 mm Mounting depth: 32 mm</p>  <p>8219 U</p>		2CKA008200A0198	1/10
---	--	-----------------	------

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

Product	Article-No.	Order-No.	Pack/Qty
 <p>Loudspeaker insert ¹⁾ 5 cm (2") For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U. For Busch Bluetooth receiver 8219 U. With broadband characteristics. With flat plug connector. Incl. speaker connection cable. Rated output: 2 W (RMS) Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm Protection class (Device): IP 20, SELV Mounting depth: 32 mm</p> <p>8223 U-500</p>		2CKA008200A0183	1/10

¹⁾ No claw. Screw-fixing via keyholes.


 <p>Busch-powerDock Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ 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> <p>6473 U-500</p>		2CKA006400A0039	1/10
---	--	-----------------	------

¹⁾ No claw. Screw-fixing via keyholes.

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

³⁾ 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.


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


 <p>Busch-powerDock Charging cradle with Apple lightning connection ¹⁾ For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with lightning connection. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7. For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm</p> <p>6473-500</p>		2CKA006400A0081	1/10
---	--	-----------------	------

¹⁾ Not released for use with the iPad.

Busch-axcent®

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Busch-powerDock Charging cradle with USB-C connection For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm		
	6473/11-500	2CKA006400A0083	1/10


	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used: Rated current: 1400 mA Suitable for: In case two output are used: Rated current: 700 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm Mounting depth: 32 mm		
	6472 U-500	2CKA006400A0002	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

⁴⁾ Use dust cover 2098 when cleaning the device.


	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used: Rated current: 3 A Suitable for: In case two output are used: Rated current: 1.500 mA 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 Available from November 2019		
	6472 U-500-101	2CKA006400A0094	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.


⁴⁾ Use dust cover 2098 when cleaning the device.

Product	Article-No.	Order-No.	Pack/Qty
	USB charging station insert ¹⁾ ²⁾ ³⁾ For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm Mounting depth: 32 mm		
	6474 U-500	2CKA006400A0033	1/10

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

	HDMI connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		
	white	0261/31-500	2CKA000230A0430 1

grey	0261/33-500	2CKA000230A0432 1
alpine white	0261/32-500	2CKA000230A0431 1

¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.



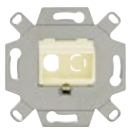
	VGA connection unit ¹⁾ with screw-type terminals and strain relief Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To link analogue video data between PCs and laptops to monitors or digital projectors etc. VGA-type: D-type, 15-pole. Fully HD ready (1920 x 1080 pixel). For 15-wire VGA-cables via screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		
	white	0261/21-500	2CKA000230A0424 1





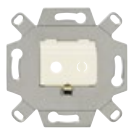

grey	0261/23-500	2CKA000230A0426 1
alpine white	0261/22-500	2CKA000230A0425 1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

Busch-axcent®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 <p>USB connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	white	0261/11-500	2CKA000230A0418 1
	grey	0261/13-500	2CKA000230A0420 1
	alpine white	0261/12-500	2CKA000230A0419 1
	¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.		
 <p>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</p>	white	0262/11-500	2CKA000230A0436 1
	grey	0262/13-500	2CKA000230A0438 1
	alpine white	0262/12-500	2CKA000230A0437 1
 <p>F duct-jack for communication adapter For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20</p>	metal clad	0262-500	2CKA000230A0440 1
 <p>Communication adapter for Cinch-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</p>	white	0263/11-500	2CKA000230A0444 1
	grey	0263/13-500	2CKA000230A0446 1
	alpine white	0263/12-500	2CKA000230A0445 1


Product	Article-No.	Order-No.	Pack/Qty
 <p>Cinch-jacks for communication adapter 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</p>	alpine white	0263/04-500	2CKA000230A0451 1
 <p>Cinch-jacks for communication adapter 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</p>	black	0263/05-500	2CKA000230A0452 1
 <p>Cinch-jacks for communication adapter 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</p>	Red	0263/06-500	2CKA000230A0453 1
 <p>Cinch-jacks for communication adapter 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</p>	yellow	0263/07-500	2CKA000230A0454 1
 <p>Communication adapter for Mini-jacks 3,5mm. 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</p>	white	0264/11-500	2CKA000230A0458 1
	grey	0264/13-500	2CKA000230A0460 1
	alpine white	0264/12-500	2CKA000230A0459 1
 <p>Mini-jack 3,5 mm for communication adapter 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</p>	chrome gloss	0264-500	2CKA000230A0462 1

Busch-axcent®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
white	0248/02-101	2CKA000230A0402	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
alpine white	0248/04-101-500	2CKA000230A0464	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
anthracite	0248/05-101	2CKA000230A0404	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

 Cover plate For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U.			
anthracite	8252-81	2CKA008200A0050	10
studio white	8252-84	2CKA008200A0053	10
black matt ¹⁾	8252-885	2CKA008200A0125	10

¹⁾ Surface painted.


 Cover plate For loudspeaker insert 8223 U.			
anthracite	8253-81	2CKA008200A0078	1/10
studio white	8253-84	2CKA008200A0081	1/10
black matt ¹⁾	8253-885	2CKA008200A0126	1/10

¹⁾ Surface painted.


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

anthracite	1766-81	2CKA001710A3613	10
studio white	1766-84-500	2CKA001710A3992	10/100
black matt ¹⁾	1766-885	2CKA001710A3903	10


¹⁾ Surface painted.

 Cover plate with metal mounting plate With fixing claws. loudspeaker inserts and cover. Conductor cross-sections up to 4 mm ² rigid. With screw-type terminals. Protection class (Device): IP 20			
anthracite	1751-81	2CKA001723A0253	10
studio white	1751-84	2CKA001723A0240	10/100
black matt ¹⁾	1751-885	2CKA001723A0259	10


¹⁾ Surface painted.

 Cover plate with rotary control, with marking As a cover for volume controllers. Suitable for the "LR 15 mono BJ UP" devices of WHD. Protection class (Device): IP 20			
anthracite	1740 DR/03-81	2CKA001710A4120	10
studio white	1740 DR/03-84	2CKA001710A3808	10
black matt ¹⁾	1740 DR/03-885	2CKA001710A3892	10

¹⁾ Surface painted.

 Cover plate For Busch Bluetooth receiver 8219 U.			
anthracite	8255-81	2CKA008200A0211	1
studio white	8255-84	2CKA008200A0214	1/10
black matt ¹⁾	8255-885	2CKA008200A0218	1


¹⁾ Surface painted.

 Cover plate for Busch-powerDock For Busch-powerDock charging cradle.			
anthracite	6477-81	2CKA006400A0056	10
studio white	6477-84	2CKA006400A0059	10/100
black matt ¹⁾	6477-885	2CKA006400A0063	10

¹⁾ Surface painted.


Busch-axcent®

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.		
	anthracite	6478-81-500	2CKA006400A0013 1
	studio white	6478-84-500	2CKA006400A0019 1
	black matt ¹⁾	6478-885-500	2CKA006400A0029 1

¹⁾ Surface painted.

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 U-500	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.

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Slide switch 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. 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: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1095 U-500	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.


¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.


Busch-axcent®

Room thermostats


Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted 1) 2) 3) Sliding switch, 24 V 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. 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1096 U	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.		

- ¹⁾ 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)
- ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.
- ³⁾ Switching temperature difference: ± 0.5 K.


	Room thermostat, flush-mounted 1) 2) 3) 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 °CEN 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.		
¹⁾ 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)			
²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.			
³⁾ Switching temperature difference: ± 0.5 K.			


	Room thermostat, flush-mounted 1) 2) 3) Actual value indication With actual value temperature display. Automatic controller calibration. Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 UTA	2CKA001032A0487	1/10

- ¹⁾ 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)
- ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g. Article No. 6164/10-, see KNX chapter.
- ³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1095 UTA	2CKA001032A0488	1/10

- ¹⁾ 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)
- ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g. Article No. 6164/10-, see KNX chapter.
- ³⁾ Switching temperature difference: ± 0.5 K.


	Room thermostat, flush-mounted 1) 2) 3) 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1096 UTA	2CKA001032A0489	1/10
¹⁾ 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)			
²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10.			
³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted 1) 2) 3) 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 AEN 60730-2-9, British Standard EN 60669-2-1		
	1097 UTA	2CKA001032A0490	1/10

- ¹⁾ 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)
- ²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.
- ³⁾ Switching temperature difference: ± 0.5 K.

Busch-axcent®


Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted 1) 2) 3) 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 °CEN 60730-2-9</p>	1098 U-101	2CKA001032A0508	1/10


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.


 <p>Room thermostat, flush-mounted 1) 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: 1mm² to 2.5 mm² 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 1EN 60730-2-9, British Standard EN 60669-2-1</p>	1095 UF	2CKA001032A0497	1/10
---	----------------	-----------------	------

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted 1) 2) 3) Change-over contact, setpoint indication, timer, remote sensor 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 Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. 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: 16 A Temperature range (Device): 10 °C to 50 °CEN 60730-2-9</p>	1098 UF-101	2CKA001032A0509	1/10

¹⁾ 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)


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

 <p>Room thermostat, flush-mounted 1) 2) 3) Heating/cooling 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1099 UHK	2CKA001032A0515	1/10
---	-----------------	-----------------	------

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

 <p>Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1099 UHKEA	2CKA001032A0516	1/10
---	-------------------	-----------------	------


¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

Busch-axcent®


Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate for room thermostat For room thermostats 1094 U, 1097 U.			
anthracite	1794-81	2CKA001710A3629	10
studio white	1794-84	2CKA001710A3544	10
black matt ¹⁾	1794-885	2CKA001710A3907	10


¹⁾ Surface painted.

 Cover plate for room thermostat 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	1795-81	2CKA001710A3630	10
studio white	1795-84	2CKA001710A3569	10
black matt ¹⁾	1795-885	2CKA001710A3909	10


¹⁾ Surface painted.

 Cover plate for room thermostat For room thermostats 1094 UTA, 1097 UTA.			
studio white	1794 TA-84	2CKA001710A3698	10
anthracite	1794 TA-81	2CKA001710A3695	10
black matt ¹⁾	1794 TA-885	2CKA001710A3906	10


¹⁾ Surface painted.

 Cover plate for room thermostat With sliding switch for nightly room temperature reduction. For room thermostats 1095 UTA, 1096 UTA.			
studio white	1795 TA-84	2CKA001710A3725	10
studio white	1795 TA-84	2CKA001710A3725	10
black matt ¹⁾	1795 TA-885	2CKA001710A3908	10


¹⁾ Surface painted.

 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. For Busch-CO2 sensor 1091 U-500.			
anthracite	6435-81	2CKA006430A0303	10
studio white	6435-84	2CKA006430A0306	10
black matt ¹⁾	6435-885	2CKA006430A0389	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate for room thermostat For room temperature controller 1099 UHK.			
anthracite	1795 HK-81	2CKA001710A4013	10
studio white	1795 HK-84	2CKA001710A4017	10
black matt ¹⁾	1795 HK-885	2CKA001710A4020	10


¹⁾ Surface painted.

 Cover plate for room thermostat For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating.			
anthracite	1795 HKEA-81	2CKA001710A4045	10
studio white	1795 HKEA-84	2CKA001710A4049	10
black matt ¹⁾	1795 HKEA-885	2CKA001710A4052	10

¹⁾ Surface painted.

Busch-axcent®


LED light

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ ²⁾ As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm. Protection class (Device): IP 20			
anthracite	1716-81	2CKA001731A1921	1
studio white	1716-84	2CKA001731A1923	1
black matt ³⁾	1716-885	2CKA001731A1980	1


¹⁾ Included with the cover are 46 different text labels and symbols.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


³⁾ Surface painted.

 Cover plate for indication lamp For insert 2061/2661 U. As cover for flush-mounted light signal. Protection class (Device): IP 20			
anthracite	1756-81	2CKA001753A0089	10
studio white	1756-84	2CKA001753A0092	10
black matt ¹⁾	1756-885	2CKA001753A0252	10

¹⁾ Surface painted.


 Cap for indication lamp For indication lamps. Protection class (Device): IP 20			
clear-transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
 Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 1-channel 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. For LED display WaveLINE 6730-xxx. 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			
studio white	6731-84-500	2CKA006730A0038	1/10

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.



 Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 2-channel 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. For LED display WaveLINE 6730-xxx. 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			
studio white	6732-84-500	2CKA006730A0039	1/10

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.





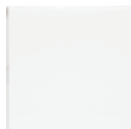
Busch-axcent®

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 4-channel 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. For LED display WaveLINE 6730-xxx. 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		
	studio white	6733-84-500	2CKA006730A0040 1/10
¹⁾ Battery included in delivery. ²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	WaveLINE LED display ¹⁾ For status display of window handle positions: open = red, closed = green, tilted = yellow. Direct onsite operation possible for switching / dimming an electrical device depending on the flush-mounted insert. 4 individual LED display channels. Up to 8 WaveLine transmitters can be taught-in on each LED display channel. Up to 8 WaveLine transmitters can be taught-in on onsite operation. After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state. Status display for depleted WaveLINE transmitter battery. Status display for faulty transmission link and defective WaveLINE transmitter. User-friendly start-up without PC / software. Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x. For WaveLINE 6721-xx universal signalling unit. For Busch-Watchdog 220 WaveLINE 6747 AGM. For Busch-Universal relay switch insert 6404 U. For universal dimmer switch insert 6595 U. Free-field range: approx. 100 m. Send/receive frequency: 868 MHz. Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 63 mm x 63 mm		
	studio white	6730-84	2CKA006730A0017 1

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Busch-Infoline®

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ ²⁾ 1gang, with labelling field With operating knob. For signal/cancel push-button 1520/1 UK. For monitoring unit 1511 U. For Busch-Leakage guard insert 1531 U. With labelling field 61 x 20 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1571 CN-84	2CKA001582A0346 10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.			
	Cover plate ¹⁾ ²⁾ 2gang, with labelling field With operating knob. For signal push-button insert 1520/1 UKZ. With labelling field 61 x 20 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1572 CN-84	2CKA001582A0348 10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.			
	Cover plate ¹⁾ ²⁾ with red and neutral light panel and labelling field For Alarm Control Unit insert 1515 U-12. For Busch-Alarm signal insert 1563 U-12. For indication lamp insert 1564 U-1x. With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1573 CN-84	2CKA001582A0350 10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.			
	Cover plate ¹⁾ ²⁾ 6gang, illuminable, with labelling field For signal panel insert 1566 U. With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1575 CN-84	2CKA001582A0353 10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.			
	Cover plate ¹⁾ ²⁾ with labelling field For power supply insert 1518 U. For relay insert 1539 U. For signal generator insert 1561 U-.... With labelling field 61 x 61 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm		
	studio white	1576 CN-84	2CKA001582A0355 10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com . ²⁾ Can also be used for Busch-axcent®, solo®, and carat®.			

Busch-axcent®

Accessories

Product	Article-No.	Order-No.	Pack/Qty
	Mounting set Busch-axcent® flat 1) 2) 3) 4) For flat flush-mounted installation, stonework Suitable for cover frame Busch-axcent® flat. Suitable for Busch-axcent® frames without carrier. Set consists of a flush-mounted box for brickwork 3040. With plastering moulding tool and positioning device. With integrated RFID-chip for easy detection. With vertically adjustable rotary ring. With Torx/slotted screws. With variable basement depth. Mounting boxes are combinable directly. With flex knockouts for cables or pipes. The boxes need to be plastered. Hole size : 82 mm Protection class (Device): IP 20		
	1gang 3048/10 2CKA001740A0061 1		
	2gang 3048/20 2CKA001740A0062 1		
	3gang 3048/30 2CKA001740A0063 1		
	4gang 3048/40 2CKA001740A0064 1		
	5gang 3048/50 2CKA001740A0065 1		

¹⁾ Not suitable for Busch-axcent® white glass.

²⁾ Carrier needs to remove from Busch-axcent® cover frame.

³⁾ RFID = Radio Frequency IDentification

⁴⁾ Not suitable for fixing claws.

	Mounting set Busch-axcent® flat 1) 2) For flat flush-mounted installation, hollow wall Suitable for cover frame Busch-axcent® flat. Suitable for Busch-axcent® frames without carrier. For double planking. Set consists of a flush-mounted box for cavity walls 3050. With positioning device and adapter rings. Suitable for drywalls and plasterboards for 9,5 mm, 10 mm and 12,5 mm. With Torx/slotted screws. Mounting boxes are combinable directly. With flex knockouts for cables or pipes. Fast installation via cable strap latches. A 74 mm diameter moulding cutter with countersink is needed. Hole size : 74 mm Protection class (Device): IP 20		
	1gang 3058/10 2CKA001740A0072 1		
	2gang 3058/20 2CKA001740A0073 1		
	3gang 3058/30 2CKA001740A0074 1		
	4gang 3058/40 2CKA001740A0075 1		
	5gang 3058/50 2CKA001740A0076 1		

¹⁾ Not suitable for Busch-axcent® white glass.

²⁾ Carrier needs to remove from Busch-axcent® cover frame.

Product	Article-No.	Order-No.	Pack/Qty
	Mounting set Busch-axcent® flat 1) 2) For flat flush-mounted installation, concrete construction Suitable for cover frame Busch-axcent® flat. Suitable for Busch-axcent® frames without carrier. Suitable for prefabricated and in-situ concrete directly onto the formwork. Set consists of a flush-mounted box for concrete walls 3060. Delivered with a lid with distance positioning device. Fixing exclusively and directly to formwork by nailing or hot gluing. With Torx/slotted screws. Mounting boxes are combinable directly. With flex knockouts for pipes. Protection class (Device): IP 20		
	1gang 3068/10 2CKA001740A0083 1		
	2gang 3068/20 2CKA001740A0084 1		
	3gang 3068/30 2CKA001740A0085 1		
	4gang 3068/40 2CKA001740A0086 1		
	5gang 3068/50 2CKA001740A0087 1		

¹⁾ Not suitable for Busch-axcent® white glass.

²⁾ Carrier needs to remove from Busch-axcent® cover frame.

	RFID-Detector 1) To recover of RFID-chips. Power supply: 9V alkaline cell (included in delivery). Protection class (Device): IP 20		
	3049	2CKA001740A0070	1

¹⁾ RFID = Radio Frequency IDentification





	Compensation rings for flush-mounted boxes For additional compensation for too deep mounted flush-mounted boxes. Adjustment height: 2,6 mm Protection class (Device): IP 20		
	3057	2CKA001740A0081	10

	Extension of claws 1) For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes. Protection class (Device): IP 20		
	2148	2CKA002148A0120	100



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

Busch-axcent®

Accessories

Product	Article-No.	Order-No.	Pack/Qty
	Braille symbol self-adhesive (transparent) for cover 2506-xxx Protection class (Device): IP 20		
	light		
	2144 LI	2CKA001714A0295	10/1000
	bell		
	2144 KI	2CKA001714A0296	10/1000
	key		
	2144 TR	2CKA001714A0297	10/1000
	Braille symbol socket outlet self-adhesive, transparent for SCHUKO® socket outlets with hinged lid 20 EUK-xxx Protection class (Device): IP 20		
	2144 ST	2CKA001714A0298	10/1000
	DIN A 4 labelling sheet ¹⁾ plastic foil Suitable for all to be labeled Busch-Jaeger devices. For laser printer. The text of the foil is printed via the Busch-Jaeger labeling service.		
	translucent	1799/02	2CKA001799A0959 1
	transparent	1799/03	2CKA001799A0960 1
¹⁾ 1 piece = 1 sheet.			
	RC suppressor For protection against the damage or destruction of electronic devices due to overvoltages. 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. Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz		
	6899	2CKA006899A0231	10


Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 1gang frame Protection class (Device): IP 20		
	platinum ¹⁾	1721-270-500	2CKA001754A4688 1
	black matt ¹⁾	1721-275-500	2CKA001754A4708 1
	titanium ¹⁾	1721-276-500	2CKA001754A4698 1
	white glass	1721-280	2CKA001754A4437 1
	black	1721-281	2CKA001754A4409 10
	Brown glass	1721-283	2CKA001754A4543 1
	studio white	1721-284	2CKA001754A4331 10
	yellow	1721-285	2CKA001754A4334 10
	green	1721-286	2CKA001754A4337 10
	Red	1721-287	2CKA001754A4340 10
	blue	1721-288	2CKA001754A4343 10
	entrée-grey	1721-291-500	2CKA001754A4471 10/100
	château-black	1721-295-500	2CKA001754A4491 10/100
	maison-beige	1721-299-500	2CKA001754A4481 10/100
¹⁾ Real metal surface.			
	Cover frame 2gang frame For vertical or horizontal installation. Protection class (Device): IP 20		
	platinum ¹⁾	1722-270-500	2CKA001754A4689 1
	black matt ¹⁾	1722-275-500	2CKA001754A4709 1
	titanium ¹⁾	1722-276-500	2CKA001754A4699 1
	white glass	1722-280	2CKA001754A4438 1
	black	1722-281	2CKA001754A4410 10
	Brown glass	1722-283	2CKA001754A4544 1
	studio white	1722-284	2CKA001754A4332 10
	yellow	1722-285	2CKA001754A4335 10
	green	1722-286	2CKA001754A4338 10
	Red	1722-287	2CKA001754A4341 10
	blue	1722-288	2CKA001754A4344 10
	entrée-grey	1722-291-500	2CKA001754A4472 10/100
	château-black	1722-295-500	2CKA001754A4492 10/100
	maison-beige	1722-299-500	2CKA001754A4482 10/100


¹⁾ Real metal surface.

Busch-axcent®


Cover frames

Product	Article-No.	Order-No.	Pack/Qty
 Cover frame 3gang frame For vertical or horizontal installation. Protection class (Device): IP 20			
	platinum ¹⁾	1723-270-500	2CKA001754A4690 1
	black matt ¹⁾	1723-275-500	2CKA001754A4710 1
	titanium ¹⁾	1723-276-500	2CKA001754A4700 1
	white glass	1723-280	2CKA001754A4439 1
	black	1723-281	2CKA001754A4411 10
	Brown glass	1723-283	2CKA001754A4545 1
	studio white	1723-284	2CKA001754A4333 10
	yellow	1723-285	2CKA001754A4336 10
	green	1723-286	2CKA001754A4339 10
	Red	1723-287	2CKA001754A4342 10
	blue	1723-288	2CKA001754A4345 10
	entrée-grey	1723-291-500	2CKA001754A4473 10
	château-black	1723-295-500	2CKA001754A4493 10
	maison-beige	1723-299-500	2CKA001754A4483 10

¹⁾ Real metal surface.

Product	Article-No.	Order-No.	Pack/Qty
 Cover frame 5gang frame For vertical or horizontal installation. Protection class (Device): IP 20			
	platinum ¹⁾	1725-270-500	2CKA001754A4692 1
	black matt ¹⁾	1725-275-500	2CKA001754A4712 1
	titanium ¹⁾	1725-276-500	2CKA001754A4702 1
	white glass	1725-280	2CKA001754A4441 1
	black	1725-281	2CKA001754A4413 1
	Brown glass	1725-283	2CKA001754A4547 1
	studio white	1725-284	2CKA001754A4347 1
	yellow	1725-285	2CKA001754A4349 1
	green	1725-286	2CKA001754A4351 1
	Red	1725-287	2CKA001754A4353 1
	blue	1725-288	2CKA001754A4355 1
	entrée-grey	1725-291-500	2CKA001754A4475 1
	château-black	1725-295-500	2CKA001754A4495 1
	maison-beige	1725-299-500	2CKA001754A4485 1

¹⁾ Real metal surface.

 Cover frame 4gang frame For vertical or horizontal installation. Protection class (Device): IP 20			
	platinum ¹⁾	1724-270-500	2CKA001754A4691 1
	black matt ¹⁾	1724-275-500	2CKA001754A4711 1
	titanium ¹⁾	1724-276-500	2CKA001754A4701 1
	white glass	1724-280	2CKA001754A4440 1
	black	1724-281	2CKA001754A4412 1
	Brown glass	1724-283	2CKA001754A4546 1
	studio white	1724-284	2CKA001754A4346 1
	yellow	1724-285	2CKA001754A4348 1
	green	1724-286	2CKA001754A4350 1
	Red	1724-287	2CKA001754A4352 1
	blue	1724-288	2CKA001754A4354 1
	entrée-grey	1724-291-500	2CKA001754A4474 1
	château-black	1724-295-500	2CKA001754A4494 1
	maison-beige	1724-299-500	2CKA001754A4484 1

¹⁾ Real metal surface.

Busch-axcent® flat

Cover frames

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



Cover frame Busch-axcent® flat

1gang frame

For flat flush mounting.
Only suitable with Busch-axcent® flat mounting set.
Without carrier.
Protection class (Device): IP 20

black	1721-281/11	2CKA001753A4126	10
studio white	1721-284/11	2CKA001753A4121	10



Cover frame Busch-axcent® flat

2gang frame

For flat flush mounting.
Only suitable with Busch-axcent® flat mounting set.
For vertical or horizontal installation.
Protection class (Device): IP 20

black	1722-281/11	2CKA001753A4127	10
studio white	1722-284/11	2CKA001753A4122	10



Cover frame Busch-axcent® flat

3gang frame

For flat flush mounting.
Only suitable with Busch-axcent® flat mounting set.
For vertical or horizontal installation.
Protection class (Device): IP 20

black	1723-281/11	2CKA001753A4128	10
studio white	1723-284/11	2CKA001753A4123	10



Cover frame Busch-axcent® flat

4gang frame

For flat flush mounting.
Only suitable with Busch-axcent® flat mounting set.
For vertical or horizontal installation.
Protection class (Device): IP 20

black	1724-281/11	2CKA001753A4129	1
studio white	1724-284/11	2CKA001753A4124	1



Cover frame Busch-axcent® flat

5gang frame

For flat flush mounting.
Only suitable with Busch-axcent® flat mounting set.
For vertical or horizontal installation.
Protection class (Device): IP 20

black	1725-281/11	2CKA001753A4130	1
studio white	1725-284/11	2CKA001753A4125	1

future® 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*

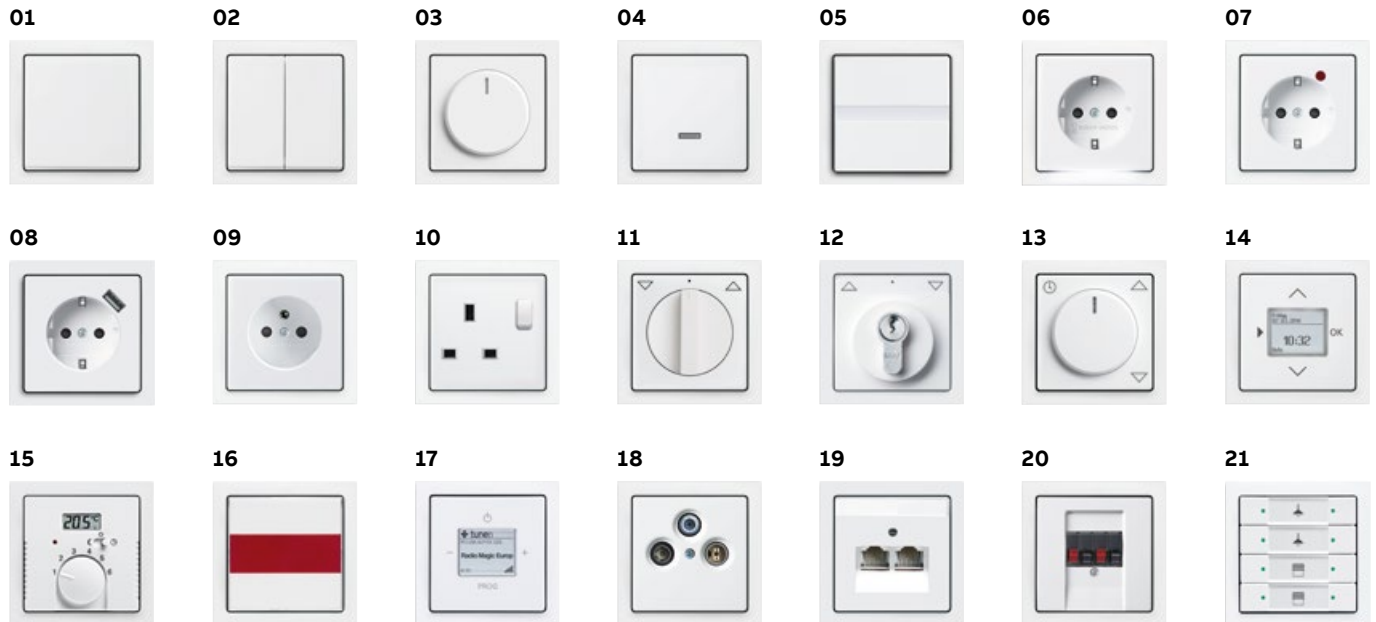
Materials

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.

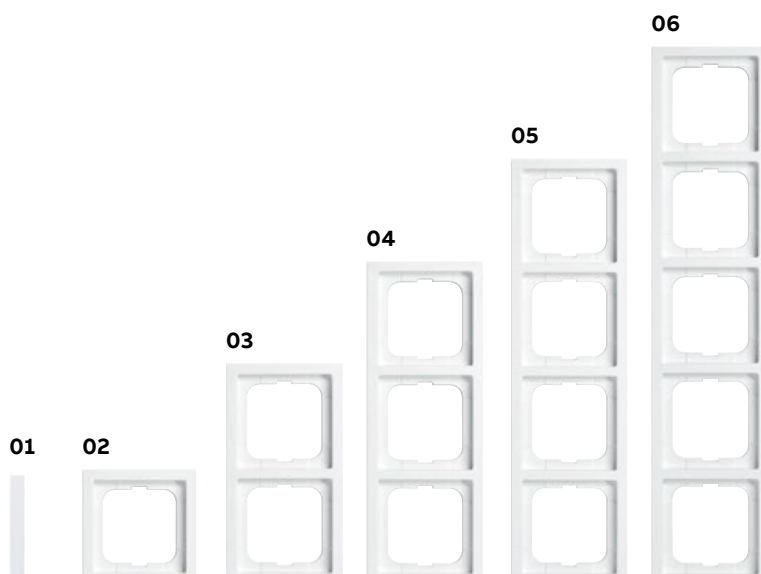
future® linear

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
- 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-AudioWorld® Busch-Radio iNet
- 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



06

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



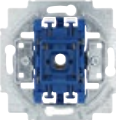
Cover frames for both horizontal and vertical installation in 1-4gang, are also available with labelling field.
Colour: studio white



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

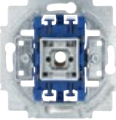
future® linear

Rocker switches / push switches


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

¹⁾ 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)


²⁾ With screw-type terminals. Non-illuminable.

 <p>Rocker Switch Mechanism ¹⁾ Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1</p>	1gang 2way		
	2400/6 US-500	2CKA001012A2232	10/100
	2gang 1way		
	2400/5 US-500	2CKA001012A2234	10
	1gang		
	2400/7 US-500	2CKA001012A2236	10


¹⁾ 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)

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

¹⁾ 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)


Product	Article-No.	Order-No.	Pack/Qty
 <p>Rocker Switch Mechanism ¹⁾ 2gang 2way With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1</p>	2400/6/6US-101-500	2CKA001022A0663	10

¹⁾ 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)

 <p>Rocker Switch Mechanism ^{1) 2)} DP, 1gang 1way For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1</p>	2000/2 US-101-500	2CKA001012A2193	10/100
---	--------------------------	-----------------	--------


¹⁾ 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)

²⁾ Also for switching SCHUKO® socket outlets.

 <p>Rocker Switch Mechanism ^{1) 2)} 3-pole, 1gang 1way switch Rated voltage: 400 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1</p>	2000/3 US	2CKA001011A0816	10
---	------------------	-----------------	----


¹⁾ 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)

²⁾ With screw-type terminals. Non-illuminable.

 <p>Rocker Switch Mechanism ¹⁾ With neon lamp 8338-1. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1</p>	1gang 2way ²⁾		
	2000/6 USGL-500	2CKA001012A2194	10/100
	2gang 1way		
	2000/5 USGL	2CKA001012A1135	10

¹⁾ 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)


²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

 <p>Rocker Switch Mechanism, control ¹⁾ 2gang 1way with LED, Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1</p>	2400/5 USK-500	2CKA001012A2238	10
---	-----------------------	-----------------	----

¹⁾ 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)

future® linear


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
	Rocker Switch Mechanism, control 1) 2) 3) With neon lamp. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1		
	1gang 2way with N-terminal		
	2000/6 USK-500	2CKA001022A0659	10/100
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10

¹⁾ With 1 mA neon lamp.

²⁾ 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)


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

	Rocker Switch Mechanism, control 1) 2) 3) 1gang 2way with N-terminal With neon lamp. Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 20 IEC 60669-1		
	2400/6 USK-500	2CKA001022A0661	10

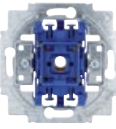
¹⁾ With 1 mA neon lamp.

²⁾ 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)


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

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

¹⁾ 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)

	Push-switch mechanism 1) SP, with normally open contact (operating current) With 2 independent signalling contacts. Rated voltage: 250 V~ Inputs: 1, Outputs: 1, Rated current: 10 A Protection class (Device): IP 20 IEC 60669-1		
	2020 US-201	2CKA001413A0483	10


¹⁾ 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)

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

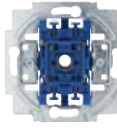
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Replacement lamps 8360, 8362, and 8363 and LED inserts.

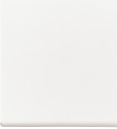
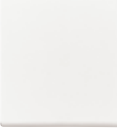
³⁾ For relay and touch dimmer applications.

Product	Article-No.	Order-No.	Pack/Qty
	Push-switch mechanism 1) With one input terminal and 2 actuating covers. Rated voltage: 250 V~ Inputs: 1 Outputs: 2x Normally open contact Rated current: 10 A Protection class (Device): IP 20 IEC 60669-1		
	2020 US-205-500	2CKA001413A1105	10/100



¹⁾ 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)

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

¹⁾ 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)

	Rocker For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20		
	anthracite	1786-81-500	2CKA001751A3079 10/100
	ivory white	1786-82-500	2CKA001751A3083 10/100
	aluminium silver 1)	1786-83-500	2CKA001751A3075 10/100
	studio white	1786-84-500	2CKA001751A3074 10/100
	studio white, matt 1)	1786-884-500	2CKA001751A3089 10/100
	black matt 1)	1786-885-500	2CKA001751A3094 10/100
	red RAL 3020	1786-12-82	2CKA001751A3145 10/100


¹⁾ Surface painted.

	Rocker Series switch For flush-mounted switch 2g 1w, 2g push switch. Protection class (Device): IP 20		
	anthracite	1785-81	2CKA001751A2930 10
	ivory white	1785-82	2CKA001751A2744 10/100
	aluminium silver 1)	1785-83	2CKA001751A2942 10/100
	aluminium silver 1)	1785-83-500	2CKA001751A3092 10/100
	studio white	1785-84-500	2CKA001751A3076 10/100
	studio white, matt 1)	1785-884	2CKA001751A3024 10/100
	black matt 1)	1785-885	2CKA001751A3038 10/100


¹⁾ Surface painted.

future® linear


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Rocker As a cover for flush-mounted control 2gang switch. Protection class (Device): IP 20			
anthracite	1785 K-81-500	2CKA001751A3122	10
ivory white	1785 K-82-500	2CKA001751A3124	10
aluminium silver ¹⁾	1785 K-83-500	2CKA001751A3126	10
studio white	1785 K-84-500	2CKA001751A3128	10
studio white, matt ¹⁾	1785 K-884-500	2CKA001751A3135	10
black matt ¹⁾	1785 K-885-500	2CKA001751A3137	10


¹⁾ Surface painted.

 Rocker with small red spherical cap As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
anthracite	1789-81	2CKA001751A2928	10
ivory white	1789-82	2CKA001751A2813	10
aluminium silver ¹⁾	1789-83	2CKA001751A2945	10/100
studio white	1789-84-500	2CKA001751A3091	10/100
studio white, matt ¹⁾	1789-884	2CKA001751A3033	10
black matt ¹⁾	1789-885	2CKA001751A3047	10


¹⁾ Surface painted.

 Rocker with small transparent lens As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
anthracite	1789 N-81	2CKA001751A3147	10/100
ivory white	1789 N-82	2CKA001751A3148	10/100
aluminium silver ¹⁾	1789 N-83	2CKA001751A3149	10/100
studio white	1789 N-84-500	2CKA001751A3151	10/100
studio white, matt ¹⁾	1789 N-884	2CKA001751A3153	10/100
black matt ¹⁾	1789 N-885	2CKA001751A3154	10/100


¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Switch rocker with marking with small transparent lens With "Plug" icon. As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O" As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20			
anthracite	1789 ST-81	2CKA001751A3157	10/100
ivory white	1789 ST-82	2CKA001751A3158	10/100
aluminium silver ¹⁾	1789 ST-83	2CKA001751A3159	10/100
studio white	1789 ST-84-500	2CKA001751A3161	10/100
studio white, matt ¹⁾	1789 ST-884	2CKA001751A3163	10/100
black matt ¹⁾	1789 ST-885	2CKA001751A3164	10/100

¹⁾ Surface painted.

 Switch rocker with marking With symbol. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Protection class (Device): IP 20			
anthracite	2520 LI-81	2CKA001751A3186	10/100
ivory white	2520 LI-82	2CKA001751A3187	10/100
aluminium silver ¹⁾	2520 LI-83	2CKA001751A3188	10/100
studio white	2520 LI-84-500	2CKA001751A3190	10/100
studio white, matt ¹⁾	2520 LI-884	2CKA001751A3192	10/100
black matt ¹⁾	2520 LI-885	2CKA001751A3193	10/100


¹⁾ Surface painted.

 Switch rocker with marking With key symbol. For flush-mounted push switch. Protection class (Device): IP 20			
anthracite	2520 TR-81	2CKA001751A3196	10/100
ivory white	2520 TR-82	2CKA001751A3197	10/100
aluminium silver ¹⁾	2520 TR-83	2CKA001751A3198	10/100
studio white	2520 TR-84	2CKA001751A3199	10/100
studio white, matt ¹⁾	2520 TR-884	2CKA001751A3201	10/100
black matt ¹⁾	2520 TR-885	2CKA001751A3202	10/100


¹⁾ Surface painted.

future® linear


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 <p>Switch rocker with marking With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20</p>	anthracite	2520 KI-81	2CKA001751A3176 10/100
	ivory white	2520 KI-82	2CKA001751A3177 10/100
	aluminium silver ¹⁾	2520 KI-83	2CKA001751A3178 10/100
	studio white	2520 KI-84-500	2CKA001751A3180 10/100
	studio white, matt ¹⁾	2520 KI-884	2CKA001751A3182 10/100
	black matt ¹⁾	2520 KI-885	2CKA001751A3183 10/100


¹⁾ Surface painted.

 <p>Switch rocker with marking with small transparent lens With symbol. As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20</p>	anthracite	1789 LI-81	2CKA001751A2931 10
	ivory white	1789 LI-82	2CKA001751A2745 10
	aluminium silver ¹⁾	1789 LI-83	2CKA001751A2951 10
	studio white	1789 LI-84-500	2CKA001751A3084 10/100
	studio white, matt ¹⁾	1789 LI-884	2CKA001751A3031 10
	black matt ¹⁾	1789 LI-885	2CKA001751A3045 10


¹⁾ Surface painted.

 <p>Switch rocker with marking with small transparent lens With key symbol. For flush-mounted push switch. Protection class (Device): IP 20</p>	anthracite	1789 TR-81	2CKA001751A2933 10
	ivory white	1789 TR-82	2CKA001751A2747 10
	aluminium silver ¹⁾	1789 TR-83	2CKA001751A2953 10
	studio white	1789 TR-84	2CKA001751A2755 10
	studio white, matt ¹⁾	1789 TR-884	2CKA001751A3032 10
	black matt ¹⁾	1789 TR-885	2CKA001751A3046 10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Switch rocker with marking with small transparent lens With bell symbol. For flush-mounted push switch. Protection class (Device): IP 20</p>	anthracite	1789 KI-81	2CKA001751A2932 10
	ivory white	1789 KI-82	2CKA001751A2746 10
	aluminium silver ¹⁾	1789 KI-83	2CKA001751A2952 10
	studio white	1789 KI-84	2CKA001751A2754 10
	studio white, matt ¹⁾	1789 KI-884	2CKA001751A3030 10
	black matt ¹⁾	1789 KI-885	2CKA001751A3044 10


¹⁾ Surface painted.

 <p>Rocker ¹⁾ ²⁾ with labelling field With bell symbol. With pilot lamp for uniform illumination of the labelling field. For flush-mounted push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20</p>	anthracite	1764 NLI/KI-81	2CKA001731A3998 10/100
	ivory white	1764 NLI/KI-82	2CKA001731A3999 10/100
	aluminium silver ³⁾	1764 NLI/KI-83	2CKA001731A4000 10/100
	studio white	1764 NLI/KI-84-500	2CKA001731A4002 10/100
	studio white, matt ³⁾	1764 NLI/KI-884	2CKA001731A4004 10/100
	black matt ³⁾	1764 NLI/KI-885	2CKA001731A4005 10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

³⁾ Surface painted.

 <p>Rocker ¹⁾ ²⁾ with labelling field With pilot lamp for uniform illumination of the labelling field. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20</p>	anthracite	1764 NLI-81	2CKA001731A1552 10
	ivory white	1764 NLI-82	2CKA001731A1876 10
	aluminium silver ³⁾	1764 NLI-83	2CKA001731A1948 10
	studio white	1764 NLI-84	2CKA001731A1877 10/100
	studio white, matt ³⁾	1764 NLI-884	2CKA001731A1985 10
	black matt ³⁾	1764 NLI-885	2CKA001731A1982 10
	red RAL 3020	1764 NLI-12-82-101	2CKA001731A4011 10
	Green, RAL 6032	1764 NLI-13-82	2CKA001731A4007 10/100


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.


³⁾ Surface painted.

future® linear


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Switch rocker with marking with small red spherical cap With imprint "0" and "I". 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	1788-81	2CKA001751A2927	10
ivory white	1788-82	2CKA001751A2742	10
aluminium silver ¹⁾	1788-83	2CKA001751A2954	10
studio white	1788-84	2CKA001751A2750	10/100
studio white, matt ¹⁾	1788-884	2CKA001751A3028	10
black matt ¹⁾	1788-885	2CKA001751A3042	10


¹⁾ Surface painted.

 Switch rocker with marking with small red spherical cap With marking "Heizung". 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	1789 H-81	2CKA001751A2929	10
ivory white	1789 H-82	2CKA001751A2743	10
aluminium silver ¹⁾	1789 H-83	2CKA001751A2955	10
studio white	1789 H-84	2CKA001751A2751	10
studio white, matt ¹⁾	1789 H-884	2CKA001751A3029	10
black matt ¹⁾	1789 H-885	2CKA001751A3043	10


¹⁾ Surface painted.

 Card switch 10 A ¹⁾ SP, with normally open contact (operating current) Illuminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1			
	2025 U	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.		


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 Switch rocker with marking For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. DO NOT DISTURB Protection class (Device): IP 20			
anthracite	1786/11-81	2CKA001751A3207	10
ivory white	1786/11-82	2CKA001751A2997	10
aluminium silver ¹⁾	1786/11-83	2CKA001751A3001	10
studio white	1786/11-84	2CKA001751A2998	10
studio white, matt ¹⁾	1786/11-884	2CKA001751A3026	10
black matt ¹⁾	1786/11-885	2CKA001751A3040	10

¹⁾ Surface painted.

 Switch rocker with marking For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB MAKE UP ROOM Protection class (Device): IP 20			
anthracite	1785/11-81	2CKA001751A3205	10
ivory white	1785/11-82	2CKA001751A2991	10
aluminium silver ¹⁾	1785/11-83	2CKA001751A2995	10
studio white	1785/11-84	2CKA001751A2992	10
studio white, matt ¹⁾	1785/11-884	2CKA001751A3023	10
black matt ¹⁾	1785/11-885	2CKA001751A3037	10


¹⁾ Surface painted.

 Bell push-switch DND/MUR with marking "Do not Disturb" and "Make up Room" two separate LED indicators with screw-type terminal Rated voltage: 250 V~ Rated current: 10 ABS EN 60669-1, IEC 60669-1			
anthracite	2029 UC-81	2CKA001751A3167	1
ivory	2029 UC-82	2CKA001751A3168	1
aluminium silver ¹⁾	2029 UC-83	2CKA001751A3169	1
studio white	2029 UC-84	2CKA001751A3170	1
studio white, matt ¹⁾	2029 UC-884	2CKA001751A3172	1
black matt ¹⁾	2029 UC-885	2CKA001751A3173	1


¹⁾ Surface painted.

future® linear


Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate 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. Protection class (Device): IP 20	anthracite	1792-81	2CKA001710A3639 10
	ivory white	1792-82	2CKA001710A3640 10
	aluminium silver ¹⁾	1792-83	2CKA001710A3670 10
	studio white	1720-84	2CKA001731A1916 10
	studio white, matt ¹⁾	1792-884	2CKA001710A3928 10
	black matt ¹⁾	1792-885	2CKA001710A3905 10


¹⁾ Surface painted.

 Pull switch ¹⁾ SP, with normally open contact (operating current) With 2-metre pull cord, red handle, and red neon indicator. Rated voltage: 250 V~ Rated current: 10 A	2020/01 US-101	2CKA001413A1112 10
---	-----------------------	--------------------

¹⁾ 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)


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

¹⁾ 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)


 Cover plate ¹⁾ for pull switch 2610/6 UC-xx, 2610/6 UJ-xx With screw-type terminal Protection class (Device): IP 20	anthracite	1796-81	2CKA001753A0308 10
	ivory white	1796-82	2CKA001753A0309 10
	aluminium silver ²⁾	1796-83	2CKA001753A0310 10
	studio white	1796-84	2CKA001753A0311 10
	studio white, matt ²⁾	1796-884	2CKA001753A0313 10
	black matt ²⁾	1796-885	2CKA001753A0314 10

¹⁾ Exchanging the available cover/cover plate.

²⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 Rocker open for red pull switch neon indicator For pull switch 2020/xx US. Protection class (Device): IP 20	anthracite	1720-81	2CKA001731A1914 10
	ivory white	1720-82	2CKA001731A1915 10
	aluminium silver ¹⁾	1720-83	2CKA001731A1949 10
	studio white	1720-84	2CKA001731A1916 10
	studio white, matt ¹⁾	1720-884	2CKA001731A1979 10
	black matt ¹⁾	1720-885	2CKA001731A1981 10

¹⁾ Surface painted.

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

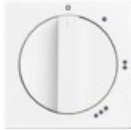
¹⁾ Install only in conjunction with wall boxes ø 60 mm.

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

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

¹⁾ Install only in conjunction with wall boxes ø 60 mm.


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

 Cover plate with rotary control, with marking As cover for flush mounted three-step rotary switch. With zero position. For insert 2710 U. Protection class (Device): IP 20	anthracite	2542 DR/01-81	2CKA001710A3644 10
	ivory white	2542 DR/01-82	2CKA001710A3645 10
	aluminium silver ¹⁾	2542 DR/01-83	2CKA001710A3671 10
	studio white	2542 DR/01-84	2CKA001710A3646 10
	studio white, matt ¹⁾	2542 DR/01-884	2CKA001710A3890 10
	black matt ¹⁾	2542 DR/01-885	2CKA001710A3913 10

¹⁾ Surface painted.


future® linear


Rocker switches / push switches


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate with rotary control, with marking As cover for flush mounted three-step rotary switch. Without zero position. For insert 2710/1 U. Protection class (Device): IP 20			
	anthracite	2542 DR/02-81	2CKA001710A3649 10
	ivory white	2542 DR/02-82	2CKA001710A3650 10
	aluminium silver ¹⁾	2542 DR/02-83	2CKA001710A3672 10
	studio white	2542 DR/02-84	2CKA001710A3651 10
	studio white, matt ¹⁾	2542 DR/02-884	2CKA001710A3891 10
	black matt ¹⁾	2542 DR/02-885	2CKA001710A3914 10

¹⁾ Surface painted.

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Friends of Hue smart switch complete set Consisting of Friends of Hue smart switch insert 6716 U-500. Consisting of 2gang rocker 6736 FoH-8xx for Friends of Hue smart switch. Consisting of 1gang future® linear cover frames. Consisting of mounting plate and intermediate ring. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later). Maximum reliability due to Zigbee Mesh technology. Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.			
	studio white	6716 UJ-84-500	2CKA006710A0011 1



 Friends of Hue smart switch insert Wall-mounted transmitter, 2 channel For Friends of Hue smart switch rocker 6736 FoH-8xx. Smart light switch for wireless remote control of Philips Hue lamps. For switching/dimming of Philips Hue lamps. For storing, recalling and dimming of max. 2 individual light scenes. Battery-free and maintenance-free thanks to "Energy Harvesting". Maximum reliability due to Zigbee Mesh technology. Requires Philips Hue Bridge v2 (square shape) and the latest Philips Hue app (v3.2 or later). Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear. Can be freely mounted in the room using the enclosed adhesive tape and mounting plate. Including fixing plate for mounting on smooth walls or on switch boxes. Including mounting components: Double-sided tape + decorative sticker.			
	6716 U-500	2CKA006710A0014	1

 Rocker For Friends of Hue smart switch insert 6716 U-500. Can be combined with switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.			
	anthracite	6736 FoH-81	2CKA006730A0133 1
	ivory white	6736 FoH-82	2CKA006730A0134 1
	aluminium silver ¹⁾	6736 FoH-83	2CKA006730A0135 1
	studio white	6736 FoH-84	2CKA006730A0136 1
	studio white, matt ¹⁾	6736 FoH-884	2CKA006730A0140 1
	black matt ¹⁾	6736 FoH-885	2CKA006730A0141 1







¹⁾ Surface painted.

future® linear

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer 1) 2) 3) 4) 5) 7) 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 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	

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

Product	Article-No.	Order-No.	Pack/Qty
	<p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁷⁾ UP, LED, 2-400 W 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 °C IEC 60669-2-1, British Standard EN 60669-2-1</p> <div>    </div>		
<div>6523 UR-103-5002CKA006512A03451/10</div>			



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

future® linear



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ^{1) 2) 3) 4) 5)} Flush-mounted, LED, 2-100 W Touch dimmer. 2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds with the trailing edge control mode. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6526 U-500	2CKA006512A0323	1/10



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ 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)
⁵⁾ Recommendation: Please use loads and types of one producer.
⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching
 retrofit LEDs (for 2-conductor connection).

 <p>Busch-rotary dimmer ^{1) 2) 3) 4)} flush mounted, R, 60-600 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 600 W IEC 60669-2-1, British Standard EN 60669-2-1</p> 	2250 U-500	2CKA006515A0848	1/10
--	-------------------	-----------------	------

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ Also applicable for 1gang 2way installations.
³⁾ 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)
⁴⁾ Provided with terminal for net disconnection devices.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RL, 20-500 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. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	2247 U-500	2CKA006512A0302	1/10


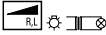
- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Provided with terminal for net disconnection devices.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Only in conjunction with 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)

 <p>Busch-rotary dimmer ^{1) 2) 3) 4) 5)} 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</p> 	6520 U-500	2CKA006520A0227	1/10
--	-------------------	-----------------	------

- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Provided with terminal for net disconnection devices.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ 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)
⁶⁾ Should be mounted in a separate wallbox.

future® linear



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-2gang switch/rotary dimmer ^{1) 2) 3)} flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6517 U-101-500	2CKA006517A0018	1/10

¹⁾ 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)

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

³⁾ Can be used to replace a 2gang 1way switch.

 Busch-rotary dimmer ^{1) 2) 3) 4) 5) 6)} flush mounted, RC, 40-420 W With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 40 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6513 U-102-500	2CKA006513A0586	1/10
--	-----------------------	------------------------	-------------

¹⁾ Not suitable with conventional transformers.



²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Provided with terminal for net disconnection devices.

⁵⁾ Also applicable for 1gang 2way installations.

⁶⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ^{1) 2) 3) 4) 5) 6)} flush mounted, RC, 40-420 W DP switched With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. DP cut off (P,N) Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6514 U-500	2CKA006514A0115	1

¹⁾ Not suitable with conventional transformers.



²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Provided with terminal for net disconnection devices.

⁵⁾ Also applicable for 1gang 2way installations.

⁶⁾ 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)

 Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RLC, 60-420 W with soft-catch With intelligence for universal operation. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6591 U-101-500	2CKA006513A0588	1/10
--	-----------------------	------------------------	-------------



¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ In the case of conventional transformers, take ~20% transformer loss into account.

⁴⁾ 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)

⁵⁾ Cannot be combined with a 2way switch.



 Busch-rotary dimmer, extension ^{1) 2)} flush mounted for connection to 6591 U-101, To be used with Busch-Dimmer®, MDRC 6583. with soft-catch. A maximum of 5 multi-way extensions can be connected to a 6591U-101. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz 	6592 U-500	2CKA006513A0590	1
--	-------------------	------------------------	----------

¹⁾ Control elements 2115-xxx and 6540-xxx.

²⁾ Required for illuminating the N-connection control element.

future® linear

Dimmers


Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ 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

¹⁾ Non-illuminable.


²⁾ Use cover plates 2115 J-.../2115-.../6540-...

³⁾ 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)

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

	Busch-rotary dimmer ¹⁾ 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 proof. 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 ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116 U	2CKA006599A3025	1


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ Flush-mounted, DALI, with internal power supply, tunable white 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116/11 U	2CKA006599A3026	1


¹⁾ 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)

future® linear


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ flush mounted, DALI 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 proof. 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. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117 U-500	2CKA006599A2987	1

¹⁾ 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)


	Busch-rotary dimmer ¹⁾ flush mounted, DALI, with internal power supply 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. 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2117/11 U-500	2CKA006599A2988	1

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ¹⁾ ²⁾ flush mounted, RL, 25-500 W With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Parallel operation of several transformers and/or incandescent lamps possible. Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
	6560 U-101-500	2CKA006560A1207	1/10

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

²⁾ 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)

	Busch touch-dimmer range ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, RC, 45-315 W For switching and dimming 2 independent devices. With trailing edge control. 2gang 1way For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Compatible with control covers 6545-xxx. Without cover, without cover plate. Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz IEC 60669-2-1, British Standard EN 60669-2-1		
	6565 U-500	2CKA006565A0057	1/10

¹⁾ Not suitable with conventional transformers.






²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ 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)






⁴⁾ Does not provide an extension input.

future® linear



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p>    	6593 U-500	2CKA006590A0171	1/10






- ¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.
²⁾ In case of electronic transformers, 5 % transformer losses.
³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.
⁴⁾ 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)


 <p>Busch-Dimmer®, capacity booster ¹⁾ flush mounted, RLC, 200-315 W The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101 For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 200 - 315 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p>    	6594 U-500	2CKA006590A0172	1
---	-------------------	-----------------	---

- ¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ¹⁾ ²⁾ ³⁾ flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). For LED control via control gears Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> 	6550 U-101-500	2CKA006550A0042	1

- ¹⁾ Non-illuminable.
²⁾ 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)
³⁾ with integrated making-current limiter


 <p>Busch-rotary dimmer LED, complete set Consisting of Busch LED rotary dimmer 6523 U-102. Consisting of the cover plate with rotary knob 6540-84-102. Cover frame design future® linear 1721-184K. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1</p>    	6523 UJ-84-102	2CKA006512A0350	1
---	-----------------------	-----------------	---

 <p>Cover plate ¹⁾ 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.</p>	6540-81-102	2CKA006599A2950	10
anthracite	6540-81-102	2CKA006599A2950	10
ivory white	6540-82-102	2CKA006599A2951	10/100
aluminium silver ²⁾	6540-83-102	2CKA006599A2952	10/100
studio white	6540-84-102-500	2CKA006599A3009	10/100
studio white, matt ²⁾	6540-884-102	2CKA006599A2961	10/100
black matt ²⁾	6540-885-102	2CKA006599A2966	10/100

- ¹⁾ Replacement neon lamp, Art. No. 3855.
²⁾ Surface painted.

future® linear

Dimmers


Product	Article-No.	Order-No.	Pack/Qty
	Control element ¹⁾ ²⁾ ³⁾ 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-type controller 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U.		
	anthracite	6543-81-101	2CKA006599A2881 1/10
	ivory white	6543-82-101	2CKA006599A2831 1/10
	aluminium silver ⁴⁾	6543-83-101	2CKA006599A2887 1/10
	studio white	6543-84-101-500	2CKA006599A3010 1/10
	studio white, matt ⁴⁾	6543-884-101	2CKA006599A2963 1/10
	black matt ⁴⁾	6543-885-101	2CKA006599A2968 1/10

¹⁾ Compatible with previous type 6543-xxx.

²⁾ Touch-type Controller 6550 U-xxx non-illuminable.


³⁾ Replacement neon lamp 3857.

⁴⁾ Surface painted.

	Control element ¹⁾ with neon lamp Combinable with Busch-Memory 2gang dimmer 6565 U.		
	anthracite	6545-81	2CKA006599A2906 1/10
	ivory white	6545-82	2CKA006599A2907 1/10
	aluminium silver ²⁾	6545-83	2CKA006599A2914 1/10
	studio white	6545-84	2CKA006599A2908 1/10
	studio white, matt ²⁾	6545-884	2CKA006599A2964 1/10
	black matt ²⁾	6545-885	2CKA006599A2969 1/10


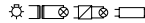
¹⁾ Replacement neon lamp 3857.



²⁾ Surface painted.

	Cover plate for cooling element For Busch-Universal master dimmer power module 6594 U. For room temperature controller object range 6108/0x and base for blind cover 6930/01.		
	anthracite	6541-81	2CKA006599A2882 10
	ivory white	6541-82	2CKA006599A2832 10
	aluminium silver ¹⁾	6541-83	2CKA006599A2885 10
	studio white	6541-84	2CKA006599A2835 10
	studio white, matt ¹⁾	6541-884	2CKA006599A2962 10
	black matt ¹⁾	6541-885	2CKA006599A2967 10

¹⁾ Surface painted.

Movement detectors / comfort switches


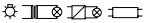
Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 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 °C60669-2-1 		
	6401 U-102-500	2CKA006401A0049	1/10

	Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x 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): 0 °C to 35 °C British Standard EN 60669-2-1 		
	6402 U-500	2CKA006401A0051	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.
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.

future® linear

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog relay mechanism 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V, +10 % / -10 % Rated frequency: 50 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 power: 700 W/VA Temperature range (Device): 0 °C to 55 °C British Standard EN 60669-2-1 		
	6812 U-101-500	2CKA006800A2160	1/10

	Busch-Watchdog MOS-Fet Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ 2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA Temperature range (Device): 0 °C to 35 °C British Standard EN 60669-2-1 		
	6804 U-101-500	2CKA006800A2219	1/10

¹⁾ In case of electronic transformers, 5 % transformer losses.

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

³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.


⁴⁾ Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relays.

⁶⁾ Requires an NIS international socket, E-No. 372507676.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog extension insert ¹⁾ 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): 0 °C to 35 °C		
	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

¹⁾ Not combinable with relay switch insert 6812 U-101.



Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ with select-lens

For automatic switching of devices dependent on motion and brightness.

For relay inserts 6401 U-102, 6402 U and 6812 U-101.

For MOS-Fet insert 6804 U-101.

For Dimmer insert 6593 U.

For extension insert 6805 U.

With integrated selector switch for ON-AUTOMATIC-OFF (lockable).

Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off.

Surveillance density: 18 sectors with 72 switching segments.

Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.

Detection range: frontal: 12 m, lateral: 8 m

Detection angle: 180 °

Brightness limit value: 5 Lux Up to daytime operation

Mounting height: 0.8 m - 1.2 m

Protection class (Sensor): IP 20

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


anthracite	6800-81-104	2CKA006800A2268	1
ivory white	6800-82-104	2CKA006800A2099	1/10
aluminium silver ²⁾	6800-83-104	2CKA006800A2325	1
studio white	6800-84-104	2CKA006800A2101	1/10
studio white, matt ²⁾	6800-884-104	2CKA006800A2497	1
black matt ²⁾	6800-885-104	2CKA006800A2506	1

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ Surface painted.

future® linear


Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ ²⁾ with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	anthracite	6800-81-104M	2CKA006800A2269 1
	ivory white	6800-82-104M	2CKA006800A2100 1
	aluminium silver ³⁾	6800-83-104M	2CKA006800A2327 1
	studio white	6800-84-104M	2CKA006800A2102 1/10
	studio white, matt ³⁾	6800-884-104M	2CKA006800A2498 1
	black matt ³⁾	6800-885-104M	2CKA006800A2500 1



¹⁾ Installation: slide switch top.



²⁾ Please order the respective flush-mounted insert separately.

³⁾ Surface painted.

	Cover plate Proximity switch For proximity switch 6406 U.		
	anthracite	6476-81	2CKA006470A0007 1/10
	ivory white	6476-82	2CKA006470A0003 10
	aluminium silver ¹⁾	6476-83	2CKA006470A0008 10
	studio white	6476-84	2CKA006470A0004 10
	studio white, matt ¹⁾	6476-884	2CKA006470A0010 10
	black matt ¹⁾	6476-885	2CKA006470A0011 10

¹⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/01 U-500	2CKA006400A0085	1

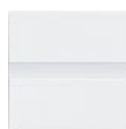
	Universal e-contact insert ¹⁾ 2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 20 - 180 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 20 - 180 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/04 U-500	2CKA006400A0088	1

¹⁾ Only use dimmable high voltage LEDs.

future® linear

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1



Busch-Comfort switch control element ¹⁾ ²⁾ with neon lamp

Movement detector/push-button switch combination. Push switch function possible at all times. For switching lighting systems that depend on brightness and movement. Extension of the detection range by means of master/slave combination. Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (time and motion-controlled) switch-off. Adjustable operating mode: automatic switch-on, manual switch-off. With continuous light/continuous off function. Adjustment elements on the rear. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED for status display. Detection range: frontal: 5 m, lateral: 3 m, Mounting height: 1.1 m. Detection angle: 170 °. Brightness limit value: 0.5 Lux - 500 Lux, Daytime operation. Mounting height: 0.8 m - 1.2 m. Protection class (Sensor): IP 20. Temperature range (Device): 0 °C to 35 °C. Dimensions: (L x W x D): 63 mm x 63 mm x 28.3 mm. DIN EN 60669-2-1


future® linear

anthracite	6815-81-101-500	2CKA006800A2828	1
ivory white	6815-82-101-500	2CKA006800A2830	1
aluminium silver	6815-83-101-500	2CKA006800A2832	1
studio white	6815-84-101-500	2CKA006800A2834	1
studio white matt ³⁾	6815-884-101-500	2CKA006800A2838	1
black matt ³⁾	6815-885-101-500	2CKA006800A2840	1

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ The range specifications refer to an ambient temperature of 21 °C.



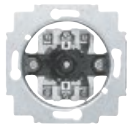
³⁾ Surface painted.

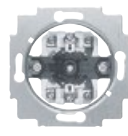


Product	Article-No.	Order-No.	Pack/Qty
	Busch-Comfort switch ¹⁾ complete set Ready-to-install movement detector/push-button switch combination (set packaging). Consisting of Busch-Comfort switch control element 6815-84-101-500. Consisting of Busch-Universal relay switch insert 6440/01 U-500. Consisting of 1gang future® linear cover frames. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED for status display. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Niedervolt Halogenlampen mit elektronischen Transformatoren. Rated power: 2300 VA Detection range: frontal: 5 m, lateral: 3 m, Mounting height: 1.1 m Detection angle: 170 ° Brightness limit value: 5 Lux - 500 Lux, Daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 81 mm x 81 mm x 52 mm Mounting depth: 31 mm DIN EN 60669-2-1		
	studio white 6816 UJ-84-500	2CKA006800A2859	1

¹⁾ The range specifications refer to an ambient temperature of 21 °C.

future® linear

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Key Switch Insert ¹⁾ ²⁾ ³⁾ breaking circuit, 1-pole For profile semi-cylindrical lock. In switched-on and switched-off status the key can be pulled out in the central position, respectively. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	2733 USL-101	2CKA001101A0914	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.		
¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.) ²⁾ Use the cylindrical lock according to the enclosed drawing. ³⁾ See profile semi-cylindrical lock.			
	Blind switch insert ¹⁾ ²⁾ SP, switch With interlock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1		
	2000/4 US-500	2CKA001012A2197	10/100
¹⁾ 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) ²⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.			
	Blind switch insert ¹⁾ ²⁾ With rotary knob/switch and push switch. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC 60669-1, British Standard EN 60669-1		
	DP ³⁾		
	2712 U	2CKA001101A0534	10
	SP, N, E		
	2713 U	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.		
¹⁾ 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) ²⁾ Blind switches/push switches prevents fast change over between operating directions. ³⁾ Also suitable for controlling direct voltage drives.			

Product	Article-No.	Order-No.	Pack/Qty
 Blind switch insert ¹⁾ ²⁾ With rotary knob/push button. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1	2722 U	2CKA001101A0559	10
	SP, N, E		
	2723 U	2CKA001101A0567	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.	
 Blind switch/push-switch ¹⁾ ²⁾ ³⁾ ⁴⁾ For profile semi-cylindrical lock/switch and push-switch. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1	2712 USL-101	2CKA001101A0872	10
	SP, N, E		
	2713 USL-101	2CKA001101A0880	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.	
 Blind switch insert ¹⁾ ²⁾ ³⁾ ⁴⁾ For profile semi-cylindrical lock/push-button. Delivered without cylindrical lock. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20 British Standard EN 60669-1, IEC60669-1	2722 USL-101	2CKA001101A0898	10
	SP, N, E		
	2723 USL-101	2CKA001101A0906	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.	


¹⁾ 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)
²⁾ Blind switches/push switches prevents fast change over between operating directions.
³⁾ Also suitable for controlling direct voltage drives.
⁴⁾ See semi-cylindrical lock.


¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)
²⁾ Blind switches/push switches prevents fast change over between operating directions.
³⁾ Use the cylindrical lock according to the enclosed drawing.
⁴⁾ See semi-cylindrical lock.
⁵⁾ Also suitable for controlling direct voltage drives.

¹⁾ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)
²⁾ Blind switches/push switches prevents fast change over between operating directions.
³⁾ Use the cylindrical lock according to the enclosed drawing.
⁴⁾ See semi-cylindrical lock.
⁵⁾ Also suitable for controlling direct voltage drives.

future® linear

Blind control / timers


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

 <p>Comfort blind insert ¹⁾ ²⁾ ³⁾ with memory and positioning function For the manual and automatic control of roller blinds. The roller blind moves to the position set using the turn knob. Executes the individually programmed switching commands (UP/DOWN) in a 24-hour rhythm. Suitable for roller blind drives with mechanical or electronic limit switch shut-off. Suitable for operation without neutral conductor. Without an extension input. Power reserve of 45 minutes (maintenance-free as capacitor). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 1.3 A, cos φ 0.5 Rated power: 300 VA</p>	Temperature range (Device): 0 °C to 35 °C		
	6419 U	2CKA006410A0390	1/10

¹⁾ Pertinent cover plates 6436-xx.

²⁾ 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.

³⁾ Only suitable for single unit control.


 <p>Basic blind insert ¹⁾ ²⁾ 2-wire blind insert 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 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA</p>	Temperature range (Device): 0 °C to 35 °C		
	6418 U-500	2CKA006410A0376	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.		


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


²⁾ 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.


Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Blind control II switch insert ¹⁾ 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, louver, 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. Running time: 3 min Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x Normally open contact Rated current: 3 A, cos φ 0.5 Rated power: 690 VA</p>	Control/Signal outputs: 2 Temperature range (Device): 0 °C to 35 °C		
	6411 U-500-101	2CKA006410A0378	1/10

¹⁾ Compatible with types 6411 U/x.

 <p>Blind comfort timer, complete set Consisting of Busch-Blind control II insert 6411 U-101. Consisting of the comfort timer control element 6455-101. Cover frame design future® linear 1721-184K. Consisting of the future® linear cover plate for timer control element 6435-84.</p>	studio white		
	6411 UJ-84-101	2CKA006410A0408	1


 <p>Blind basic timer, complete set Consisting of blind basic insert 6418 U. Consisting of the standard timer control element 6456-101. Cover frame design future® linear 1721-184K. Consisting of the future® linear cover plate for timer control element 6435-84.</p>	studio white		
	6418 UJ-84	2CKA006410A0405	1

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


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

future® linear


Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Short-time timer insert ¹⁾ 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		
	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		


¹⁾ 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)

	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		
anthracite	1785 JA-81	2CKA001751A2934	10
ivory white	1785 JA-82	2CKA001751A2748	10
aluminium silver ¹⁾	1785 JA-83	2CKA001751A2944	10/100
studio white	1785 JA-84-500	2CKA001751A3088	10/100
studio white, matt ¹⁾	1785 JA-884	2CKA001751A3022	10
black matt ¹⁾	1785 JA-885	2CKA001751A3036	10

¹⁾ 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		
anthracite	1740-81	2CKA001710A3623	10
ivory white	1740-82	2CKA001710A3154	10
aluminium silver ¹⁾	1740-83	2CKA001710A3661	10
studio white	1740-84	2CKA001710A3172	10/100
studio white, matt ¹⁾	1740-884	2CKA001710A3872	10
black matt ¹⁾	1740-885	2CKA001710A3894	10

¹⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ 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		
anthracite	1755 SL/PZ-81-101	2CKA001710A3626	10
ivory white	1755 SL/PZ-82-101	2CKA001710A3157	10
aluminium silver ²⁾	1755 SL/PZ-83-101	2CKA001710A3662	10
studio white	1755 SL/PZ-84-101	2CKA001710A3175	10
studio white, matt ²⁾	1755 SL/PZ-884-101	2CKA001710A3925	10
black matt ²⁾	1755 SL/PZ-885-101	2CKA001710A3902	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.

	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.		
anthracite	6430-81-102	2CKA006430A0326	1/10
ivory white	6430-82-102	2CKA006430A0327	1/10
aluminium silver ¹⁾	6430-83-102	2CKA006430A0328	1/10
studio white	6430-84-102-500	2CKA006430A0400	1/10
studio white, matt ¹⁾	6430-884-102	2CKA006430A0385	1/10
black matt ¹⁾	6430-885-102	2CKA006430A0386	1/10

¹⁾ Surface painted.

	Cover plate ¹⁾ with rotary knob For comfort blinds insert 6419 U.		
anthracite	6436-81	2CKA006430A0387	10
ivory white	6436-82	2CKA006430A0356	10
aluminium silver ²⁾	6436-83	2CKA006430A0357	10
studio white	6436-84	2CKA006430A0358	10
studio white, matt ²⁾	6436-884	2CKA006430A0363	10
black matt ²⁾	6436-885	2CKA006430A0364	10

¹⁾ Continuous lighting of the turn knob possible using glow lamp 3855. Not included in delivery. Neutral wire required for operation with neon lamp.

²⁾ Surface painted.

future® linear

Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Standard timer control element ¹⁾ 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

¹⁾ See respective cover plates 6435-xx.

Product	Article-No.	Order-No.	Pack/Qty
	Comfort timer control element ¹⁾ 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		
	6455-101-500	2CKA006410A0399	1/10

¹⁾ See respective cover plates 6435-xx.



Time switch mechanism 16 A ¹⁾ ²⁾ **DP, break contact for staircases, exterior lighting, fans, etc.**

Running time: 15 min
 For time-programmed switching of electrical consumers.
 Rated voltage: 230 V~, +10 % / -10 %
 Rated current: 16 A, cos φ 0.25
 Protection class (Device): IP 20


1070 U 2CKA001043A0025 1/10

¹⁾ For screw-fixing only

²⁾ 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)


future® linear

Blind control / timers


Product	Article-No.	Order-No.	Pack/Qty
	Time switch mechanism 16 A ¹⁾ ²⁾ DP, break contact for staircases, exterior lighting, fans, etc. Running time: 120 min For time-programmed switching of electrical consumers. Rated voltage: 230 V~, +10 % / -10 % Rated current: 16 A, cos φ 0.25 Protection class (Device): IP 20		
	1071 U	2CKA001043A0124	1

¹⁾ For screw-fixing only

²⁾ 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)


	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. For Busch-CO2 sensor 1091 U-500.		
anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
aluminium silver ¹⁾	6435-83	2CKA006430A0305	10
studio white	6435-84	2CKA006430A0306	10
studio white, matt ¹⁾	6435-884	2CKA006430A0388	10
black matt ¹⁾	6435-885	2CKA006430A0389	10

¹⁾ Surface painted.

	Cover plate with rotary knob, with marking For Busch-Timer insert 1070 U. Running time: 15 min Protection class (Device): IP 20		
anthracite	1770-81-103	2CKA001753A0255	10
ivory white	1770-82-103	2CKA001753A0256	10
aluminium silver ¹⁾	1770-83-103	2CKA001753A0257	10
studio white	1770-84-103	2CKA001753A0258	10
studio white, matt ²⁾	1770-884-103	2CKA001753A0260	10
black matt ¹⁾	1770-885-103	2CKA001753A0261	10


¹⁾ Surface painted.

²⁾ Surface lacquered in aluminium.


	Cover plate with rotary knob, with marking For Busch-Timer insert 1071 U. Running time: 120 min Protection class (Device): IP 20		
anthracite	1771-81-103	2CKA001753A0265	10
ivory white	1771-82-103	2CKA001753A0266	10
aluminium silver ¹⁾	1771-83-103	2CKA001753A0267	10
studio white	1771-84-103	2CKA001753A0301	10
studio white, matt ¹⁾	1771-884-103	2CKA001753A0303	10
black matt ¹⁾	1771-885-103	2CKA001753A0304	10

¹⁾ Surface painted.

Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
anthracite	20 EUC-81-500	2CKA002011A6215	10/100
ivory white	20 EUC-82-500	2CKA002011A6214	10/100
aluminium silver ¹⁾	20 EUC-83-500	2CKA002011A6213	10/100
studio white	20 EUC-84-500	2CKA002011A6207	10/100
studio white, matt	20 EUC-884-500	2CKA002011A6208	10/100
black matt ¹⁾	20 EUC-885-500	2CKA002011A6211	10/100

¹⁾ Surface painted.

	SCHUKO® socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
anthracite	20 EUCKS-81	2CKA002013A5265	10
ivory white	20 EUCKS-82-500	2CKA002013A5376	10/100
aluminium silver ²⁾	20 EUCKS-83-500	2CKA002013A5375	10/100
studio white	20 EUCKS-84-500	2CKA002013A5372	10/100
studio white, matt	20 EUCKS-884-500	2CKA002013A5373	10/100
black matt ²⁾	20 EUCKS-885	2CKA002013A5333	10/100

¹⁾ Increased shock protection.

²⁾ Surface painted.


	SCHUKO® socket outlet without claw ¹⁾ shuttered Without claws. With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
anthracite	20 EUCRB-81	2CKA002013A5437	10/100
ivory white	20 EUCRB-82	2CKA002013A5438	10/100
aluminium silver ²⁾	20 EUCRB-83	2CKA002013A5439	10/100
studio white	20 EUCRB-84-500	2CKA002013A5441	10/100
studio white, matt ²⁾	20 EUCRB-884	2CKA002013A5443	10
black matt ²⁾	20 EUCRB-885	2CKA002013A5444	10/100

¹⁾ Increased shock protection.

²⁾ Surface painted.

future® linear


Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ¹⁾ ²⁾ shuttered With screw-type terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	2300 EUCB-81	2CKA002013A5448 10
	ivory white	2300 EUCB-82	2CKA002013A5449 10/100
	aluminium silver ³⁾	2300 EUCB-83	2CKA002013A5450 10/100
	studio white	2300 EUCB-84	2CKA002013A5451 10/100
	studio white, matt ³⁾	2300 EUCB-884	2CKA002013A5453 10/100
	black matt ³⁾	2300 EUCB-885	2CKA002013A5454 10/100

¹⁾ Increased shock protection.

²⁾ With screw-type terminals.

³⁾ Surface painted.

	SCHUKO® socket outlet shuttered DP (2 P + E) With screwless terminals. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	red RAL 3020	20 EUCKS-12-82-101	2CKA002013A5464 10


	SCHUKO® USB socket outlet ¹⁾ ²⁾ ³⁾ shuttered With screwless terminals. DP (2 P + E) For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: SCHUKO® socket outlet Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm		
	anthracite	20 EUCBUSB-81-500	2CKA002011A6176 1
	ivory white	20 EUCBUSB-82-500	2CKA002011A6177 1
	aluminium silver ⁴⁾	20 EUCBUSB-83-500	2CKA002011A6178 1
	studio white	20 EUCBUSB-84-500	2CKA002011A6179 1/10
	studio white, matt ⁴⁾	20 EUCBUSB-884-500	2CKA002011A6182 1
	black matt ⁴⁾	20 EUCBUSB-885-500	2CKA002011A6183 1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ No data transfer.


³⁾ Use dust cover 2098 when cleaning the device.

⁴⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) With eject mechanism. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUCBDR-81	2CKA002013A5415 10
	ivory white	20 EUCBDR-82	2CKA002013A5416 10
	aluminium silver ²⁾	20 EUCBDR-83	2CKA002013A5417 10
	studio white	20 EUCBDR-84	2CKA002013A5418 10
	studio white, matt ²⁾	20 EUCBDR-884	2CKA002013A5420 10
	black matt ²⁾	20 EUCBDR-885	2CKA002013A5421 10

¹⁾ Increased shock protection.


²⁾ Surface painted.

	SCHUKO® socket outlet steplight ¹⁾ ²⁾ With night orientation light with separate connection cables for switch contact. with LED, Shuttered. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUCBLI-81	2CKA002013A5459 1
	ivory white	20 EUCBLI-82	2CKA002013A5292 1
	aluminium silver ³⁾	20 EUCBLI-83	2CKA002013A5293 1
	studio white	20 EUCBLI-84	2CKA002013A5294 1
	studio white, matt ³⁾	20 EUCBLI-884	2CKA002013A5326 1
	black matt ³⁾	20 EUCBLI-885	2CKA002013A5331 1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Resistant to aggressive media, e.g. ammonia, benzene, oils, greases, alcohol, cleansing agents, in normal concentrations.

³⁾ Surface painted.


	SCHUKO® socket outlet ¹⁾ with labelling field DP (2 P + E) Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUN-81	2CKA002011A3802 10
	ivory white	20 EUN-82	2CKA002011A3726 10
	aluminium silver ²⁾	20 EUN-83	2CKA002011A3810 10
	studio white	20 EUN-84-500	2CKA002011A6209 10/100
	studio white, matt ²⁾	20 EUN-884	2CKA002011A3881 10
	black matt ²⁾	20 EUN-885	2CKA002011A3884 10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.

future® linear


Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
 SCHUKO® socket outlet ¹⁾ ²⁾ with label field, increased shock protection Size of labelling field: 60 x 9 mm. With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20	anthracite	20 EUCNB-81	2CKA002013A5427 10
	ivory white	20 EUCNB-82	2CKA002013A5428 10
	aluminium silver ³⁾	20 EUCNB-83	2CKA002013A5429 10/100
	studio white	20 EUCNB-84-500	2CKA002013A5431 10/100
	studio white, matt ³⁾	20 EUCNB-884	2CKA002013A5433 10/100
	black matt ³⁾	20 EUCNB-885	2CKA002013A5434 10/100
	red RAL 3020	20 EUCNB-12-82	2CKA002013A5423 10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Increased shock protection.


³⁾ Surface painted.

 SCHUKO® socket outlet ¹⁾ with marking "EDV" With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20	anthracite	20 EUCKS/DV-81	2CKA002013A5266 10
	ivory white	20 EUCKS/DV-82	2CKA002013A5267 10
	aluminium silver ²⁾	20 EUCKS/DV-83	2CKA002013A5273 10/100
	studio white	20 EUCKS/DV-84	2CKA002013A5268 10
	studio white, matt ²⁾	20 EUCKS/DV-884	2CKA002013A5327 10
	black matt ²⁾	20 EUCKS/DV-885	2CKA002013A5332 10

¹⁾ Increased shock protection.


²⁾ Surface painted.

 SCHUKO® socket outlet shuttered With marking "EDV". With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20	red RAL 3020	20 EUCKS/DV-12-82-101	2CKA002013A5463 10
--	--------------	------------------------------	--------------------

Product	Article-No.	Order-No.	Pack/Qty
 Busch-Protector® SCHUKO® socket outlet ¹⁾ with overvoltage protection DP (2 P + E) With integrated and external signalling contact. 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. Arrestor test class: classification Type 2 Rated voltage: 250 V~ Secondary: 250 V~ Rated current: 16 A Protection class (Device): IP 20	anthracite	2310 EUGL/VA-81-11	2CKA002011A3830 1
	ivory white	2310 EUGL/VA-82-11	2CKA002011A3831 1
	aluminium silver ²⁾	2310 EUGL/VA-83-11	2CKA002011A3832 1
	studio white	2310 EUGL/VA-84-11	2CKA002011A3833 1
	studio white, matt ²⁾	2310 EUGL/VA-884-112	2CKA002011A3882 1
	black matt ²⁾	2310 EUGL/VA-885-112	2CKA002011A3885 1
	red RAL 3020	2310 EUGL/VA-12-82-101	2CKA002011A6257 1/10

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Surface painted.


 SCHUKO® socket outlet with LED control light Shuttered. DP (2 P + E) With transparent lens. LED colour green. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20	anthracite	20 EUCBL-81	2CKA002013A5457 10
	ivory white	20 EUCBL-82	2CKA002013A5284 10
	aluminium silver ¹⁾	20 EUCBL-83	2CKA002013A5285 10
	studio white	20 EUCBL-84	2CKA002013A5286 10
	studio white, matt ¹⁾	20 EUCBL-884	2CKA002013A5336 10
	black matt ¹⁾	20 EUCBL-885	2CKA002013A5330 10
	Green, RAL 6032	20 EUCBL-13-84-101	2CKA002013A5467 10
	orange RAL 2004 ²⁾	20 EUCBL-14-84	2CKA002013A5288 10

¹⁾ Surface painted.

²⁾ Resistant to aggressive media, e.g., ammonia, benzene, oils, greases, alcohol, and cleansing agents, in normal concentrations.


future® linear

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Object socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Incl. Cover plate with extract mechanism. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUAB-81	2CKA002013A5404 10
	ivory white	20 EUAB-82	2CKA002013A5405 10
	aluminium silver ²⁾	20 EUAB-83	2CKA002013A5406 10
	studio white	20 EUAB-84	2CKA002013A5407 10
	studio white, matt ²⁾	20 EUAB-884	2CKA002013A5409 10
	black matt ²⁾	20 EUAB-885	2CKA002013A5410 10

¹⁾ Increased shock protection.

²⁾ Surface painted.


	FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) ¹⁾ ²⁾ ³⁾ with earth leakage circuit breaker Shuttered. DP cut off (P,N) Without PE monitoring. With connecting conductor and protection of downstream socket outlets. Rated fault current: 30 mA. With fixing claws. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 20 Temperature range (Device): -25 °C to 40 °C		
	anthracite	3120 EUCB-81	2CKA003116A0667 1/10
	ivory white	3120 EUCB-82	2CKA003116A0661 1
	aluminium silver ⁴⁾	3120 EUCB-83	2CKA003116A0668 1/10
	studio white	3120 EUCB-84	2CKA003116A0662 1
	studio white, matt ⁴⁾	3120 EUCB-884	2CKA003116A0670 1/10
	black matt ⁴⁾	3120 EUCB-885	2CKA003116A0671 1/10

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.


³⁾ Increased shock protection.

⁴⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Buschmat® FI - Insert ¹⁾ with earth leakage breaker with connecting conductor Protection of downstream consumers. Rated fault current: 30 mA. DP cut off (P,N) Without claw fixation. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 20 Temperature range (Device): -25 °C to 40 °C		
	anthracite	3151 UC-81	2CKA003117A0009 1/10
	ivory white	3151 UC-82	2CKA003117A0005 1/10
	aluminium silver ²⁾	3151 UC-83	2CKA003117A0010 1/10
	studio white	3151 UC-84	2CKA003117A0006 1/10
	studio white, matt ²⁾	3151 UC-884	2CKA003117A0012 1/10
	black matt ²⁾	3151 UC-885	2CKA003117A0013 1/10

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.


²⁾ Surface painted.

	SCHUKO® socket outlet with hinged lid With screwless terminals. DP (2 P + E) Hinged lid notches when opened. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUK-81	2CKA002018A1486 10
	ivory white	20 EUK-82	2CKA002018A1465 10
	aluminium silver ¹⁾	20 EUK-83	2CKA002018A1487 10
	studio white	20 EUK-84-500	2CKA002018A1509 10/100
	studio white, matt ¹⁾	20 EUK-884	2CKA002018A1494 10
	black matt ¹⁾	20 EUK-885	2CKA002018A1495 10


¹⁾ Surface painted.

future® linear


Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ¹⁾ with hinged lid and internal increased shock protection Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKB-81	2CKA002018A1517 10/100
	ivory white	20 EUKB-82	2CKA002018A1518 10/100
	aluminium silver ²⁾	20 EUKB-83	2CKA002018A1519 10/100
	studio white	20 EUKB-84	2CKA002018A1520 10/100
	studio white, matt ²⁾	20 EUKB-884	2CKA002018A1522 10/100
	black matt ²⁾	20 EUKB-885	2CKA002018A1523 10/100
	anthracite ³⁾	20 EUKBR-81	2CKA002018A1526 10/100
	ivory ³⁾	20 EUKBR-82	2CKA002018A1527 10/100
	aluminium silver ^{2) 3)}	20 EUKBR-83	2CKA002018A1528 10/100
	studio white ³⁾	20 EUKBR-84	2CKA002018A1529 10/100
	studio white, matt ^{2) 3)}	20 EUKBR-884	2CKA002018A1530 10/100
	black matt ^{2) 3)}	20 EUKBR-885	2CKA002018A1531 10/100


¹⁾ Increased shock protection .²⁾ Surface painted.³⁾ Without claw.

	SCHUKO® socket outlet ¹⁾ with hinged lid and lock Shuttered. With screwless terminals. DP (2 P + E) With different lock mechanism. Delivery includes 2 keys. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNBSL-81	2CKA002018A1557 10
	ivory white	20 EUKNBSL-82	2CKA002018A1559 10
	aluminium silver ²⁾	20 EUKNBSL-83	2CKA002018A1561 10
	studio white	20 EUKNBSL-84	2CKA002018A1563 10
	studio white, matt ²⁾	20 EUKNBSL-884	2CKA002018A1565 10
	black matt ²⁾	20 EUKNBSL-885	2CKA002018A1567 10

¹⁾ Increased shock protection .²⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ¹⁾ with hinged lid and lock Shuttered. With screwless terminals. DP (2 P + E) With evenly engaging lock. Delivery includes 2 keys. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNBSL-81-101	2CKA002018A1558 10
	ivory white	20 EUKNBSL-82-101	2CKA002018A1560 10
	aluminium silver ²⁾	20 EUKNBSL-83-101	2CKA002018A1562 10
	studio white	20 EUKNBSL-84-101	2CKA002018A1564 10
	studio white, matt ²⁾	20 EUKNBSL-884-101	2CKA002018A1566 10
	black matt ²⁾	20 EUKNBSL-885-101	2CKA002018A1568 10


¹⁾ Increased shock protection .²⁾ Surface painted.

	SCHUKO® socket outlet ^{1) 2)} with hinged lid and labelling field Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	anthracite	20 EUKNB-81	2CKA002018A1537 10/100
	ivory white	20 EUKNB-82	2CKA002018A1538 10/100
	red RAL 3020 ⁴⁾	20 EUKNB-12-82	2CKA002018A1533 10/100
	Green, RAL 6032 ⁴⁾	20 EUKNB-13-82	2CKA002018A1534 10/100
	orange RAL 2004 ⁴⁾	20 EUKNB-14-82	2CKA002018A1535 10/100
	aluminium silver ⁵⁾	20 EUKNB-83	2CKA002018A1539 10/100
	studio white	20 EUKNB-84	2CKA002018A1540 10/100
	studio white, matt ⁵⁾	20 EUKNB-884	2CKA002018A1541 10/100
	black matt ⁵⁾	20 EUKNB-885	2CKA002018A1542 10/100

¹⁾ Increased shock protection .²⁾ The labels are clamped under the labelling field.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.⁴⁾ With continuous coloured marking of cover plate and base.⁵⁾ Surface painted.

future® linear

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
 <p>SCHUKO® socket outlet ^{1) 2)} with hinged lid, labelling field and LED control light Shuttered. With screwless terminals. DP (2 P + E) with hinged lid Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>	anthracite	20 EUKNBL-81	2CKA002018A1548 10/100
	ivory white	20 EUKNBL-82	2CKA002018A1549 10/100
	red RAL 3020 ⁴⁾	20 EUKNBL-12-82	2CKA002018A1544 10/100
	Green, RAL 6032 ⁴⁾	20 EUKNBL-13-82	2CKA002018A1545 10/100
	orange RAL 2004 ⁴⁾	20 EUKNBL-14-82	2CKA002018A1546 10/100
	aluminium silver ⁵⁾	20 EUKNBL-83	2CKA002018A1550 10/100
	studio white	20 EUKNBL-84	2CKA002018A1551 10/100
	studio white, matt ⁵⁾	20 EUKNBL-884	2CKA002018A1552 10/100
	black matt ⁵⁾	20 EUKNBL-885	2CKA002018A1553 10/100


¹⁾ Increased shock protection.


²⁾ The labels are clamped under the labelling field.

³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

⁴⁾ With continuous coloured marking of cover plate and base.

⁵⁾ Surface painted.


 <p>SCHUKO® socket outlet shuttered DP (2 P + E) With screwless terminals. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>	Green, RAL 6032	20 EUCKS-13-82-101	2CKA002013A5470 10
	orange RAL 2004	20 EUCKS-14-82	2CKA002013A5324 10


 <p>SCHUKO® socket outlet ¹⁾ with marking Shuttered. With screwless terminals. DP (2 P + E) With continuous coloured marking of cover plate and base. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>	Green, RAL 6032 ²⁾	20 EUCB-13-82-102	2CKA002013A5472 10/100
	orange RAL 2004 ³⁾	20 EUCB-14-82-10	2CKA002013A5413 10/100

¹⁾ Increased shock protection.

²⁾ With imprint "PS"


³⁾ With imprint "CPS"

Product	Article-No.	Order-No.	Pack/Qty
 <p>SCHUKO® socket outlet with marking With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>	Green, RAL 6032	20 EUC-13-82-101	2CKA002011A6260 10
	orange RAL 2004	20 EUC-14-82	2CKA002011A3723 10

 <p>SCHUKO® socket outlet ^{1) 2)} with labelling field Size of labelling field: 60 x 9 mm. With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>	Green, RAL 6032	20 EUCNB-13-82	2CKA002013A5424 10
	orange RAL 2004	20 EUCNB-14-82	2CKA002013A5425 10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Increased shock protection.


 <p>Socket outlet ¹⁾ shuttered Without claws. With screw-type terminals. DP Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~ Rated current: 16 A</p>	anthracite	2300 UCRKS-81-503	2CKA002113A5339 10
	ivory white	2300 UCRKS-82-503	2CKA002113A0510 10
	studio white	2300 UCRKS-84-503	2CKA002113A0511 10
	studio white, matt ²⁾	2300 UCRKS-884-503	2CKA002113A5337 10
	black matt ²⁾	2300 UCRKS-885-503	2CKA002113A5340 10

¹⁾ Increased shock protection.


²⁾ Surface painted.

future® linear


Socket outlets


Product	Article-No.	Order-No.	Pack/Qty	
	Socket outlet ^{1) 2)} with earthing pin With screwless terminals. Shuttered. DP (2 P + E). For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Suitable for the countries like Poland, Czech Republic. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: Socket outlet connection Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm			
	anthracite	20 MUCBUSB-81-500	2CKA002017A0893	1
	ivory white	20 MUCBUSB-82-500	2CKA002017A0875	1
	aluminium silver ³⁾	20 MUCBUSB-83-500	2CKA002017A0894	1
	studio white	20 MUCBUSB-84-500	2CKA002017A0876	1
	studio white matt ³⁾	20 MUCBUSB-884-500	2CKA002017A0896	1
black matt ³⁾	20 MUCBUSB-885-500	2CKA002017A0897	1	


¹⁾ No data transfer.²⁾ Use dust cover 2098 when cleaning the device.³⁾ Surface painted.

 <p>Shaver socket outlet For installation into FM 2gang wall box 3030 and 3031. Rated voltage: 240 V, +10 % / -10 % Output voltage: 115 V, +10 % / -10 % Secondary: 240 V, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 20 VA</p>	anthracite	2332 UJBS-81	2CKA002130A0297	1
	studio white	2332 UJBS-84	2CKA002130A0292	1
	black matt ¹⁾	2332 UJBS-885	2CKA002130A0295	1


¹⁾ Surface painted.

 <p>Flush-mounting wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm</p>	3030	2CKA001741A0067	4
--	-------------	-----------------	---


 <p>Flush-mounting cavity wall box, 2gang For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 142 mm x 82 mm x 45 mm</p>	3031	2CKA001741A0068	4
---	-------------	-----------------	---

Product	Article-No.	Order-No.	Pack/Qty
	13 A Switched socket outlet		
	SP switched		
	1gang		
	Only for mounting in VDE flush-mounted wallboxes CFB 122 and CFBM 122.		
	Rated voltage: 250 V~ Rated current: 13 ABS 1363: part2		
anthracite	2190 EUC-81	2CKA002190A0216	10/100
studio white	2190 EUC-84	2CKA002190A0215	10/100
black matt ¹⁾	2190 EUC-885	2CKA002190A0219	10


¹⁾ Surface painted.

 <p>2gang European/American socket outlet, 10A 2gang With screw-type terminals. SP switched Without claws. Rated voltage: 250 V~ Rated current: 10 A delivery on request</p>	anthracite	2192-02 UC-81-500	delivery on request
	ivory white	2192-02 UC-82-500	delivery on request
	aluminium silver ¹⁾	2192-02 UC-83-500	delivery on request
	studio white	2192-02 UC-84-500	delivery on request

¹⁾ Surface painted.

 <p>Socket outlet ¹⁾ with earth pin With screwless terminals. Suitable for the countries: Belgium, Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A</p>	20 M-500	2CKA002017A0854	10/100
---	-----------------	-----------------	--------


¹⁾ Insert can be used for all covers 2399 UCKS-xx.

 <p>Socket outlet cover frame shuttered For socket outlet insert 20 M-500. Rated voltage: 250 V~</p>	anthracite	2399 UCKS-81	2CKA002099A0216	10
	ivory	2399 UCKS-82	2CKA002099A0211	10
	aluminium silver ¹⁾	2399 UCKS-83	2CKA002099A0241	10/100
	studio white	2399 UCKS-84	2CKA002099A0214	10
	studio white, matt ¹⁾	2399 UCKS-884	2CKA002099A0255	10
	black matt ¹⁾	2399 UCKS-885	2CKA002099A0256	10/100


¹⁾ Surface painted.

future® linear

Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 <p>Socket outlet with earthing pin With screwless terminals. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>	ivory white	20 MUC-82-500	2CKA002017A0785 10/100
	studio white	20 MUC-84-500	2CKA002017A0786 10/100
	studio white, matt ¹⁾	20 MUC-884-500	2CKA002017A0859 10


¹⁾ Surface painted.


 <p>Socket outlet ¹⁾ with earth. pin/increased shock protection With screwless terminals. Shuttered. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20</p>	anthracite	20 MUCKS-81-500	2CKA002017A0898 10
	ivory white	20 MUCKS-82-500	2CKA002017A0806 10
	aluminium silver ²⁾	20 MUCKS-83-500	2CKA002017A0899 10
	studio white	20 MUCKS-84-500	2CKA002017A0807 10
	studio white matt ²⁾	20 MUCKS-884-500	2CKA002017A0901 10
	black matt ²⁾	20 MUCKS-885-500	2CKA002017A0902 10


¹⁾ Socket outlet with integrated child protection. Replaces the usual term "...with child protection".

²⁾ Surface painted.


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

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

Product	Article-No.	Order-No.	Pack/Qty
 <p>Chinese and Euro American socket outlet, 10 A 1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1 Rated voltage: 250 V~ Rated current: 10 A</p>			delivery on request
	anthracite	2195 EUC/10-81-500	
			delivery on request
	ivory white	2195 EUC/10-82-500	
			delivery on request
	studio white	2195 EUC/10-84-500	


 <p>International socket outlet 13A ¹⁾ 1gang With screw-type terminals. Without claws. Rated voltage: 250 V~ Rated current: 13 A</p>			delivery on request
	anthracite	2197 EUC-81-500	
			delivery on request
	ivory white	2197 EUC-82-500	
			delivery on request
	studio white	2197 EUC-84-500	

¹⁾ Usage may be restricted in certain countries.

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


future® linear


Data communication

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


¹⁾ Suitable for cover plate 1803-xxx.

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

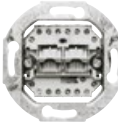
	Reset magnet For resetting WLAN access point UP 8186/31-101 and WLAN access point PoE UP 8186/41 to the factory settings. Protection class (Device): IP 20		
	8186/11-500	2CKA008100A0361	1

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


¹⁾ Suitable for cover plate 1803-xxx.

	Universal data connection box with down-leading outlet ¹⁾ 2gang internally parallel connected With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0214	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		

¹⁾ Suitable for cover plate 1803-02-xxx.

Product	Article-No.	Order-No.	Pack/Qty
	Universal data connection box with down-leading outlet ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0215	2CKA000230A0243	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		





¹⁾ Suitable for cover plate 1803-02-xxx.





	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang 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 wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20		
	0218/11-101	2CKA000230A0409	1/10

¹⁾ Suitable for cover plate 1803-xxx.

future® linear






Data communication





Product	Article-No.	Order-No.	Pack/Qty
	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 2 x outlets, 8/8-pole 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		
	0218/12-101	2CKA000230A0411	1/10
¹⁾ Suitable for cover plate 1803-02-xxx.			
	Universal data connection box 8(6)/ telephone unit 6F+N - connection box ¹⁾ 2 x 6-pole 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 UAE 8(6)TAE 6 F+N	2CKA000230A0381	10/100
¹⁾ Suitable for cover plate 2539-xxx, 1766-xxx and 1746-2xx-FN.			
	Satellite co-axial outlets 2 connectors/dead-end feeder 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		
	0230-101	2CKA000230A0250	10/100
	Antenna socket insert Radio/TV 2 connectors/loop through type 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		
	0231-101	2CKA000230A0268	10/100

Product	Article-No.	Order-No.	Pack/Qty
	Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder 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		
	0232-101-500	2CKA000230A0463	10/100
	Terminating resistor 75 Ohm Protection class (Device): IP 20		
	0239	2CKA000230A0201	10/100
	Mounting plate ¹⁾ ²⁾ with green insert 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		
	1810-500	2CKA001753A9974	10/100
¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.			
²⁾ For further information, please refer on the Internet.			
	Mounting plate ¹⁾ ²⁾ with red insert 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		
	1812-500	2CKA001753A9972	10/100
¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.			
²⁾ For further information, please refer on the Internet.			

future® linear


Data communication


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


Product	Article-No.	Order-No.	Pack/Qty
	Channel assembly adapter For the accommodation of one or two universal modules 0219. For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
	0219/13	2CKA000230A0396	1/10
	Universal module, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang For installation in installation adapter 0219/12 or 0219/13. Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. 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. Cat. 6A 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. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Bend-radius optimised cable feed (30°). Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. 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 For data cables with a diameter of 6 -10 mm. For wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20		
	0219-101	2CKA000230A0413	1/10
¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.			
	Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0210	2CKA000225A0078	10
	Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22). Protection class (Device): IP 20		
	0211	2CKA000225A0086	10

future® linear


Data communication

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

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


 Blank plate with metal mounting plate Protection class (Device): IP 20			
anthracite	1742-81	2CKA001710A3612	10
ivory white	1742-82	2CKA001710A3143	10
aluminium silver ¹⁾	1742-83	2CKA001710A3664	10
studio white	1742-84	2CKA001710A3161	10/100
studio white	1742-84-500	2CKA001710A3991	10/100
studio white, matt ¹⁾	1742-884	2CKA001710A3873	10/100
black matt ¹⁾	1742-885	2CKA001710A3895	10

¹⁾ Surface painted.

 Cover plate ¹⁾ with flex outlet As cover for flex outlet, for cords up to 10.3 mm diameter. With strain relief (without terminal block). Protection class (Device): IP 20			
anthracite	1749-81	2CKA001710A3614	10
ivory white	1749-82	2CKA001710A3145	10
aluminium silver ²⁾	1749-83	2CKA001710A3665	10
studio white	1749-84	2CKA001710A3163	10/100
studio white, matt ²⁾	1749-884	2CKA001710A3878	10
black matt ²⁾	1749-885	2CKA001710A3900	10


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

²⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK). BTR (universal data connecting unit design and IAE design). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20			
anthracite	1803-81	2CKA001710A3616	10
ivory white	1803-82	2CKA001710A3147	10
aluminium silver ²⁾	1803-83	2CKA001710A3674	10
studio white	1803-84-500	2CKA001710A1550	10/100
studio white, matt ²⁾	1803-884	2CKA001710A3889	10
black matt ²⁾	1803-885	2CKA001710A3912	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.


 Cover plate ¹⁾ 2gang As cover for universal data connection boxes. 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). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20			
anthracite	1803-02-81	2CKA001710A3615	10
ivory white	1803-02-82	2CKA001710A3146	10
aluminium silver ²⁾	1803-02-83	2CKA001710A3610	10/100
studio white	1803-02-84-500	2CKA001710A1551	10/100
studio white, matt ²⁾	1803-02-884	2CKA001710A3888	10
black matt ²⁾	1803-02-885	2CKA001710A3911	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Surface painted.

future® linear


Data communication

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20	anthracite	1766-81	2CKA001710A3613 10
	ivory white	1766-82	2CKA001710A3144 10/100
	aluminium silver ¹⁾	1766-83	2CKA001710A3659 10/100
	studio white	1766-84-500	2CKA001710A3992 10/100
	studio white, matt ¹⁾	1766-884	2CKA001710A3926 10
	black matt ¹⁾	1766-885	2CKA001710A3903 10

¹⁾ Surface painted.


 Cover plate As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Protection class (Device): IP 20	anthracite	1745-81	2CKA001710A3624 10
	ivory white	1745-82	2CKA001710A3155 10
	aluminium silver ¹⁾	1745-83	2CKA001710A3675 10
	studio white	1745-84	2CKA001710A3173 10
	studio white, matt ¹⁾	1745-884	2CKA001710A3874 10
	black matt ¹⁾	1745-885	2CKA001710A3896 10

¹⁾ Surface painted.

 Cover plate ¹⁾ socket outlet Telephone socket (TDO)	anthracite	1762-81-506	2CKA001710A4103 10/100
	ivory white	1762-82-506	2CKA001710A4104 10/100
	aluminium silver ²⁾	1762-83-506	2CKA001710A4105 10/100
	studio white	1762-84-506	2CKA001710A4106 10/100
	studio white matt ²⁾	1762-884-506	2CKA001710A4108 10/100
	black matt ²⁾	1762-885-506	2CKA001710A4109 10/100

¹⁾ Suitable insert: TDO 3x 10 OUP (for 1 telephone and 2 auxiliary devices).


²⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ ²⁾ as cover for standard Radio/TV/SAT socket outlets With 2 connectors Acc. to German Standard DIN 45330. Radio/TV/SAT. With M3 fixing screw. Protection class (Device): IP 20	anthracite	1743-81	2CKA001724A4252 10
	ivory white	1743-82	2CKA001724A2758 10
	aluminium silver ³⁾	1743-83	2CKA001724A4262 10
	studio white	1743-84-500	2CKA001724A4332 10/100
	studio white, matt ³⁾	1743-884	2CKA001724A4293 10/100
	black matt ³⁾	1743-885	2CKA001724A4298 10/100


¹⁾ Third opening can be knocked out.

²⁾ See inserts for satellite coaxial socket outlets.

³⁾ Surface painted.

 Cover plate As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann. Protection class (Device): IP 20	anthracite	1743-04-81	2CKA001724A4374 10
	ivory white	1743-04-82	2CKA001724A4375 10
	aluminium silver ¹⁾	1743-04-83	2CKA001724A4376 10
	studio white	1743-04-84	2CKA001724A4377 10
	studio white, matt ¹⁾	1743-04-884	2CKA001724A4379 10
	black matt ¹⁾	1743-04-885	2CKA001724A4380 10


¹⁾ Surface painted.

 Cover plate As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Protection class (Device): IP 20	anthracite	1743/10-04-81	2CKA001724A4365 10
	ivory white	1743/10-04-82	2CKA001724A4366 10
	aluminium silver ¹⁾	1743/10-04-83	2CKA001724A4367 10
	studio white	1743/10-04-84	2CKA001724A4368 10/100
	studio white, matt ¹⁾	1743/10-04-884	2CKA001724A4370 10
	black matt ¹⁾	1743/10-04-885	2CKA001724A4371 10

¹⁾ Surface painted.


future® linear

Data communication


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ with labelling field For modular jack with slide entrance. To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820. Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20			
anthracite	1800-81	2CKA001710A3627	10
ivory white	1800-82	2CKA001710A3158	10
aluminium silver ²⁾	1800-83	2CKA001710A3676	10
studio white	1800-84-500	2CKA001710A3990	10/100
studio white, matt ²⁾	1800-884	2CKA001710A3887	10
black matt ²⁾	1800-885	2CKA001710A3910	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


²⁾ Surface painted.

 Cover plate modular jack, For 1 modular jack. Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws. Protection class (Device): IP 20			
anthracite	2561-81	2CKA001753A0400	10
ivory white	2561-82	2CKA001753A0401	10
aluminium silver ¹⁾	2561-83	2CKA001753A0402	10
studio white	2561-84	2CKA001753A0403	10
studio white, matt ¹⁾	2561-884	2CKA001753A0405	10
black matt ¹⁾	2561-885	2CKA001753A0406	10


¹⁾ Surface painted.

 Cover plate modular jack, For 2 modular jack inserts. Suitable for Art. No. 0210 and 0211. Without claws. Protection class (Device): IP 20			
anthracite	2561-02-81	2CKA001753A0317	10
ivory white	2561-02-82	2CKA001753A0392	10
aluminium silver ¹⁾	2561-02-83	2CKA001753A0393	10
studio white	2561-02-84	2CKA001753A0394	10
studio white, matt ¹⁾	2561-02-884	2CKA001753A0396	10
black matt ¹⁾	2561-02-885	2CKA001753A0397	10


¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20			
anthracite	1746/10-81	2CKA001710A3628	10
ivory white	1746/10-82	2CKA001710A3521	10
aluminium silver ¹⁾	1746/10-83	2CKA001710A3677	10
studio white	1746/10-84-500	2CKA001710A3993	10/100
studio white, matt ¹⁾	1746/10-884	2CKA001710A3875	10
black matt ¹⁾	1746/10-885	2CKA001710A3897	10


¹⁾ Surface painted.

 Intermediate ring Reflex SI/SI Linear For fitting cover plates from the Busch-Duro 2000® SI and Reflex SI range. Protection class (Device): IP 20			
ivory white	1747 SI-82	2CKA001710A3862	10
aluminium silver ¹⁾	1747 SI-83	2CKA001710A4091	10
studio white	1747 SI-84	2CKA001710A3863	10

¹⁾ Surface painted.

 Intermediate ring Busch-balance® SI For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate. Protection class (Device): IP 20			
anthracite	1747 BSI-81	2CKA001710A4093	10
ivory white	1747 BSI-82	2CKA001710A4094	10
aluminium silver ¹⁾	1747 BSI-83	2CKA001710A4095	10
studio white	1747 BSI-84	2CKA001710A4096	10/100
studio white, matt ¹⁾	1747 BSI-884	2CKA001710A4098	10
black matt ¹⁾	1747 BSI-885	2CKA001710A4099	10

¹⁾ Surface painted.

 Cover plate With hinged lid. For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20			
anthracite	1746-81	2CKA001710A3618	10
ivory white	1746-82	2CKA001710A3149	10
aluminium silver ¹⁾	1746-83	2CKA001710A3678	10
studio white	1746-84	2CKA001710A3167	10
studio white, matt ¹⁾	1746-884	2CKA001710A3876	10
black matt ¹⁾	1746-885	2CKA001710A3898	10

¹⁾ Surface painted.

future® linear

Data communication

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



Intermediate ring with hinged lid ¹⁾

Busch-balance® SI

For attaching cover plates from the Busch-balance® SI range.

Delivery without cover plate.

With sealing ring.

With hinged lid.

Protection class (Device): IP 44

anthracite	2518-WD-81	2CKA001719A0217	10
ivory white	2518-WD-82	2CKA001719A0218	10
aluminium silver ²⁾	2518-WD-83	2CKA001719A0219	10
studio white	2518-WD-84	2CKA001719A0220	10
studio white, matt ²⁾	2518-WD-884	2CKA001719A0222	10
black matt ²⁾	2518-WD-885	2CKA001719A0223	10

¹⁾ Combinable only with covers for flush-mounted inserts

²⁾ Surface painted.



XLR centre plate

As cover for Neutrik plug connectors, type D series.

Without claws.

Protection class (Device): IP 20

anthracite	2553-81	2CKA001724A4399	10
ivory white	2553-82	2CKA001724A4400	10
aluminium silver ¹⁾	2553-83	2CKA001724A4401	10
studio white	2553-84	2CKA001724A4402	10
studio white, matt ¹⁾	2553-884	2CKA001724A4404	10
black matt ¹⁾	2553-885	2CKA001724A4405	10

¹⁾ Surface painted.



Cover plate with metal mounting plate

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.

Knock-out openings 6, 8, 18 mm.

Protection class (Device): IP 20

anthracite	1748-81	2CKA001710A3654	10
ivory white	1748-82	2CKA001710A3655	10
aluminium silver ¹⁾	1748-83	2CKA001710A3673	10
studio white	1748-84	2CKA001710A3656	10
studio white, matt ¹⁾	1748-884	2CKA001710A3877	10
black matt ¹⁾	1748-885	2CKA001710A3899	10

¹⁾ Surface painted.

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



Cover plate with metal mounting plate

As cover for BNC and TNC sockets.

Knock-out openings 6, 8, 18 mm.

Protection class (Device): IP 20

anthracite	1750-81	2CKA001710A3617	10
ivory white	1750-82	2CKA001710A3148	10
aluminium silver ¹⁾	1750-83	2CKA001710A3679	10
studio white	1750-84	2CKA001710A3166	10
studio white, matt ¹⁾	1750-884	2CKA001710A3879	10
black matt ¹⁾	1750-885	2CKA001710A3901	10

¹⁾ Surface painted.



Equipotential socket outlet

2gang

Without claws.

For connecting wires up to 1 x 6 mm² and 4 x 2.5 mm².

IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007

Connection bolts German Standard DIN 42801.

Protection class (Device): IP 20

anthracite	2095 UC-81	2CKA002495A0084	10
ivory white	2095 UC-82	2CKA002495A0085	10
aluminium silver ¹⁾	2095 UC-83	2CKA002495A0089	10
studio white	2095 UC-84	2CKA002495A0086	10
studio white, matt ¹⁾	2095 UC-884	2CKA002495A0091	10
black matt ¹⁾	2095 UC-885	2CKA002495A0092	10

¹⁾ Surface painted.



Cover plate with metal mounting plate

With screw-type terminal.

Fixed with central locknut.

As cover for pilot devices with a diameter of 22.5 mm

Without claws.


Protection class (Device): IP 20

anthracite	2533-81	2CKA001724A4254	10
ivory white	2533-82	2CKA001724A4255	10
yellow	2533-82-15	2CKA001724A4382	10
aluminium silver ¹⁾	2533-83	2CKA001724A4261	10
studio white	2533-84	2CKA001724A4256	10
studio white, matt ¹⁾	2533-884	2CKA001724A4296	10
black matt ¹⁾	2533-885	2CKA001724A4301	10

¹⁾ Surface painted.


future® linear

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate ¹⁾ with metal mounting plate for communication devices. With labelling field 60.2 x 10.2 mm. Without claws. Protection class (Device): IP 20		
	anthracite	1758-81	2CKA001724A4253 10
	ivory white	1758-82	2CKA001724A2759 10
	aluminium silver ²⁾	1758-83	2CKA001724A4263 10
	studio white	1758-84	2CKA001724A2761 10/100
	studio white, matt ²⁾	1758-884	2CKA001724A4307 10
	black matt ²⁾	1758-885	2CKA001724A4299 10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.

	Intermediate ring For attaching cover plates with the dimensions of 55 x 55 mm. Protection class (Device): IP 20		
	ivory white	1747-82	2CKA001710A3860 10
	aluminium silver ¹⁾	1747-83	2CKA001710A4090 10
	studio white	1747-84	2CKA001710A3861 10

¹⁾ Surface painted.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Busch-DigitalRadio ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ RDS stereo radio alarm clock for flush-mounted installation. Reception frequency: 87.50 MHz - 108.00 MHz. With display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time display. With alarm 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. Rated voltage: 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: 34 mm		
	8215 U-500	2CKA008200A0182	1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.



³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ 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.

future® linear

Multimedia / communication adapters



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Radio iNet ¹⁾ ²⁾ ³⁾ ⁴⁾ 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 		
	8216 U-500	2CKA008200A0153	1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

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

⁴⁾ 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
	Busch-Radio BTconnect ¹⁾ ²⁾ ³⁾ ⁴⁾ RDS stereo radio alarm clock for flush-mounted installation. With Bluetooth interface for music replay of mobile devices. Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time and date display. With alarm clock and snooze function. With short-time timer. 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: 2.1 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 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 47 mm Mounting depth: 32 mm 		
	8217 U-500	2CKA008200A0194	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

	Busch Bluetooth receiver ¹⁾ ²⁾ ³⁾ ⁴⁾ Bluetooth interface for music replay of mobile devices. With integrated amplifier. With external AUX input. For mono/stereo operation. Can be combined with the MDRC amplifier 8208. Admissible loudspeaker impedance: 4 - 16 Ohm Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.0 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 Display elements: LED for status display. 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 45 mm Mounting depth: 32 mm 		
	8219 U	2CKA008200A0198	1/10

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).


⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

future® linear

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Loudspeaker insert ¹⁾ 5 cm (2") For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U. For Busch Bluetooth receiver 8219 U. With broadband characteristics. With flat plug connector. Incl. speaker connection cable. Rated output: 2 W (RMS) Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm Protection class (Device): IP 20, SELV Mounting depth: 32 mm	8223 U-500	2CKA008200A0183	1/10

¹⁾ No claw. Screw-fixing via keyholes.


 Busch-powerDock Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ 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	6473 U-500	2CKA006400A0039	1/10
---	-------------------	-----------------	------

¹⁾ No claw. Screw-fixing via keyholes.


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


³⁾ 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.

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

 Busch-powerDock Charging cradle with Apple lightning connection ¹⁾ For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with lightning connection. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7. For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm	6473-500	2CKA006400A0081	1/10
---	-----------------	-----------------	------

¹⁾ Not released for use with the iPad.


Product	Article-No.	Order-No.	Pack/Qty
 Busch-powerDock Charging cradle with USB-C connection For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm	6473/11-500	2CKA006400A0083	1/10

 USB charging station insert ¹⁾ ²⁾ ³⁾ For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm Mounting depth: 32 mm	6474 U-500	2CKA006400A0033	1/10
---	-------------------	-----------------	------

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

 USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used: Rated current: 1400 mA Suitable for: In case two output are used: Rated current: 700 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm Mounting depth: 32 mm	6472 U-500	2CKA006400A0002	1
--	-------------------	-----------------	---

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

⁴⁾ Use dust cover 2098 when cleaning the device.

future® linear

Multimedia / communication adapters

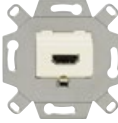
Product	Article-No.	Order-No.	Pack/Qty
 <p>USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 120 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz / 60 Hz Suitable for: In case one output is used: Rated current: 3 A Suitable for: In case two output are used: Rated current: 1.500 mA 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</p> <p>Available from November 2019</p>	6472 U-500-101	2CKA006400A0094	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.


³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

⁴⁾ Use dust cover 2098 when cleaning the device.

Product	Article-No.	Order-No.	Pack/Qty
 <p>HDMI connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>			

white	0261/31-500	2CKA000230A0430	1
grey	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.




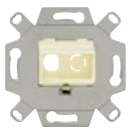
 <p>VGA connection unit ¹⁾ with screw-type terminals and strain relief Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To link analogue video data between PCs and laptops to monitors or digital projectors etc. VGA-type: D-type, 15-pole. Fully HD ready (1920 x 1080 pixel). For 15-wire VGA-cables via screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. For easy installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>			
--	--	--	--





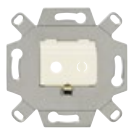

white	0261/21-500	2CKA000230A0424	1
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

future® linear


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 <p>USB connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	white	0261/11-500	2CKA000230A0418 1
	grey	0261/13-500	2CKA000230A0420 1
	alpine white	0261/12-500	2CKA000230A0419 1
	¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.		
 <p>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</p>	white	0262/11-500	2CKA000230A0436 1
	grey	0262/13-500	2CKA000230A0438 1
	alpine white	0262/12-500	2CKA000230A0437 1
 <p>F duct-jack for communication adapter For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20</p>	metal clad	0262-500	2CKA000230A0440 1
 <p>Communication adapter for Cinch-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</p>	white	0263/11-500	2CKA000230A0444 1
	grey	0263/13-500	2CKA000230A0446 1
	alpine white	0263/12-500	2CKA000230A0445 1


Product	Article-No.	Order-No.	Pack/Qty
 <p>Cinch-jacks for communication adapter 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</p>	alpine white	0263/04-500	2CKA000230A0451 1
 <p>Cinch-jacks for communication adapter 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</p>	black	0263/05-500	2CKA000230A0452 1
 <p>Cinch-jacks for communication adapter 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</p>	Red	0263/06-500	2CKA000230A0453 1
 <p>Cinch-jacks for communication adapter 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</p>	yellow	0263/07-500	2CKA000230A0454 1
 <p>Communication adapter for Mini-jacks 3,5mm. 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</p>	white	0264/11-500	2CKA000230A0458 1
	grey	0264/13-500	2CKA000230A0460 1
	alpine white	0264/12-500	2CKA000230A0459 1
 <p>Mini-jack 3,5 mm for communication adapter 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</p>	chrome gloss	0264-500	2CKA000230A0462 1

future® linear


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
white	0248/02-101	2CKA000230A0402	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
alpine white	0248/04-101-500	2CKA000230A0464	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
anthracite	0248/05-101	2CKA000230A0404	10/100


¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

 Cover plate For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U.			
anthracite	8252-81	2CKA008200A0050	10
ivory white	8252-82	2CKA008200A0051	10
aluminium silver ¹⁾	8252-83	2CKA008200A0052	10
studio white	8252-84	2CKA008200A0053	10
studio white, matt ¹⁾	8252-884	2CKA008200A0122	10
black matt ¹⁾	8252-885	2CKA008200A0125	10


¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate For loudspeaker insert 8223 U.			
anthracite	8253-81	2CKA008200A0078	1/10
ivory white	8253-82	2CKA008200A0079	1/10
aluminium silver ¹⁾	8253-83	2CKA008200A0080	1/10
studio white	8253-84	2CKA008200A0081	1/10
studio white, matt ¹⁾	8253-884	2CKA008200A0123	1/10
black matt ¹⁾	8253-885	2CKA008200A0126	1/10

¹⁾ Surface painted.

 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE). Protection class (Device): IP 20			
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
aluminium silver ¹⁾	1766-83	2CKA001710A3659	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
studio white, matt ¹⁾	1766-884	2CKA001710A3926	10
black matt ¹⁾	1766-885	2CKA001710A3903	10


¹⁾ Surface painted.

 Cover plate with metal mounting plate With fixing claws. loudspeaker inserts and cover. With screw-type terminals. Conductor cross-sections up to 4 mm ² rigid. Protection class (Device): IP 20			
anthracite	1751-81	2CKA001723A0253	10
ivory white	1751-82	2CKA001723A0239	10
aluminium silver ¹⁾	1751-83	2CKA001723A0254	10
studio white	1751-84	2CKA001723A0240	10/100
studio white, matt ¹⁾	1751-884	2CKA001723A0260	10
black matt ¹⁾	1751-885	2CKA001723A0259	10


¹⁾ Surface painted.

future® linear


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate with rotary control, with marking As a cover for volume controllers. Suitable for the "LR 15 mono BJ UP" devices of WHD. Protection class (Device): IP 20		
	anthracite	1740 DR/03-81	2CKA001710A4120 10
	ivory white	1740 DR/03-82	2CKA001710A3807 10
	aluminium silver ¹⁾	1740 DR/03-83	2CKA001710A3811 10
	studio white	1740 DR/03-84	2CKA001710A3808 10
	studio white, matt ¹⁾	1740 DR/03-884	2CKA001710A3870 10
	black matt ¹⁾	1740 DR/03-885	2CKA001710A3892 10


¹⁾ Surface painted.

	Cover plate For Busch Bluetooth receiver 8219 U.		
	anthracite	8255-81	2CKA008200A0211 1
	ivory white	8255-82	2CKA008200A0212 1
	aluminium silver ¹⁾	8255-83	2CKA008200A0213 1
	studio white	8255-84	2CKA008200A0214 1/10
	studio white, matt ¹⁾	8255-884	2CKA008200A0217 1
	black matt ¹⁾	8255-885	2CKA008200A0218 1

¹⁾ Surface painted.

	Cover plate for Busch-powerDock For Busch-powerDock charging cradle.		
	anthracite	6477-81	2CKA006400A0056 10
	ivory white	6477-82	2CKA006400A0057 10
	aluminium silver ¹⁾	6477-83	2CKA006400A0058 10
	studio white	6477-84	2CKA006400A0059 10/100
	studio white, matt ¹⁾	6477-884	2CKA006400A0062 10
	black matt ¹⁾	6477-885	2CKA006400A0063 10


¹⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
	Cover plate For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.		
	anthracite	6478-81	2CKA006400A0012 1
	ivory white	6478-82	2CKA006400A0014 1
	aluminium silver ¹⁾	6478-83	2CKA006400A0016 1
	studio white	6478-84	2CKA006400A0018 1
	studio white, matt ¹⁾	6478-884	2CKA006400A0026 1
	black matt ¹⁾	6478-885	2CKA006400A0028 1

¹⁾ Surface painted.

future® linear

Room thermostats


Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 U-500	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.		
¹⁾ 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)			
²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter.			
³⁾ Switching temperature difference: ± 0.5 K.			


	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Slide switch 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. 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: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1095 U-500	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.		


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.


Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Sliding switch, 24 V 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. 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 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1096 U	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.		
¹⁾ 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) ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat, e.g., Art. No. 6164/10 . ³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted ^{1) 2) 3)} 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 °CEN 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.		
¹⁾ 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) ²⁾ Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101. ³⁾ Switching temperature difference: ± 0.5 K.			

	Room thermostat, flush-mounted 1) 2) 3) Actual value indication With actual value temperature display. Automatic controller calibration. Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1094 UTA	2CKA001032A0487	1/10
¹⁾ 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) ²⁾ Servo-valves, "closed when de-energized", are necessary for connection to thermostat. e.g. Article No. 6164/10-, see KNX chapter. ³⁾ Switching temperature difference: ± 0.5 K.			

future® linear


Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Sliding switch, actual value indication 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1095 UTA	2CKA001032A0488	1/10

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ 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 °CEN 60730-2-9, British Standard EN 60669-2-1</p>	1096 UTA	2CKA001032A0489	1/10
--	-----------------	-----------------	------

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ 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 AEN 60730-2-9, British Standard EN 60669-2-1</p>	1097 UTA	2CKA001032A0490	1/10
--	-----------------	-----------------	------

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ 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 °CEN 60730-2-9</p>	1098 U-101	2CKA001032A0508	1/10

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

 <p>Room thermostat, flush-mounted ¹⁾ 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: 1mm² to 2.5 mm² 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 1EN 60730-2-9, British Standard EN 60669-2-1</p>	1095 UF	2CKA001032A0497	1/10
--	----------------	-----------------	------

¹⁾ 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)


future® linear

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted 1) 2) Change-over contact, setpoint indication, timer, remote sensor 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 Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. 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: 16 A Temperature range (Device): 10 °C to 50 °CEN 60730-2-9		
	1098 UF-101	2CKA001032A0509	1/10

¹⁾ 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)


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

	Room thermostat, flush-mounted 1) 2) 3) Heating/cooling 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1099 UHK	2CKA001032A0515	1/10

¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch 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 Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~ Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1		
	1099 UHKEA	2CKA001032A0516	1/10


¹⁾ 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)

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


³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
	Cover plate for room thermostat For room thermostats 1094 U, 1097 U.		
	anthracite	1794-81	2CKA001710A3629 10
	ivory white	1794-82	2CKA001710A3543 10
	aluminium silver 1)	1794-83	2CKA001710A3668 10
	studio white	1794-84	2CKA001710A3544 10
	studio white, matt 1)	1794-884	2CKA001710A3884 10
	black matt 1)	1794-885	2CKA001710A3907 10

¹⁾ Surface painted.

	Cover plate for room thermostat 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	1795-81	2CKA001710A3630 10
	ivory white	1795-82	2CKA001710A3568 10
	aluminium silver 1)	1795-83	2CKA001710A3669 10
	studio white	1795-84	2CKA001710A3569 10
	studio white, matt 1)	1795-884	2CKA001710A3886 10
	black matt 1)	1795-885	2CKA001710A3909 10

¹⁾ Surface painted.

	Cover plate for room thermostat For room thermostats 1094 UTA, 1097 UTA.		
	anthracite	1794 TA-81	2CKA001710A3695 10
	ivory white	1794 TA-82	2CKA001710A3696 10
	aluminium silver 1)	1794 TA-83	2CKA001710A3697 10
	studio white	1794 TA-84	2CKA001710A3698 10
	studio white, matt 1)	1794 TA-884	2CKA001710A3883 10
	black matt 1)	1794 TA-885	2CKA001710A3906 10

¹⁾ Surface painted.

future® linear

Room thermostats

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



Cover plate for room thermostat

With sliding switch for nightly room temperature reduction.
For room thermostats 1095 UTA, 1096 UTA.

anthracite	1795 TA-81	2CKA001710A3722	10
ivory white	1795 TA-82	2CKA001710A3723	10
aluminium silver ¹⁾	1795 TA-83	2CKA001710A3724	10
studio white	1795 TA-84	2CKA001710A3725	10
studio white, matt ¹⁾	1795 TA-884	2CKA001710A3885	10
black matt ¹⁾	1795 TA-885	2CKA001710A3908	10

¹⁾ Surface painted.



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.
For Busch-CO2 sensor 1091 U-500.

anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
aluminium silver ¹⁾	6435-83	2CKA006430A0305	10
studio white	6435-84	2CKA006430A0306	10
studio white, matt ¹⁾	6435-884	2CKA006430A0388	10
black matt ¹⁾	6435-885	2CKA006430A0389	10

¹⁾ Surface painted.



Cover plate for room thermostat

For room temperature controller 1099 UHK.

anthracite	1795 HK-81	2CKA001710A4013	10
ivory white	1795 HK-82	2CKA001710A4015	10
aluminium silver ¹⁾	1795 HK-83	2CKA001710A4016	10
studio white	1795 HK-84	2CKA001710A4017	10
studio white, matt ¹⁾	1795 HK-884	2CKA001710A4019	10
black matt ¹⁾	1795 HK-885	2CKA001710A4020	10

¹⁾ Surface painted.

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



Cover plate for room thermostat


For room temperature controller 1099 UHKEA.
With sliding switch for switchover between cooling or heating.

anthracite	1795 HKEA-81	2CKA001710A4045	10
ivory white	1795 HKEA-82	2CKA001710A4047	10
aluminium silver ¹⁾	1795 HKEA-83	2CKA001710A4048	10
studio white	1795 HKEA-84	2CKA001710A4049	10
studio white, matt ¹⁾	1795 HKEA-884	2CKA001710A4051	10
black matt ¹⁾	1795 HKEA-885	2CKA001710A4052	10

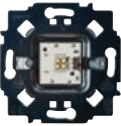
¹⁾ Surface painted.

future® linear


LED light

Product	Article-No.	Order-No.	Pack/Qty
	Flush-mounted LED insert ^{1) 2)} Power module warm white For Busch-iceLight wall and ceiling module Type 2068/xx. High brightness, e.g. for the display of information. Colour temperature: 2,700 K (warm white) Not dimmable. Light intensity can be switched between 100% and 25% using front service switch. System power consumption: 5 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 350 mA (secondary) Secondary: SELV Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 40 °CEN 62031/VDE 0715-5 of Jan. 2009		
	2067/11 U	2CKA001510A0001	1/10


¹⁾ Use relay inserts when switching through movement sensors or comfort switches.
²⁾ For switching the LED flush mounted insert use switches without orientation light only.

	Flush-mounted LED insert ^{1) 2)} Power module neutral white For Busch-iceLight wall and ceiling module Type 2068/xx. High brightness, e.g. for the display of information. Colour temperature: 4,000 K (neutral white) Not dimmable. Light intensity can be switched between 100% and 25% using front service switch. System power consumption: 5 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 350 mA (secondary) Secondary: SELV Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 40 °CEN 62031/VDE 0715-5 of Jan. 2009		
	2067/12 U	2CKA001510A0002	1/10


¹⁾ Use relay inserts when switching through movement sensors or comfort switches.
²⁾ For switching the LED flush mounted insert use switches without orientation light only.

	Flush-mounted LED insert ^{1) 2)} Night light warm white For Busch-iceLight wall and ceiling module Type 2068/xx. For low brightness (night light). Colour temperature: 3,000 K (warm white) Not dimmable. System power consumption: 0.15 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 40 mA (secondary) Secondary: SELV Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 40 °CEN 62031/VDE 0715-5 of Jan. 2009		
	2067/13 U	2CKA001510A0012	1/10


¹⁾ Use relay inserts when switching through movement sensors or comfort switches.
²⁾ For switching the LED flush mounted insert use switches without orientation light only.

Product	Article-No.	Order-No.	Pack/Qty
	Flush-mounted LED insert ^{1) 2)} Night light warm white For Busch-iceLight wall and ceiling module Type 2068/xx. For low brightness (night light). Colour temperature 6,500 K (cold white) Not dimmable. System power consumption: 0.15 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 40 mA (secondary) Secondary: SELV Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 40 °CEN 62031/VDE 0715-5 of Jan. 2009		
	2067/14 U	2CKA001510A0013	1/10

¹⁾ Use relay inserts when switching through movement sensors or comfort switches.
²⁾ For switching the LED flush mounted insert use switches without orientation light only.

	Info light unit ^{1) 2)} Size of information field 43 x 43 mm. Long service life of the lighting element (LEDs). Homogeneous backlighting of the information field. Colour temperature 6,500 K (cold white) Power consumption: < 0.5 W Rated voltage: 230 V~ Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20		
	2062 U	2CKA001511A0115	1/10


¹⁾ Use relay inserts when switching through movement sensors or comfort switches.
²⁾ For switching the LED flush mounted insert use switches without orientation light only.

	Cover plate ^{1) 2)} As cover for flush-mounted info light. For insert 2062 U. Size of information field 43 x 43 mm. Protection class (Device): IP 20		
anthracite	1716-81	2CKA001731A1921	1
ivory white	1716-82	2CKA001731A1922	1
aluminium silver ³⁾	1716-83	2CKA001731A1950	1
studio white	1716-84	2CKA001731A1923	1
studio white, matt ³⁾	1716-884	2CKA001731A1978	1
black matt ³⁾	1716-885	2CKA001731A1980	1

¹⁾ Included with the cover are 46 different text labels and symbols.



²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Surface painted.



	Ceiling module solo/future® linear flush-type For ambient lightning. Light outlet downward. Flat construction type, almost flush with frame; combinable. Dimensions: (L x W x D): 63 mm x 63 mm x 9 mm		
	2068/22-84	2CKA001510A0017	1

future® linear

LED light


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate for indication lamp For insert 2061/2661 U. As cover for flush-mounted light signal. Protection class (Device): IP 20			
anthracite	1756-81	2CKA001753A0089	10
ivory white	1756-82	2CKA001753A0090	10
aluminium silver ¹⁾	1756-83	2CKA001753A0091	10
studio white	1756-84	2CKA001753A0092	10
studio white, matt ¹⁾	1756-884	2CKA001753A0251	10
black matt ¹⁾	1756-885	2CKA001753A0252	10
¹⁾ Surface painted.			
 Cap for indication lamp For indication lamps. Protection class (Device): IP 20			
clear-transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10

WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
 Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 1-channel 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. For LED display WaveLINE 6730-xxx. 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			
ivory white	6731-82-500	2CKA006730A0032	1/10
aluminium silver ³⁾	6731-83-500	2CKA006730A0035	1/10
studio white	6731-84-500	2CKA006730A0038	1/10
¹⁾ Battery included in delivery.			
²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
³⁾ Surface painted.			
 Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 2-channel 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. For LED display WaveLINE 6730-xxx. 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			
ivory white	6732-82-500	2CKA006730A0033	1/10
aluminium silver ³⁾	6732-83-500	2CKA006730A0036	1/10
studio white	6732-84-500	2CKA006730A0039	1/10
¹⁾ Battery included in delivery.			
²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
³⁾ Surface painted.			

future® linear


WaveLINE control elements

Product	Article-No.	Order-No.	Pack/Qty
	Wall-mounted transmitter WaveLINE ¹⁾ ²⁾ 4-channel 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. For LED display WaveLINE 6730-xxx. 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		
	ivory white	6733-82-500	2CKA006730A0034 1/10
	aluminium silver ³⁾	6733-83-500	2CKA006730A0037 1/10
	studio white	6733-84-500	2CKA006730A0040 1/10

¹⁾ Battery included in delivery.

²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

³⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	WaveLINE LED display ¹⁾ For status display of window handle positions: open = red, closed = green, tilted = yellow. Direct onsite operation possible for switching / dimming an electrical device depending on the flush-mounted insert. 4 individual LED display channels. Up to 8 WaveLine transmitters can be taught-in on each LED display channel. Up to 8 WaveLine transmitters can be taught-in on onsite operation. After a power cut all LED-Display channels light in red. The cyclic telegram repeat of the WaveLINE window position sensor 6720-xxx sensor automatically updates the window open state. Status display for depleted WaveLINE transmitter battery. Status display for faulty transmission link and defective WaveLINE transmitter. User-friendly start-up without PC / software. Printed labelling sheet with 8 different inlay sheets. For WaveLINE window position sensor 6720-6x. For WaveLINE 6721-xx universal signalling unit. For Busch-Watchdog 220 WaveLINE 6747 AGM. For Busch-Universal relay switch insert 6404 U. For universal dimmer switch insert 6595 U. Free-field range: approx. 100 m. Send/receive frequency: 868 MHz. 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	6730-81	2CKA006730A0014 1
	ivory white	6730-82	2CKA006730A0015 1
	aluminium silver ²⁾	6730-83	2CKA006730A0016 1
	studio white	6730-84	2CKA006730A0017 1
	studio white, matt ²⁾	6730-884	2CKA006730A0026 1
	black matt ²⁾	6730-885	2CKA006730A0027 1


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Surface painted.

future® linear


Busch-Infoline®

Accessories

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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

 Cover plate ¹⁾ ²⁾ 2gang, with labelling field With operating knob. For signal push-button insert 1520/1 UKZ. With labelling field 61 x 20 mm. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm			
studio white	1572 CN-84	2CKA001582A0348	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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

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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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


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


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


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

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


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

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

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


 DIN A 4 labelling sheet ¹⁾ plastic foil Suitable for all to be labeled Busch-Jaeger devices. For laser printer. The text of the foil is printed via the Busch-Jaeger labeling service.			
translucent	1799/02	2CKA001799A0959	1
transparent	1799/03	2CKA001799A0960	1

¹⁾ 1 piece = 1 sheet.


 RC suppressor For protection against the damage or destruction of electronic devices due to overvoltages. 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. Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz			
	6899	2CKA006899A0231	10

future® linear


Accessories

Product	Article-No.	Order-No.	Pack/Qty
 Surface-mounting box Box for inserts and cover plates with cover frame. Protection class (Device): IP 20			
1gang box			
anthracite	1701-81	2CKA001799A0895	10
ivory white	1701-82	2CKA001799A0896	10
aluminium silver ¹⁾	1701-83	2CKA001799A0905	10
studio white	1701-84-500	2CKA001799A0982	10/100
studio white, matt ¹⁾	1701-884	2CKA001799A0921	10
black matt ¹⁾	1701-885	2CKA001799A0923	10
2gang box			
anthracite	1702-81	2CKA001799A0900	10
ivory white	1702-82	2CKA001799A0901	10
aluminium silver ¹⁾	1702-83	2CKA001799A0906	10
studio white	1702-84	2CKA001799A0902	10
studio white, matt ¹⁾	1702-884	2CKA001799A0922	10
black matt ¹⁾	1702-885	2CKA001799A0924	10
3gang box			
anthracite	1703-81	2CKA001799A0915	1
ivory white	1703-82	2CKA001799A0916	1
aluminium silver ¹⁾	1703-83	2CKA001799A0917	1
studio white	1703-84	2CKA001799A0918	1
studio white, matt ¹⁾	1703-884	2CKA001799A0955	1
black matt ¹⁾	1703-885	2CKA001799A0956	1

¹⁾ Surface painted.

 Cable entry for SM box Suitable for 1701-8x and 1702-8x. Trunking dimension: 15 x 15 mm to 19 x 19 mm. Protection class (Device): IP 20			
anthracite	2087-81	2CKA001761A1493	10
ivory white	2087-82	2CKA001761A1494	10
aluminium silver ¹⁾	2087-83	2CKA001761A1504	10
studio white	2087-84	2CKA001761A1495	10


¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
 Cable entry for SM box Suitable for 1701-8x and 1702-8x. Protection class (Device): IP 20			
anthracite	2088-81	2CKA001761A1498	10
ivory white	2088-82	2CKA001761A1499	10
aluminium silver ¹⁾	2088-83	2CKA001761A1505	10
studio white	2088-84	2CKA001761A1500	10


¹⁾ Surface painted.

future® linear


Cover frames

Product	Article-No.	Order-No.	Pack/Qty
 future® linear Cover frame 1gang frame With small corner radii for trunking systems. Protection class (Device): IP 20			
anthracite	1721-181K	2CKA001754A4240	10
ivory white	1721-182K-500	2CKA001754A4506	10/100
studio white	1721-184K-500	2CKA001754A4498	10/100
aluminium silver ¹⁾	1721-183K-500	2CKA001754A4529	10/100
studio white, matt ¹⁾	1721-884K-500	2CKA001754A4531	10/100
black matt ¹⁾	1721-885K-500	2CKA001754A4532	10/100


¹⁾ Surface painted.

 future® linear Cover frame 2gang frame With small corner radii for trunking systems. Protection class (Device): IP 20			
anthracite	1722-181K	2CKA001754A4241	10
ivory white	1722-182K	2CKA001754A4231	10
aluminium silver ¹⁾	1722-183K-500	2CKA001754A4530	10/100
studio white	1722-184K-500	2CKA001754A4499	10/100
studio white, matt ¹⁾	1722-884K	2CKA001754A4415	10
black matt	1722-885K-500	2CKA001754A4534	10/100


¹⁾ Surface painted.

 future® linear Cover frame 3gang frame With small corner radii for trunking systems. Protection class (Device): IP 20			
anthracite	1723-181K	2CKA001754A4242	10
ivory white	1723-182K	2CKA001754A4232	10
aluminium silver ¹⁾	1723-183K-500	2CKA001754A4533	10/100
studio white	1723-184K-500	2CKA001754A4502	10/100
studio white, matt ¹⁾	1723-884K	2CKA001754A4416	10
black matt ¹⁾	1723-885K	2CKA001754A4421	10/100


¹⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 future® linear Cover frame 4gang frame With small corner radii for trunking systems. Protection class (Device): IP 20			
anthracite	1724-181K	2CKA001754A4243	10
ivory white	1724-182K	2CKA001754A4233	10
aluminium silver ¹⁾	1724-183K	2CKA001754A4309	10
studio white	1724-184K	2CKA001754A4238	10
studio white, matt ¹⁾	1724-884K	2CKA001754A4417	10
black matt ¹⁾	1724-885K	2CKA001754A4422	10

¹⁾ Surface painted.

 future® linear Cover frame 5gang frame With small corner radii for trunking systems. Protection class (Device): IP 20			
anthracite	1725-181K	2CKA001754A4244	1
ivory white	1725-182K	2CKA001754A4234	1
aluminium silver ¹⁾	1725-183K	2CKA001754A4310	1
studio white	1725-184K-500	2CKA001754A4517	1
studio white, matt ¹⁾	1725-884K	2CKA001754A4418	1
black matt ¹⁾	1725-885K	2CKA001754A4423	1

¹⁾ Surface painted.

 future® linear Cover frame 1gang frame With small corner radii for trunking systems. Protection class (Device): IP 20			
red RAL 3020	1721-12-182K-101	2CKA001754A4713	10






 future® linear Cover frame 2gang frame With small corner radii for trunking systems. Protection class (Device): IP 20			
red RAL 3020	1722-12-182K-101	2CKA001754A4714	10

 future® linear Cover frame ¹⁾ 1gang frame With labelling field and label holder. With small corner radii for trunking systems. Protection class (Device): IP 20			
studio white	1721-184 NSK-500	2CKA001754A4527	10/100

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.






future® linear

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	future® linear Cover frame ¹⁾ 3gang frame With labelling field and label holder. With small corner radii for trunking systems. Vertical. Protection class (Device): IP 20		
	studio white	1723-184 NSK	2CKA001754A4366 10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	future® linear Cover frame ¹⁾ 4gang frame With labelling field and label holder. With small corner radii for trunking systems. Vertical. Protection class (Device): IP 20		
	studio white	1724-184 NSK	2CKA001754A4367 1
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	future® linear Cover frame ¹⁾ 2gang frame With labelling field and label holder. With small corner radii for trunking systems. Horizontal Protection class (Device): IP 20		
	studio white	1732-184 NSK	2CKA001754A4368 10/100
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	future® linear Cover frame ¹⁾ 3gang frame With labelling field and label holder. With small corner radii for trunking systems. Horizontal Protection class (Device): IP 20		
	studio white	1733-184 NSK	2CKA001754A4369 10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
	future® linear Cover frame ¹⁾ 4gang frame With labelling field and label holder. With small corner radii for trunking systems. Horizontal Protection class (Device): IP 20		
	studio white	1734-184 NSK	2CKA001754A4370 1
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			

future®

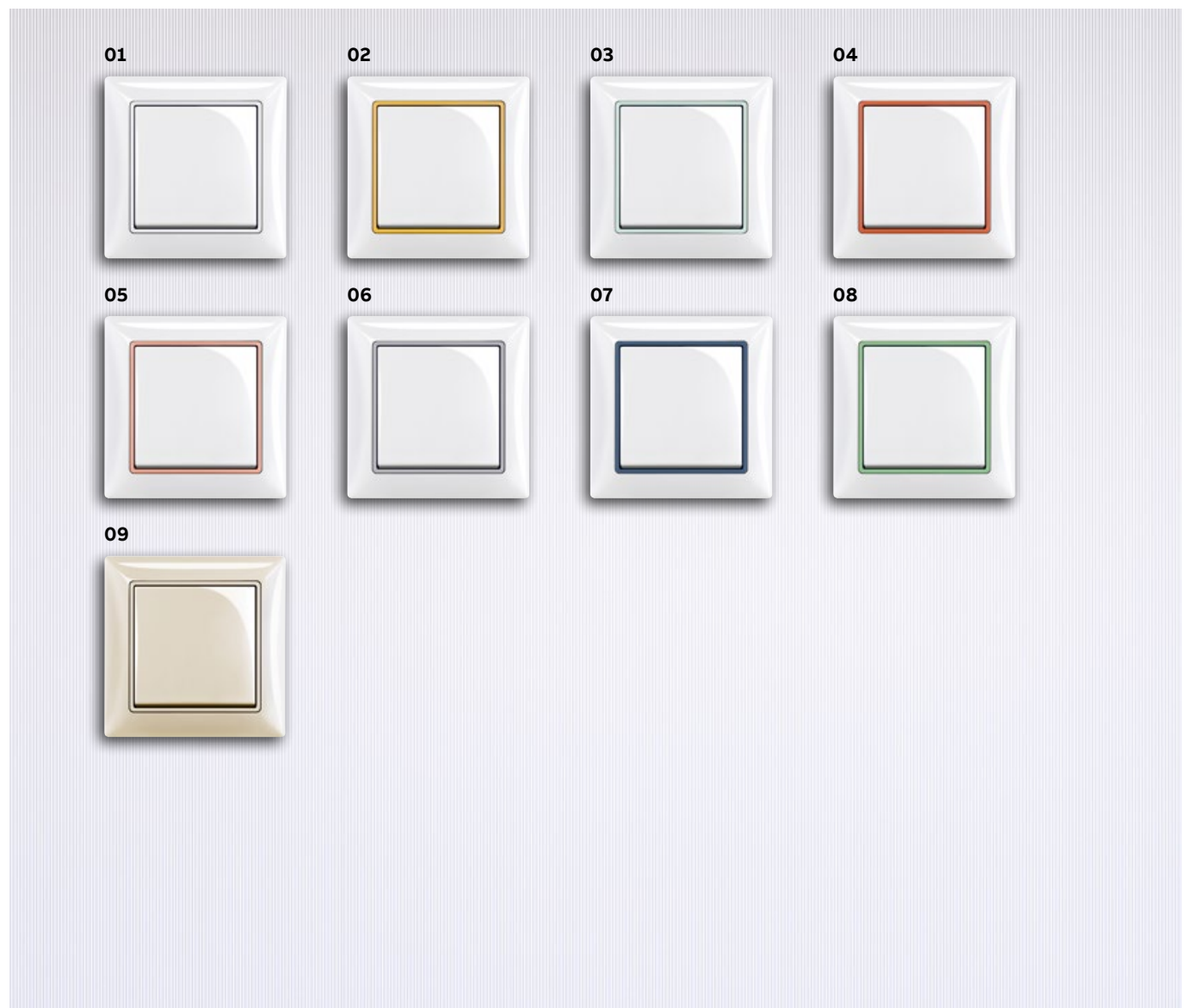
Cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame ¹⁾ 1gang frame With rounded edges and corners. Protection class (Device): IP 20		
	ivory white	1721-182	2CKA001754A4168 10/100
¹⁾ Suitable for installation in trunking systems with 80 mm conduit.			
	Cover frame 2gang frame For vertical or horizontal installation. With rounded edges and corners. Protection class (Device): IP 20		
	ivory white	1722-182	2CKA001754A4169 10/100
	Cover frame 3gang frame For vertical or horizontal installation. With rounded edges and corners. Protection class (Device): IP 20		
	ivory white	1723-182	2CKA001754A4170 10/100
	Cover frame 4gang frame For vertical or horizontal installation. With rounded edges and corners. Protection class (Device): IP 20		
	ivory white	1724-182	2CKA001754A4171 1
	Cover frame 5gang frame For vertical or horizontal installation. With rounded edges and corners. Protection class (Device): IP 20		
	ivory white	1725-182	2CKA001754A4172 1
	studio white	1725-184	2CKA001754A4177 1

basic55®

One concept, numerous possibilities.

Square but still round, white but colourful. A smart concept which inspires the imagination and acknowledges the desire for individual styling. Elements formed into a creative solution. White rockers and frames fine-tuned with discreet colour rings. The concept which makes its own style.

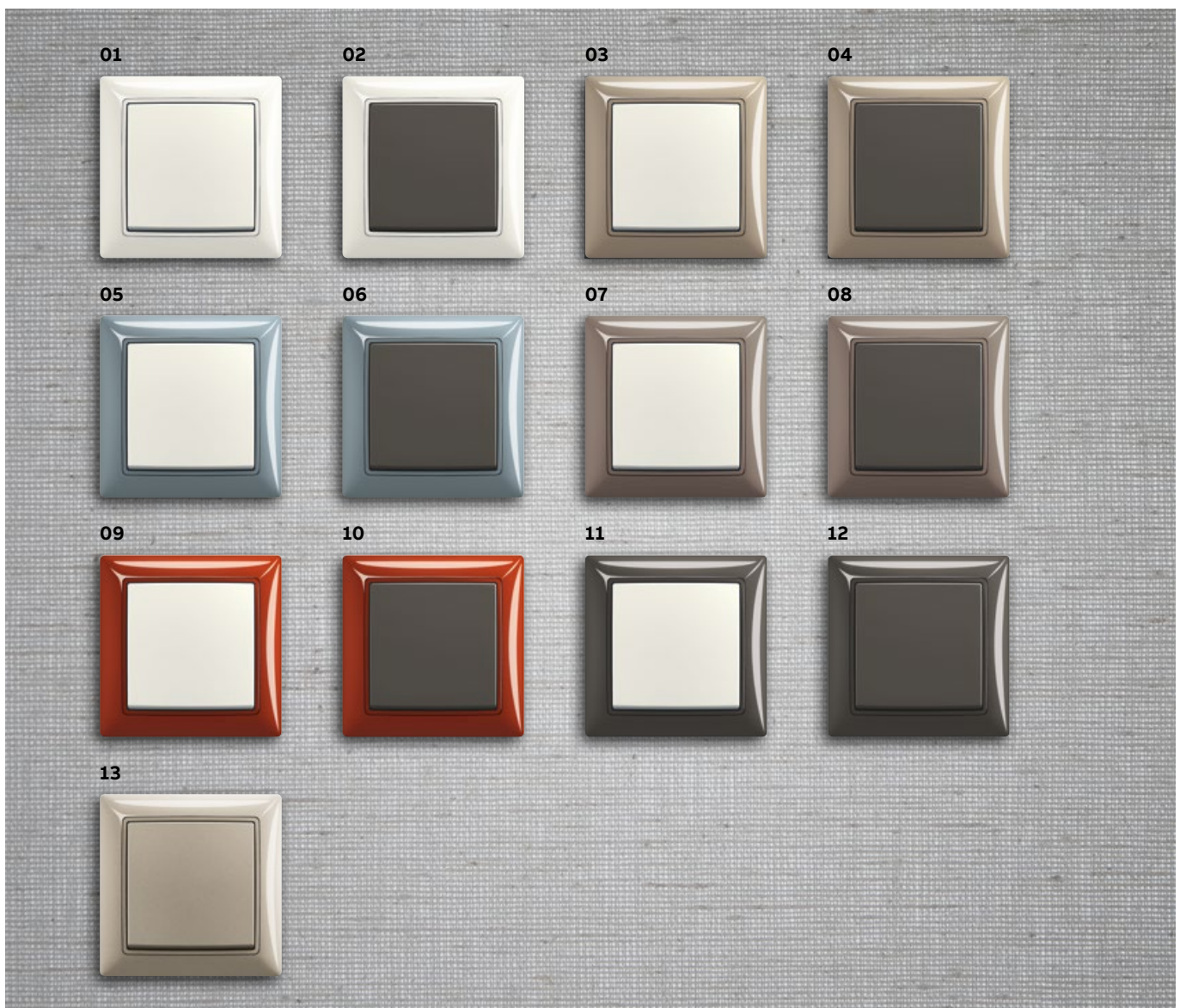


- 01 alpine white / alpine white
- 02 alpine white / yellow
- 03 alpine white / luminous
- 04 alpine white / orange

- 05 alpine white / apricot
- 06 alpine white / silver
- 07 alpine white / blue
- 08 alpine white / light green
- 09 white / white

basic55®

basic55® range has many facets. It fulfils every wish for creative design. Six frame colours can be perfectly combined with two rocker colours to meet individual expectations. Plus the luxurious champagne version as alternative. Thirteen exclusive options for combining puristic design with modern, pleasant colours.



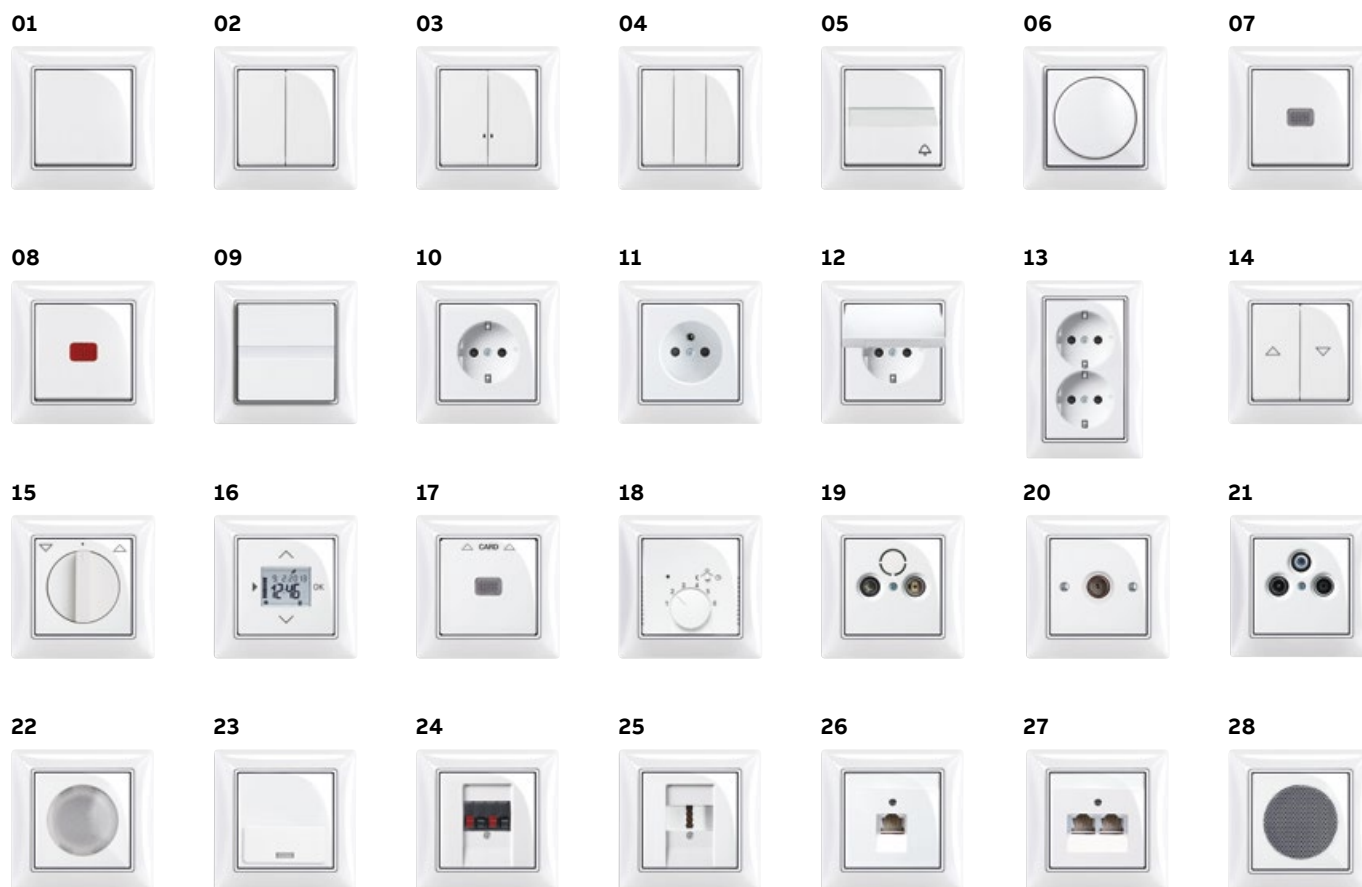
- 01 chalet-white / chalet-white
- 02 chalet-white / château-black
- 03 maison-beige / chalet-white
- 04 maison-beige / château-black

- 05 bistro-blue / chalet-white
- 06 bistro-blue / château-black
- 07 entrée-grey / chalet-white
- 08 entrée-grey / château-black

- 09 foyer-red / chalet-white
- 10 foyer-red / château-black
- 11 château-black / chalet-white
- 12 château-black / château-black
- 13 champagne

basic55®

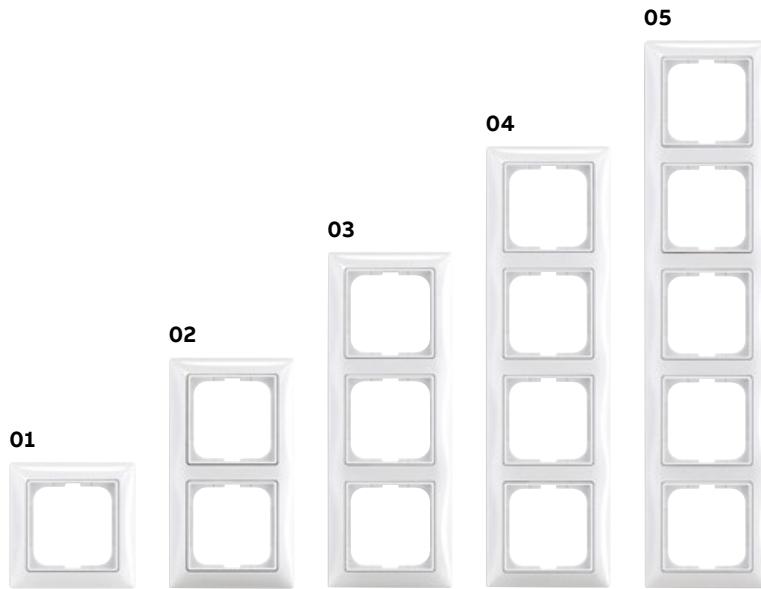
Selected functions.



- | | |
|--|--|
| 01 Switch/button with rocker | 16 Comfort timer |
| 02 2gang switch | 17 Card switch |
| 03 2gang switch with neon lamp | 18 Room temperature controller |
| 04 3gang 1way switch | 19 Antenna socket |
| 05 Push switch with doorbell symbol and labeling field | 20 Antenna socket for TV |
| 06 Rotary dimmer | 21 Antenna socket for Radio/TV/SAT |
| 07 Push switch with illumination | 22 Light signal |
| 08 20 A DP switch with red neon indicator | 23 Busch-iDock |
| 09 Busch-Comfort switch® | 24 Loudspeaker outlet |
| 10 SCHUKO® socket outlet, shuttered | 25 Telephone Single Outlet (TAE) |
| 11 Socket outlet, shuttered with earthing pin | 26 Universal data connecting unit |
| 12 SCHUKO® socket outlet with hinged lid | 27 Universal data connecting unit, 2gang |
| 13 SCHUKO® double socket outlet | 28 Loudspeaker |
| 14 Blind switches/push-buttons | |
| 15 Blind switches/push-buttons with rotary knob | |

basic55®

Selected functions.



1 to 5gang cover frame for horizontal and vertical installation.


- 01 84 mm x 84 mm
- 02 84 mm x 155 mm
- 03 84 mm x 226 mm
- 04 84 mm x 297 mm
- 05 84 mm x 368 mm





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


basic55®


Switches / push-buttons


Product	Article-No.	Order-No.	Pack/Qty
 Switch with rocker breaking circuit, 1-pole Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1			
white	2006/1 UC-92-507	2CKA001012A2146	10/100
champagne	2006/1 UC-93-507	2CKA001012A2164	10/100
alpine white	2006/1 UC-94-507	2CKA001012A2139	10/100
château-black	2006/1 UC-95-507	2CKA001012A2174	10
chalet-white	2006/1 UC-96-507	2CKA001012A2184	10/100


 Switch with rocker breaking circuit, 1-pole With neon lamp. Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1			
white	2006/1 UCGL-92-507	2CKA001012A2156	10/100
champagne	2006/1 UCGL-93-507	2CKA001012A2165	10
alpine white	2006/1 UCGL-94-507	2CKA001012A2153	10/100
château-black	2006/1 UCGL-95-507	2CKA001012A2175	10
chalet-white	2006/1 UCGL-96-507	2CKA001012A2185	10


 Switch with rocker 1gang 2way Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1			
white	2006/6 UC-92-507	2CKA001012A2149	10/100
champagne	2006/6 UC-93-507	2CKA001012A2169	10/100
alpine white	2006/6 UC-94-507	2CKA001012A2142	10/100
château-black	2006/6 UC-95-507	2CKA001012A2179	10/100
chalet-white	2006/6 UC-96-507	2CKA001012A2189	10/100


 Switch with rocker 2gang 1way Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1			
white	2006/5 UC-92-507	2CKA001012A2148	10/100
champagne	2006/5 UC-93-507	2CKA001012A2167	10/100
alpine white	2006/5 UC-94-507	2CKA001012A2141	10/100
château-black	2006/5 UC-95-507	2CKA001012A2177	10/100
chalet-white	2006/5 UC-96-507	2CKA001012A2187	10/100

 Switch with rocker 2gang 1way With neon lamp. Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1			
white	2006/5 UCGL-92-507	2CKA001012A2157	10/100
champagne	2006/5 UCGL-93-507	2CKA001012A2168	10
alpine white	2006/5 UCGL-94-507	2CKA001012A2154	10/100
château-black	2006/5 UCGL-95-507	2CKA001012A2178	10
chalet-white	2006/5 UCGL-96-507	2CKA001012A2188	10

Product	Article-No.	Order-No.	Pack/Qty
 Switch with rocker 2gang 2way Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1			
white	2006/6/6 UC-92-507	2CKA001012A2151	10
champagne	2006/6/6 UC-93-507	2CKA001012A2171	10
alpine white	2006/6/6 UC-94-507	2CKA001012A2144	10/100
château-black	2006/6/6 UC-95-507	2CKA001012A2181	10
chalet-white	2006/6/6 UC-96-507	2CKA001012A2191	10





 Switch with rocker 3gang 1way, SP Rated voltage: 250 V~ Rated current: 16 AXIEC 60669-1			
white	106/3/1 UC-92-507	2CKA001012A2158	10/100
champagne	106/3/1 UC-93-507	2CKA001012A2163	10
alpine white	106/3/1 UC-94-507	2CKA001012A2155	10/100
château-black	106/3/1 UC-95-507	2CKA001012A2173	10
chalet-white	106/3/1 UC-96-507	2CKA001012A2183	10



 Switch with rocker 1gang Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1			
white	2006/7 UC-92-507	2CKA001012A2152	10
champagne	2006/7 UC-93-507	2CKA001012A2172	10
alpine white	2006/7 UC-94-507	2CKA001012A2145	10
château-black	2006/7 UC-95-507	2CKA001012A2182	10
chalet-white	2006/7 UC-96-507	2CKA001012A2192	10

 Switch with rocker 1gang DP With neon lamp. Rated voltage: 250 V~ Rated current: 20 AIEC 60669-1			
white	1020/2 UCK-92-507	2CKA001020A0090	1
champagne	1020/2 UCK-93-507	2CKA001020A0091	10
alpine white	1020/2 UCK-94-507	2CKA001020A0089	1
château-black	1020/2 UCK-95-507	2CKA001020A0092	10
chalet-white	1020/2 UCK-96-507	2CKA001020A0093	10

basic55®

Switches / push-buttons







Product	Article-No.	Order-No.	Pack/Qty
 Switch with rocker 1) 2) 1gang 2way with N-terminal With neon lamp. Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1			
white	2006/6 UCK-92-507	2CKA001012A2150	10
champagne	2006/6 UCK-93-507	2CKA001012A2170	10
alpine white	2006/6 UCK-94-507	2CKA001012A2143	10
château-black	2006/6 UCK-95-507	2CKA001012A2180	10
chalet-white	2006/6 UCK-96-507	2CKA001012A2190	10
¹⁾ With 1 mA neon lamp. ²⁾ Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.			
 Push switch with rocker SP, with normally open contact (operating current) With N terminal. Rated voltage: 250 V~ Rated current: 10 AIEC 60669-1			
white	2026 UC-92-507	2CKA001413A1083	10/100
champagne	2026 UC-93-507	2CKA001413A1091	10/100
alpine white	2026 UC-94-507	2CKA001413A1080	10/100
château-black	2026 UC-95-507	2CKA001413A1095	10
chalet-white	2026 UC-96-507	2CKA001413A1099	10
 Push switch with rocker with doorbell symbol and labeling field SP (operating current), With N terminal. Secondary: 250 V- Rated current: 10 AIEC 60669-1			
white	2026 UCN/KL-92-507	2CKA001413A1087	10/100
champagne	2026 UCN/KL-93-507	2CKA001413A1093	10
alpine white	2026 UCN/KL-94-507	2CKA001413A1086	10/100
château-black	2026 UCN/KL-95-507	2CKA001413A1097	10
chalet-white	2026 UCN/KL-96-507	2CKA001413A1101	10
 Push switch with rocker and neutral symbol SP, with normally open contact (operating current) With N terminal. Rated voltage: 250 V~ Rated current: 10 AIEC 60669-1			
white	2026 UCN-92-507	2CKA001413A1084	10/100
champagne	2026 UCN-93-507	2CKA001413A1092	10/100
alpine white	2026 UCN-94-507	2CKA001413A1081	10
château-black	2026 UCN-95-507	2CKA001413A1096	10
chalet-white	2026 UCN-96-507	2CKA001413A1100	10

Product	Article-No.	Order-No.	Pack/Qty
 Card switch 10 A 1) SP, with normally open contact (operating current) Illuminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 20IEC60669-1, British Standard EN 60669-1			
	2025 U	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.			
¹⁾ 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)			
 Cover plate 1) 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.			
white	1792-92-507	2CKA001710A3865	10
champagne	1792-93-507	2CKA001710A3929	10
alpine white	1792-94-507	2CKA001710A3864	10
château-black	1792-95-507	2CKA001710A3933	10
chalet-white	1792-96-507	2CKA001710A3937	10







¹⁾ Due to dimensions cover is suitable in cover frames without decorative styling frame only.

basic55®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁷⁾ UP, LED, 2-400 W 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</p> <p>    </p>	6523 UR-103-500	2CKA006512A0345	1/10





- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁷⁾ 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 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</p> <p>    </p>	6523 U-102-500	2CKA006512A0335	1/10




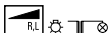
- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ Provided with terminal for net disconnection devices.
⁶⁾ 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)
⁷⁾ Recommendation: Please use loads and types of one producer.

basic55®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ^{1) 2) 3) 4) 5) 6)} Flush-mounted, LED, 2-100 W Touch dimmer. 2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds with the trailing edge control mode. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1		
	6526 U-500	2CKA006512A0323	1/10
¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ In case of electronic transformers, 5 % transformer losses. ⁴⁾ 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) ⁵⁾ Recommendation: Please use loads and types of one producer. ⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).			
	Busch-rotary dimmer ^{1) 2) 3) 4)} flush mounted, R, 60-600 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 600 W IEC 60669-2-1, British Standard EN 60669-2-1		
	2250 U-500	2CKA006515A0848	1/10



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ Also applicable for 1gang 2way installations.
³⁾ 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)
⁴⁾ Provided with terminal for net disconnection devices.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ^{1) 2) 3) 4) 5)} flush mounted, RL, 20-500 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. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
			
2247 U-500	2CKA006512A0302	1/10	
¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ Provided with terminal for net disconnection devices. ⁴⁾ Also applicable for 1gang 2way installations. ⁵⁾ 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)			
	Busch-rotary dimmer ^{1) 2) 3) 4) 5)} 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	



- ¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Provided with terminal for net disconnection devices.
⁴⁾ Also applicable for 1gang 2way installations.
⁵⁾ 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)
⁶⁾ Should be mounted in a separate wallbox.

basic55®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-2gang switch/rotary dimmer ¹⁾ ²⁾ ³⁾ flush mounted, RL, 60-400 W 1 channel designed as dimmer. 1 channel designed as switch contact (1gang 2way contact element) with leading edge control For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Without cover plate. Rated current 6A (changeover contact switch output). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6517 U-101-500	2CKA006517A0018	1/10



- ¹⁾ 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)
²⁾ In the case of conventional transformers, take ~20% transformer loss into account.
³⁾ Can be used to replace a 2gang 1way switch.

 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ flush mounted, RC, 40-420 W With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 40 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6513 U-102-500	2CKA006513A0586	1/10
---	-----------------------	-----------------	------



- ¹⁾ Not suitable with conventional transformers.
²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Provided with terminal for net disconnection devices.
⁵⁾ Also applicable for 1gang 2way installations.
⁶⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ flush mounted, RC, 40-420 W DP switched With rotary control, soft-catch and with trailing edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Without cover plate. DP cut off (P,N) Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 20 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6514 U-500	2CKA006514A0115	1

- ¹⁾ Not suitable with conventional transformers.
²⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.
³⁾ In case of electronic transformers, 5 % transformer losses.
⁴⁾ Provided with terminal for net disconnection devices.
⁵⁾ Also applicable for 1gang 2way installations.
⁶⁾ 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)

 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ flush mounted, RLC, 60-420 W with soft-catch With intelligence for universal operation. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Operation via rotary-type remote control 6592 U possible. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1 	6591 U-101-500	2CKA006513A0588	1/10
---	-----------------------	-----------------	------



- ¹⁾ Illuminable with neon lamp 3855. Neon lamp included in delivery with cover plate.
²⁾ In case of electronic transformers, 5 % transformer losses.
³⁾ In the case of conventional transformers, take ~20% transformer loss into account.
⁴⁾ 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)
⁵⁾ Cannot be combined with a 2way switch.

 Busch-rotary dimmer, extension ¹⁾ ²⁾ flush mounted for connection to 6591 U-101, To be used with Busch-Dimmer®, MDRC 6583. with soft-catch. A maximum of 5 multi-way extensions can be connected to a 6591U-101. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz 	6592 U-500	2CKA006513A0590	1
--	-------------------	-----------------	---


- ¹⁾ Control elements 2115-xxx and 6540-xxx.
²⁾ Required for illuminating the N-connection control element.

basic55®


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ 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

¹⁾ Non-illuminable.²⁾ Use cover plates 2115 J-.../2115-.../6540-...³⁾ 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)⁴⁾ Making-current limiters have to be provided in case of too high making currents.

	Busch-rotary dimmer ¹⁾ 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 proofed. 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 ²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116 U	2CKA006599A3025	1


¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
	Busch-rotary dimmer ¹⁾ Flush-mounted, DALI, with internal power supply, tunable white 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 ²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116/11 U	2CKA006599A3026	1


¹⁾ 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)

basic55®



Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-rotary dimmer ¹⁾ flush mounted, DALI 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 proof. 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. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C</p>	2117 U-500	2CKA006599A2987	1

¹⁾ 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)



 <p>Busch-rotary dimmer ¹⁾ flush mounted, DALI, with internal power supply 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. 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 mm²). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C</p>	2117/11 U-500	2CKA006599A2988	1
---	----------------------	-----------------	---

¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-touch dimmer ¹⁾ ²⁾ flush mounted, RL, 25-500 W With light-level memory and leading edge control. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. Compatible with control covers 6543-xxx-10x. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Parallel operation of several transformers and/or incandescent lamps possible. Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 25 - 500 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p></p>	6560 U-101-500	2CKA006560A1207	1/10

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

²⁾ 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)



 <p>Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, R, 60-600 W With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. For incandescent lamps and 230 V tungsten halogen lamps. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 600 W IEC 60669-2-1, British Standard EN 60669-2-1</p> <p></p>	2250 U-507	2CKA006515A0840	1/10
---	-------------------	-----------------	------

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

²⁾ Also applicable for 1gang 2way installations.

³⁾ 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)

⁴⁾ Provided with terminal for net disconnection devices.




 <p>Dimmer ¹⁾ ²⁾ with leading edge control For incandescent lamps and 230 V tungsten halogen lamps. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W IEC 60669-2-1, British Standard EN 60669-2-1</p> <p></p>	2200 U-500	2CKA006514A0112	1/10
---	-------------------	-----------------	------

¹⁾ 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)

²⁾ Non-illuminable.

basic55®

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch touch-dimmer range 1) 2) 3) 4) flush mounted, RC, 45-315 W For switching and dimming 2 independent devices. With trailing edge control. 2gang 1way For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Compatible with control covers 6545-xxx. Without cover, without cover plate. Outputs: 2 independent dimmer channels. Rated power: 40-315 W/VA per channel. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz IEC 60669-2-1, British Standard EN 60669-2-1</p> <p> </p>	6565 U-500	2CKA006565A0057	1/10

¹⁾ Not suitable with conventional transformers.

²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ 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)

⁴⁾ Does not provide an extension input.




 <p>Busch-touch dimmer 1) 2) 3) 4) flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p> </p>	6593 U-500	2CKA006590A0171	1/10
---	-------------------	-----------------	------

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



²⁾ In case of electronic transformers, 5 % transformer losses.

³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted.

⁴⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Dimmer®, capacity booster 1) flush mounted, RLC, 200-315 W The control is effected by a Busch-Universal master dimmer 6593 U or Busch-Universal rotary dimmer 6591U-101 For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Can only be installed in conjunction with a cover plate 2114-xxx and 6541-xxx. Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 200 - 315 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p> </p>	6594 U-500	2CKA006590A0172	1



¹⁾ 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)

 <p>Busch-touch dimmer 1) 2) 3) flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). For LED control via control gears Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1</p> <p></p>	6550 U-101-500	2CKA006550A0042	1
--	-----------------------	-----------------	---

¹⁾ Non-illuminable.



²⁾ 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)

³⁾ with integrated making-current limiter

 <p>Busch Dimmer® with cover plate With rotary control, 2way On-Off switching and soft-catch. Leading Edge control. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 400 W IEC 60669-2-1</p> <p></p>			
white	2251 UCGL-92-507	2CKA006515A0843	1/10
champagne	2251 UCGL-93-507	2CKA006515A0845	1/10
alpine white	2251 UCGL-94-507	2CKA006515A0842	1/10
château-black	2251 UCGL-95-507	2CKA006515A0846	1/10
chalet-white	2251 UCGL-96-507	2CKA006515A0847	1/10

basic55®

Dimmers


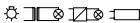

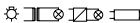
Product	Article-No.	Order-No.	Pack/Qty
 Cover plate ¹⁾ with rotary knob, with indication lamp For Busch-Dimmer®. For inserts 2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/ 6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.			
white	2115-92-507	2CKA006599A2929	10
champagne	2115-93-507	2CKA006599A2990	10
alpine white	2115-94-507	2CKA006599A2928	10
château-black	2115-95-507	2CKA006599A2991	10
chalet-white	2115-96-507	2CKA006599A2992	10
¹⁾ Replacement neon lamp, Art. No. 3855.			
 Control element ^{1) 2) 3)} 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.			
white	6543-92-507	2CKA006599A2996	1/10
champagne	6543-93-507	2CKA006599A2993	1/10
alpine white	6543-94-507	2CKA006599A2997	1/10
château-black	6543-95-507	2CKA006599A2994	1/10
chalet-white	6543-96-507	2CKA006599A2995	1/10

¹⁾ Compatible with previous type 6543-xxx.

²⁾ Touch-type Controller 6550 U-xxx non-illuminable.


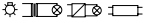
³⁾ Replacement neon lamp 3857.


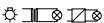
Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
 Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 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 °C60669-2-1 			
	6401 U-102-500	2CKA006401A0049	1/10
 Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush- mounted sensor Comfort II 6800-xxx-104 and 6800-xxx- 104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x 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): 0 °C to 35 °C British Standard EN 60669-2-1 			
	6402 U-500	2CKA006401A0051	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.		
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.		

basic55®

Movement detectors / comfort switches

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog relay mechanism 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V, +10 % / -10 % Rated frequency: 50 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 power: 700 W/VA Temperature range (Device): 0 °C to 55 °C British Standard EN 60669-2-1 		
	6812 U-101-500	2CKA006800A2160	1/10

	Busch-Watchdog MOS-Fet Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ 2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA Temperature range (Device): 0 °C to 35 °C British Standard EN 60669-2-1 		
	6804 U-101-500	2CKA006800A2219	1/10

¹⁾ In case of electronic transformers, 5 % transformer losses.

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


³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps.

⁴⁾ Not suitable for activating the staircase time delay.

⁵⁾ Cannot be used to control relays.

⁶⁾ Requires an NIS international socket, E-No. 372507676.


Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog extension insert ¹⁾ 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): 0 °C to 35 °C		
	6805 U-500	2CKA006800A2161	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
¹⁾ Not combinable with relay switch insert 6812 U-101.			

	Busch-Watchdog 180 flush-mounted standard sensor ¹⁾ with select-lens For automatic switching of devices dependent on motion and brightness. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. Surveillance density: 18 sectors with 72 switching segments. Switch-off delay: 80 sec. Detection range: frontal: 12 m, lateral: 8 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	white	6810-92-101-507	2CKA006810A0004 1/10
	champagne	6810-93-101-507	2CKA006810A0006 1
	alpine white	6810-94-101-507	2CKA006810A0005 1
	château-black	6810-95-101-507	2CKA006810A0007 1
	chalet-white	6810-96-101-507	2CKA006810A0008 1


¹⁾ Please order the respective flush-mounted insert separately.

basic55®

Movement detectors / comfort switches



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ with select-lens For automatic switching of devices dependent on motion and brightness. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 18 sectors with 72 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 12 m, lateral: 8 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	white	6800-92-104-507	2CKA006800A2635 1
	champagne	6800-93-104-507	2CKA006800A2637 1
	alpine white	6800-94-104-507	2CKA006800A2636 1
	château-black	6800-95-104-507	2CKA006800A2638 1
	chalet-white	6800-96-104-507	2CKA006800A2639 1

¹⁾ Please order the respective flush-mounted insert separately.

	Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	white	6800-92-104M-507	2CKA006800A2640 1
	champagne	6800-93-104M-507	2CKA006800A2642 1
	alpine white	6800-94-104M-507	2CKA006800A2641 1
	château-black	6800-95-104M-507	2CKA006800A2643 1
	chalet-white	6800-96-104M-507	2CKA006800A2644 1

¹⁾ installation: slide switch top.

²⁾ Please order the respective flush-mounted insert separately.



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/01 U-500	2CKA006400A0085	1

	Universal e-contact insert ¹⁾ 2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 20 - 180 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 20 - 180 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
			
	6440/04 U-500	2CKA006400A0088	1

¹⁾ Only use dimmable high voltage LEDs.

basic55®

Movement detectors / comfort switches





Product	Article-No.	Order-No.	Pack/Qty
	Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1
	Busch-Comfort switch control element ^{1) 2)} with neon lamp Movement detector/push-button switch combination. Push switch function possible at all times. For switching lighting systems that depend on brightness and movement. Extension of the detection range by means of master/slave combination. Additional activation/deactivation possibility through pushbutton input. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semi-automatic, manual switch-on, automatic (time and motion-controlled) switch-off. Adjustable operating mode: automatic switch-on, manual switch-off. With continuous light/continuous off function. Adjustment elements on the rear. Surveillance density: 9 sectors with 28 switching segments. Switch-off delay: 1 to 10 min., adjustable. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED for status display. Detection range: frontal: 5 m, lateral: 3 m, Mounting height: 1.1 m Detection angle: 170 ° Brightness limit value: 0.5 Lux - 500 Lux, Daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C Dimensions: (L x W x D): 55.5 mm x 55.5 mm x 28.3 mm DIN EN 60669-2-1		
white	6815-92-101-507	2CKA006800A2848	1
champagne ³⁾	6815-93-101-507	2CKA006800A2849	1
alpine white	6815-94-101-507	2CKA006800A2850	1
château-black	6815-95-101-507	2CKA006800A2851	1
chalet-white	6815-96-101-507	2CKA006800A2852	1

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ The range specifications refer to an ambient temperature of 21 °C.


³⁾ Surface painted.

Blind control / timers


Product	Article-No.	Order-No.	Pack/Qty
	Blind switch with cover ¹⁾ SP, switch With interlock. Rated voltage: 250 V~ Rated current: 10 AXIEC60669-1		
white	2006/4 UC-92-507	2CKA001012A2147	10
champagne	2006/4 UC-93-507	2CKA001012A2166	10
alpine white	2006/4 UC-94-507	2CKA001012A2140	10
château-black	2006/4 UC-95-507	2CKA001012A2176	10
chalet-white	2006/4 UC-96-507	2CKA001012A2186	10
¹⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.			
	Blind switch with cover ¹⁾ SP, push switch. With interlock. Rated voltage: 250 V~ Rated current: 10 AIEC60669-1		
white	2026/4 UC-92-507	2CKA001413A1085	10
champagne	2026/4 UC-93-507	2CKA001413A1094	10
alpine white	2026/4 UC-94-507	2CKA001413A1082	10
château-black	2026/4 UC-95-507	2CKA001413A1098	10
chalet-white	2026/4 UC-96-507	2CKA001413A1102	10
¹⁾ These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.			
	Blind switch with cover ^{1) 2)} SP, N, E With rotary knob/switch and push switch. Rated voltage: 250 V~ Rated current: 10 AXIEC 60669-1		
white	2713 UCDR-92-507	2CKA001101A0922	10
champagne	2713 UCDR-93-507	2CKA001101A0926	10
alpine white	2713 UCDR-94-507	2CKA001101A0920	10
château-black	2713 UCDR-95-507	2CKA001101A0928	10
chalet-white	2713 UCDR-96-507	2CKA001101A0930	10
¹⁾ Blind switches/push switches prevents fast change over between operating directions.			
²⁾ Also suitable for DC drives.			
	Blind switch with cover ^{1) 2)} SP, N, E With rotary knob/push button. Rated voltage: 250 V~ Rated current: 10 AIEC60669-1		
white	2723 UCDR-92-507	2CKA001101A0923	10
champagne	2723 UCDR-93-507	2CKA001101A0927	10
alpine white	2723 UCDR-94-507	2CKA001101A0921	10
château-black	2723 UCDR-95-507	2CKA001101A0929	10
chalet-white	2723 UCDR-96-507	2CKA001101A0931	10
¹⁾ Blind switches/push switches prevents fast change over between operating directions.			
²⁾ Also suitable for DC drives.			

basic55®


Blind control / timers

Product	Article-No.	Order-No.	Pack/Qty
	Comfort timer control element ¹⁾ 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		
	6455-101-500	2CKA006410A0399	1/10

¹⁾ See respective cover plates 6435-xx.


Product	Article-No.	Order-No.	Pack/Qty
	Standard timer control element ¹⁾ 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

¹⁾ 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 Busch-CO2 sensor 1091 U-500.			
white	6435-92-507	2CKA006430A0353	10
champagne	6435-93-507	2CKA006430A0392	10
alpine white	6435-94-507	2CKA006430A0352	10
château-black	6435-95-507	2CKA006430A0393	10
chalet-white	6435-96-507	2CKA006430A0394	10


basic55®

Blind control / timers / CO₂ sensor

Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-CO2 sensor ¹⁾ For controlling the incoming fresh air in rooms by means of opening or switching of windows/fans. With display for carbon dioxide, humidity, temperature and air pressure. Setting values: carbon dioxide 800 ppm - 1500 ppm, humidity 40% - 95%. With 2 zero-potential relay contacts. Nominal voltage: 230 V~ Nominal current: 6 A cos $\phi = 1$ Without claw fixation. To fit cover plate 6435-xxx.</p>	1091 U-500	2CKA001032A0518	1/10


¹⁾ 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)

Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 <p>SCHUKO® socket outlet ¹⁾ With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A</p>	white	20 EUC-92-507	2CKA002011A3857 10/100
	champagne ²⁾	20 EUC-93-507	2CKA002011A6140 10/100
	alpine white	20 EUC-94-507	2CKA002011A3855 10/100
	château-black	20 EUC-95-507	2CKA002011A6142 10/100
	chalet-white	20 EUC-96-507	2CKA002011A6144 10/100

¹⁾ Terminals suitable for loop through connection.


²⁾ Surface painted.

 <p>SCHUKO® socket outlet ¹⁾ shuttered With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A</p>	white	20 EUCKS-92-507	2CKA002013A5279 10/100
	champagne	20 EUCKS-93-507	2CKA002013A5337 10
	alpine white	20 EUCKS-94-507	2CKA002013A5278 10/100
	château-black	20 EUCKS-95-507	2CKA002013A5338 10
	chalet-white	20 EUCKS-96-507	2CKA002013A5339 10

¹⁾ Increased shock protection .





 <p>SCHUKO® socket outlet ¹⁾ with marking "DATA" With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A</p>	white	20 EUC/DV-92-507	2CKA002011A3856 10
	champagne	20 EUC/DV-93-507	2CKA002011A6141 10
	alpine white	20 EUC/DV-94-507	2CKA002011A3854 10
	château-black	20 EUC/DV-95-507	2CKA002011A6143 10
	chalet-white	20 EUC/DV-96-507	2CKA002011A6145 10
	chalet-white	20 EUC/DV-96-507	2CKA002011A5337 1

¹⁾ Can only be used in SI frames with adapter 1746-....





 <p>SCHUKO® socket outlet with marking With screwless terminals. DP (2 P + E) With continuous coloured marking of cover plate and base. Rated voltage: 250 V~ Rated current: 16 A</p>	red RAL 3020	20 EUC-12-92-507-1012	2CKA002011A6252 10
	Green, RAL 6032	20 EUC-13-92-507-101	2CKA002011A6261 10
	orange RAL 2004	20 EUC-14-92-507	2CKA002011A6153 10

basic55®

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
 SCHUKO® socket outlet with hinged lid With screwless terminals. DP (2 P + E) Hinged lid notches when opened. Rated voltage: 250 V~ Rated current: 16 A			
white	20 EUK-92-507	2CKA002018A0351	10/100
champagne	20 EUK-93-507	2CKA002018A1498	10
alpine white	20 EUK-94-507	2CKA002018A0350	10/100
château-black	20 EUK-95-507	2CKA002018A1499	10
chalet-white	20 EUK-96-507	2CKA002018A1500	10
 SCHUKO® socket outlet with hinged lid shuttered. With screwless terminals. DP (2 P + E) Hinged lid notches when opened. Rated voltage: 250 V~ Rated current: 16 A			
white	20 EUKB-92-507	2CKA002111A0652	10
champagne	20 EUKB-93-507	2CKA002111A0653	10
alpine white	20 EUKB-94-507	2CKA002111A0654	10
château-black	20 EUKB-95-507	2CKA002111A0655	10
chalet-white	20 EUKB-96-507	2CKA002111A0656	10
 SCHUKO® socket outlet with hinged lid Delivered with special frame for IP44 protection level The IP44 protection level will be achieved only if the device is mounted on a flat and napless wall. With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A			
white	20 EUCKD-92-507	2CKA002018A1504	10/100
champagne	20 EUCKD-93-507	2CKA002018A1501	10/100
alpine white	20 EUCKD-94-507	2CKA002018A1505	10/100
château-black	20 EUCKD-95-507	2CKA002018A1502	10/100
chalet-white	20 EUCKD-96-507	2CKA002018A1503	10/100
 Socket outlet ¹⁾ with earth pin With screwless terminals. Suitable for the countries: Belgium, Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A			
	20 M-500	2CKA002017A0854	10/100

¹⁾ Insert can be used for all covers 2399 UCKS-xx.

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate shuttered For socket outlet insert 20 M-500.			
white	2399 UCKS-92-507	2CKA002099A0251	10
champagne	2399 UCKS-93-507	2CKA002099A0259	10
alpine white	2399 UCKS-94-507	2CKA002099A0250	10
château-black	2399 UCKS-95-507	2CKA002099A0260	10
chalet-white	2399 UCKS-96-507	2CKA002099A0261	10
 Double SCHUKO® socket outlets With screwless terminals. DP (2 P + E) Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~ Rated current: 16 A			
white	20-02 EUJ-92-507	2CKA002014A1463	10/80
champagne	20-02 EUJ-93-507	2CKA002014A1476	10
alpine white	20-02 EUJ-94-507	2CKA002014A1462	10/80
château-black	20-02 EUJ-95-507	2CKA002014A1477	10
chalet-white	20-02 EUJ-96-507	2CKA002014A1478	10
 Double SCHUKO® socket outlets ¹⁾ shuttered With screwless terminals. DP (2 P + E) Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~ Rated current: 16 A			
white	20-02 EUJKS-92-507	2CKA002021A0379	10
champagne	20-02 EUJKS-93-507	2CKA002021A0380	10
alpine white	20-02 EUJKS-94-507	2CKA002021A0378	10
château-black	20-02 EUJKS-95-507	2CKA002021A0381	10
chalet-white	20-02 EUJKS-96-507	2CKA002021A0382	10
 SCHUKO® socket outlet ^{1) 2)} with screw-type terminals DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A			
ivory	2300 EUC-92-507	2CKA002011A6154	10
champagne	2300 EUC-93-507	2CKA002011A6146	10
alpine white	2300 EUC-94-507	2CKA002011A6155	10
château-black	2300 EUC-95-507	2CKA002011A6147	10
chalet-white	2300 EUC-96-507	2CKA002011A6150	10


¹⁾ Increased shock protection.


¹⁾ Terminals suitable for loop through connection.

²⁾ With screw-type terminals

basic55®

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
 Socket outlet with earthing pin With screwless terminals. Suitable for the countries like Poland, Czech Republic. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A			
alpine white	20 MUC-94-507	2CKA002017A0847	10/100
white	20 MUC-92-507	2CKA002017A0848	10/100
champagne	20 MUC-93-507	2CKA002017A0867	10
château-black	20 MUC-95-507	2CKA002017A0869	10/100
chalet-white	20 MUC-96-507	2CKA002017A0871	10


 SCHUKO® USB socket outlet ¹⁾ ²⁾ ³⁾ shuttered With screwless terminals. DP (2 P + E) For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: SCHUKO® socket outlet Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm			
white	20 EUCBUSB-92-507	2CKA002011A6192	1
champagne ⁴⁾	20 EUCBUSB-93-507	2CKA002011A6194	1
alpine white	20 EUCBUSB-94-507	2CKA002011A6193	1
château-black	20 EUCBUSB-95-507	2CKA002011A6195	1
chalet-white	20 EUCBUSB-96-507	2CKA002011A6196	1

¹⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.

²⁾ No data transfer.

³⁾ Use dust cover 2098 when cleaning the device.

⁴⁾ Surface painted.


Product	Article-No.	Order-No.	Pack/Qty
 Socket outlet ¹⁾ ²⁾ with earthing pin With screwless terminals. Shuttered. DP (2 P + E) For supply and support of mobile devices via USB-cable. With USB female connector type A. With electronic short-circuit protection. With electronic overload protection. Simultaneous charging via USB connection and use of the SCHUKO® socket outlet. Suitable for the countries like Poland, Czech Republic. Rated voltage: 250 V~ Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz Suitable for: Socket outlet connection Rated current: 16 A Suitable for: USB connection Rated current: 700 mA 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 53 mm Mounting depth: 35 mm			
white	20 MUCBUSB-92-507	2CKA002017A0877	1
alpine white	20 MUCBUSB-94-507	2CKA002017A0878	1

¹⁾ No data transfer.


²⁾ Use dust cover 2098 when cleaning the device.

basic55®


Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Universal data connection unit, cat. 3 ¹⁾ 1gang With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0213-507	2CKA000230A0378	1/10


¹⁾ Suitable for cover plate 1803-xxx.

	Universal data connection unit, RJ45, Cat. 6e, unshielded, with down-leading outlet ¹⁾ 1gang 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. 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 Gigabit Ethernet. With claw. Suitable for RJ 11, RJ 12 und RJ 45.		
	0220-507-101	2CKA000230A0469	10


¹⁾ Suitable for cover plate 1803-xxx.

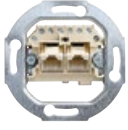
	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang With down-leading outlet and LSA self-cutting clamps. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz). Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06. Terminal marking A and B according to TIA/EIA-568-B.2. 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 wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Without claws. Mounting depth: 31 mm. Protection class (Device): IP 20		
metal clad	0218/11-101-507	2CKA000230A0410	1/10

¹⁾ Suitable for cover plate 1803-xxx.

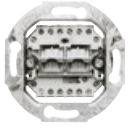
Product	Article-No.	Order-No.	Pack/Qty
	Universal data connection unit, RJ45, Cat. 6e, unshielded, with down-leading outlet ¹⁾ 1gang With down-leading outlet and LSA self-cutting clamps. Cat. 6 according to DIN EN 50173-1:2003-06, ISO/IEC 1180:2002, and TIA/EIA-568-B.2:2002. Cat. 6a (Category 6 augmented) in accordance with TIA/EIA-568-B.2-10 Draft 8.0. 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 Gigabit Ethernet. With claw.		
	0221-507	2CKA000230A0399	10

¹⁾ Suitable for cover plate 1803-xxx.

	Modular-Jack insert Cat. 6 non-shielded, 8 (8)-pole For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm ² (AWG 26) to 0.35 mm ² (AWG 22).		
	0209-507	2CKA000225A0154	1/10

	Universal data connection box with down-leading outlet ¹⁾ 2gang internally parallel connected With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0214	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		





¹⁾ Suitable for cover plate 1803-02-xxx.




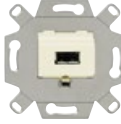
	Universal data connection box with down-leading outlet ¹⁾ 2 x outlets, 8/8-pole With down-leading outlet. For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007. Screw contacts With claw. Protection class (Device): IP 20		
	0215	2CKA000230A0243	10
Mounting 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		

¹⁾ Suitable for cover plate 1803-02-xxx.

basic55®


Data communication

Product	Article-No.	Order-No.	Pack/Qty
	Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 2 x outlets, 8/8-pole 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	0218/12-101-507	2CKA000230A0412 1/10
¹⁾ Suitable for cover plate 1803-02-xxx.			
	Universal data connection unit, RJ45, Cat. 6e, unshielded, with down-leading outlet ¹⁾ 2 x outlets, 8/8-pole 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.		
		0221/12-507	2CKA000230A0400 10
¹⁾ Suitable for cover plate 1803-02-xxx.			
	Flush-mounted assembly adapter For the accommodation of one or two universal modules 0219. For flush-mounted installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
		0219/12	2CKA000230A0395 1/10
	Channel assembly adapter For the accommodation of one or two universal modules 0219. For channel and under-floor installation. Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. Protection class (Device): IP 20		
		0219/13	2CKA000230A0396 1/10


Product	Article-No.	Order-No.	Pack/Qty
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	white	0248/02-101	2CKA000230A0402 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	alpine white	0248/04-101-500	2CKA000230A0464 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
	Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20		
	anthracite	0248/05-101	2CKA000230A0404 10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
	USB connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm		
	white	0261/11-500	2CKA000230A0418 1
¹⁾ Please follow the recommendations of the cable and device producers for the max. USB cable lengths.			

basic55®


Data communication

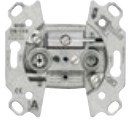
Product	Article-No.	Order-No.	Pack/Qty
 <p>VGA connection unit ¹⁾ with screw-type terminals and strain relief Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx. To link analogue video data between PCs and laptops to monitors or digital projectors etc. VGA-type: D-type, 15-pole. 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	white	0261/21-500	2CKA000230A0424 1

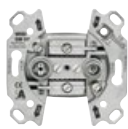
¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.


 <p>HDMI connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm</p>	white	0261/31-500	2CKA000230A0430 1
--	-------	--------------------	-------------------


¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.


 <p>TV outlet For connection to a TV or FM co-axial aerial lead. Rated frequency: 5000 Hz - 860000 Hz IEC 60169-2</p>	white	1743-01-92-507	2CKA001724A4280 10/100
	champagne	1743-01-93-507	2CKA001724A4310 10/100
	alpine white	1743-01-94-507	2CKA001724A4276 10/100
	château-black	1743-01-95-507	2CKA001724A4313 10
	chalet-white	1743-01-96-507	2CKA001724A4317 10


 <p>Satellite co-axial outlets 2 connectors/dead-end feeder 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>		0230-101-507	2CKA000230A0380 10/100
---	--	---------------------	------------------------


Product	Article-No.	Order-No.	Pack/Qty
 <p>Antenna socket insert Radio/TV 2 connectors/loop through type 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>		0231-101	2CKA000230A0268 10/100

 <p>Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder 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>		0232-101-500	2CKA000230A0463 10/100
---	--	---------------------	------------------------

 <p>Terminating resistor 75 Ohm Protection class (Device): IP 20</p>		0239	2CKA000230A0201 10/100
--	--	-------------	------------------------


 <p>Modular-Jack insert Cat. 5e non-shielded, 8 (8)-pole For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22).</p>		0211/11-507	2CKA000225A0153 1/10
---	--	--------------------	----------------------

 <p>Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22). Protection class (Device): IP 20</p>		0210	2CKA000225A0078 10
--	--	-------------	--------------------

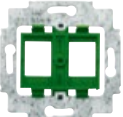
 <p>Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4) For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in. For conductor cross-sections of 0.12 mm² (AWG 26) to 0.35 mm² (AWG 22). Protection class (Device): IP 20</p>		0211	2CKA000225A0086 10
--	--	-------------	--------------------

basic55®

Data communication


Product	Article-No.	Order-No.	Pack/Qty
	Universal module, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang For installation in installation adapter 0219/12 or 0219/13. Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. 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. Cat. 6A 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. Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability. Bend-radius optimised cable feed (30°). Earthing of housing via 6,3 mm blade terminal at the back possible. Re-embedded proofed. Suitable for Mix-and-Match operation. 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 For data cables with a diameter of 6 -10 mm. For wires of AWG 24-22. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20		
	metal clad	0219-101-507	2CKA000230A0414 1/10

¹⁾ With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.

	Mounting plate ¹⁾ ²⁾ with green insert 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		
		1810-500	2CKA001753A9974 10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with red insert 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		
		1812-500	2CKA001753A9972 10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

Product	Article-No.	Order-No.	Pack/Qty
	Mounting plate ¹⁾ ²⁾ with black insert For MTRJ or 2 modular jack inserts. 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. For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ. Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm. Without claws. Protection class (Device): IP 20		
	1814-500	2CKA001753A9973	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with blue insert For 2 modular jack inserts. For system: ITT Cannon RJ45 Cat. 5 type 808 RJ45 Mark III. Pitch dimensions: (WxH) approx. 16.0 x 11.0 mm. Without claws. Protection class (Device): IP 20		
	1816	2CKA001710A3100	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.

	Mounting plate ¹⁾ ²⁾ with orange base For 2 modular jack inserts. For system: LexCom 150 and LexCom 250. Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm. Without claws. Protection class (Device): IP 20		
	1819	2CKA001753A8056	10/100

¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

²⁾ For further information, please refer on the Internet.


	Mounting plate ¹⁾ ²⁾ with grey base For 2 modular jack inserts. For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules. Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm. Without claws. Protection class (Device): IP 20		
	1820	2CKA001753A8057	10/100


¹⁾ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.


²⁾ For further information, please refer on the Internet.


basic55®


Data communication


Product	Article-No.	Order-No.	Pack/Qty
 Cover plate 1gang As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. Brand-Rex (WAEGV 8 EKR/EK). BTR (universal data connecting unit design and IAE design). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet.			
white	1803-92-507	2CKA001753A0098	10/100
champagne	1803-93-507	2CKA001753A0204	10/100
alpine white	1803-94-507	2CKA001753A0096	10/100
château-black	1803-95-507	2CKA001753A0207	10
chalet-white	1803-96-507	2CKA001753A0210	10

 Cover plate 2gang As cover for universal data connection boxes. 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). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet.			
white	1803-02-92-507	2CKA001753A0097	10/100
champagne	1803-02-93-507	2CKA001753A0203	10/100
alpine white	1803-02-94-507	2CKA001753A0095	10/100
château-black	1803-02-95-507	2CKA001753A0206	10
chalet-white	1803-02-96-507	2CKA001753A0209	10


 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).			
white	2539-92-507	2CKA001724A4279	10
champagne	2539-93-507	2CKA001724A4312	10
alpine white	2539-94-507	2CKA001724A4275	10/100
château-black	2539-95-507	2CKA001724A4315	10
chalet-white	2539-96-507	2CKA001724A4318	10


 Cover plate adapter ring For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.			
white	1746-92-507	2CKA001726A0221	10
champagne	1746-93-507	2CKA001726A0229	10
alpine white	1746-94-507	2CKA001726A0219	10
château-black	1746-95-507	2CKA001726A0231	10
chalet-white	1746-96-507	2CKA001726A0233	10

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate as cover for standard Radio/TV/SAT socket outlets With 3 connectors. Radio/TV/SAT. With M3 fixing screw.			
white	1743-92-507	2CKA001724A4284	10/100
champagne	1743-93-507	2CKA001724A4311	10/100
alpine white	1743-94-507	2CKA001724A4283	10/100
château-black	1743-95-507	2CKA001724A4314	10
chalet-white	1743-96-507	2CKA001724A4316	10

 Cover plate ¹⁾ with metal mounting plate As cover for flex outlet, for cords up to 10.3 mm diameter. With strain relief (without terminal block).			
white	2527-92-507	2CKA001710A3773	10
champagne	2527-93-507	2CKA001710A3932	10
alpine white	2527-94-507	2CKA001710A3772	10
château-black	2527-95-507	2CKA001710A3936	10
chalet-white	2527-96-507	2CKA001710A3940	10



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

 Blank plate with metal mounting plate			
white	2538-92-507	2CKA001715A0313	10
champagne	2538-93-507	2CKA001715A0314	10
alpine white	2538-94-507	2CKA001715A0312	10
château-black	2538-95-507	2CKA001715A0315	10
chalet-white	2538-96-507	2CKA001715A0316	10

 Cover plate As cover for flush-mounted light signal. For insert 2061/2661 U.			
white	1756-92-507	2CKA001753A0099	10
champagne	1756-93-507	2CKA001753A0202	10
alpine white	1756-94-507	2CKA001753A0100	10
château-black	1756-95-507	2CKA001753A0205	10
chalet-white	1756-96-507	2CKA001753A0208	10


basic55®

Data communication

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate with metal mounting plate For 1 modular jack. Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws.			
white	2561-92-507	2CKA001753A0211	10
champagne	2561-93-507	2CKA001753A0212	10
alpine white	2561-94-507	2CKA001753A0213	10
château-black	2561-95-507	2CKA001753A0214	10
chalet-white	2561-96-507	2CKA001753A0215	10
 Cover plate ¹⁾ with labelling field For modular jack with slide entrance. To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820. Size of labelling field: 60 x 9 mm.			
white	1800-92-507	2CKA001710A3944	10
champagne	1800-93-507	2CKA001710A3941	10
alpine white	1800-94-507	2CKA001710A3945	10
château-black	1800-95-507	2CKA001710A3942	10
chalet-white	1800-96-507	2CKA001710A3943	10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Busch-DigitalRadio ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ RDS stereo radio alarm clock for flush-mounted installation. Reception frequency: 87.50 MHz - 108.00 MHz. With display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time display. With alarm 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. Rated voltage: 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: 34 mm			
8215 U-500		2CKA008200A0182	1/10

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.



³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

⁵⁾ 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.

basic55®

Multimedia / communication adapters



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Radio iNet 1) 2) 3) 4) 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		
	 8216 U-500 2CKA008200A0153 1/10		

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

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

⁴⁾ 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
	Busch-Radio BTconnect 1) 2) 3) 4) RDS stereo radio alarm clock for flush-mounted installation. With Bluetooth interface for music replay of mobile devices. Reception frequency: 87.50 MHz - 108.00 MHz. With high resolution graphic display and background illumination. With external AUX input. For mono/stereo operation. 8 radio stations storable. With time and date display. With alarm clock and snooze function. With short-time timer. 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: 2.1 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 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 47 mm Mounting depth: 32 mm		
	 8217 U-500 2CKA008200A0194 1		

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).

⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

	Busch Bluetooth receiver 1) 2) 3) 4) Bluetooth interface for music replay of mobile devices. With integrated amplifier. With external AUX input. For mono/stereo operation. Can be combined with the MDRC amplifier 8208. Admissible loudspeaker impedance: 4 - 16 Ohm Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.0 Bluetooth profiles supported: A2DP Number of stored Bluetooth connections: max. 8 Display elements: LED for status display. 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 45 mm Mounting depth: 32 mm		
	 8219 U 2CKA008200A0198 1/10		

¹⁾ No claw. Screw-fixing via keyholes.


²⁾ Matching loudspeaker insert 8223 U.

³⁾ Also combinable with built-in ceiling loudspeaker (8225 EB & 8226 EB) and HiFi built-in ceiling loudspeaker (8226/11 EB).


⁴⁾ Can also be combined with built-in loudspeaker (8222 EB) and moist atmosphere loudspeaker (8224 EB).

basic55®

Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
	Loudspeaker insert ¹⁾ 5 cm (2") For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet 8216 U. For Busch-Radio BTconnect 8217 U. For Busch Bluetooth receiver 8219 U. With broadband characteristics. With flat plug connector. Incl. speaker connection cable. Rated output: 2 W (RMS) Frequency response: 200 - 20,000 Hz Impedance: 4 Ohm Protection class (Device): IP 20, SELV Mounting depth: 32 mm		
	8223 U-500	2CKA008200A0183	1/10

¹⁾ No claw. Screw-fixing via keyholes.


	Busch-powerDock Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ 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		
	6473 U-500	2CKA006400A0039	1/10

¹⁾ No claw. Screw-fixing via keyholes.


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


³⁾ 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.

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

	Busch-powerDock Charging cradle with Apple lightning connection ¹⁾ For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with lightning connection. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7. For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm		
	6473-500	2CKA006400A0081	1/10

¹⁾ Not released for use with the iPad.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-powerDock Charging cradle with USB-C connection For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with USB-C connection. Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 54 mm x 54 mm x 36 mm		
	6473/11-500	2CKA006400A0083	1/10


	USB power adapter insert, flush-mounted ¹⁾ ²⁾ ³⁾ ⁴⁾ For supply and support of mobile devices via USB-cable. With two USB type A outputs. To support two devices at the same time. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Suitable for: In case one output is used: Rated current: 1400 mA Suitable for: In case two output are used: Rated current: 700 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm Mounting depth: 32 mm		
	6472 U-500	2CKA006400A0002	1

¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.

³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

⁴⁾ Use dust cover 2098 when cleaning the device.

	USB charging station insert ¹⁾ ²⁾ ³⁾ For supply and support of mobile devices via USB-cable. With micro USB connecting cable. Connecting cable joined captive to insert. Usable cable length (incl. micro USB plug) approx. 22 cm. With electronic short-circuit protection. With electronic overload protection. Rated voltage: 100 - 230 V~, +10 % / -10 % Secondary: 5 V-, +5 % / -5 % Rated frequency: 50 Hz - 60 Hz Rated current: 1400 mA Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 35 mm Mounting depth: 32 mm		
	6474 U-500	2CKA006400A0033	1/10


¹⁾ No claw. Screw-fixing via keyholes.

²⁾ No data transfer.


³⁾ For terminal devices with standardized charging interface according to DIN EN 62684.

basic55®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 HDMI connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm			
white	0261/31-500	2CKA000230A0430	1
grey	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1


¹⁾ Please follow the recommendations of the cable and device producers for the max. HDMI cable lengths.


 VGA connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm			
white	0261/21-500	2CKA000230A0424	1
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

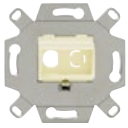
¹⁾ Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

Product	Article-No.	Order-No.	Pack/Qty
 USB connection unit ¹⁾ 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 installation and to follow the valid bending radii the "Kaiser- electronic-wall-box" type 1068-02 or 9062-74 is recommended. Without cover plate. Without claws. Protection class (Device): IP 20 Mounting depth: 34 mm			
white	0261/11-500	2CKA000230A0418	1
grey	0261/13-500	2CKA000230A0420	1
alpine white	0261/12-500	2CKA000230A0419	1

¹⁾ 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	0262/11-500	2CKA000230A0436	1
grey	0262/13-500	2CKA000230A0438	1
alpine white	0262/12-500	2CKA000230A0437	1






 F duct-jack for communication adapter For connection of antenna cables e.g., for TVs with integrated TV-tuner and satellite receiver. With screw-type terminals. For trunk systems, flush-mounted wall boxes and underfloor systems. Protection class (Device): IP 20			
metal clad	0262-500	2CKA000230A0440	1

 Communication adapter for Cinch-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	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1


basic55®


Multimedia / communication adapters


Product	Article-No.	Order-No.	Pack/Qty
 Cinch-jacks for communication adapter 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	0263/04-500	2CKA000230A0451	1
 Cinch-jacks for communication adapter 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	0263/05-500	2CKA000230A0452	1
 Cinch-jacks for communication adapter 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	0263/06-500	2CKA000230A0453	1
 Cinch-jacks for communication adapter 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	0263/07-500	2CKA000230A0454	1
 Communication adapter for Mini-jacks 3,5mm. 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	0264/11-500	2CKA000230A0458	1
grey	0264/13-500	2CKA000230A0460	1
alpine white	0264/12-500	2CKA000230A0459	1
 Mini-jack 3,5 mm for communication adapter 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	0264-500	2CKA000230A0462	1

Product	Article-No.	Order-No.	Pack/Qty
 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
white	0248/02-101	2CKA000230A0402	10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
alpine white	0248/04-101-500	2CKA000230A0464	10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
 Stereo loudspeaker connection box ¹⁾ With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm ² . Polarity is indicated by color. With claw. Protection class (Device): IP 20			
anthracite	0248/05-101	2CKA000230A0404	10/100
¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.			
 Cover plate For Busch-DigitalRadio 8215 U/8216 U. For Busch-Radio iNet. For Busch-Radio BTconnect 8217 U.			
white	8252-92-507	2CKA008200A0166	10
champagne	8252-93-507	2CKA008200A0157	10
alpine white	8252-94-507	2CKA008200A0169	10
château-black	8252-95-507	2CKA008200A0160	10
chalet-white	8252-96-507	2CKA008200A0163	10
 Cover plate For loudspeaker insert 8223 U.			
white	8253-92-507	2CKA008200A0167	1/10
champagne	8253-93-507	2CKA008200A0158	1/10
alpine white	8253-94-507	2CKA008200A0170	1/10
château-black	8253-95-507	2CKA008200A0161	1/10
chalet-white	8253-96-507	2CKA008200A0164	1/10


basic55®


Multimedia / communication adapters

Product	Article-No.	Order-No.	Pack/Qty
 Cover plate For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter. USB power adapter insert 6472 U. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).			
white	2539-92-507	2CKA001724A4279	10
champagne	2539-93-507	2CKA001724A4312	10
alpine white	2539-94-507	2CKA001724A4275	10/100
château-black	2539-95-507	2CKA001724A4315	10
chalet-white	2539-96-507	2CKA001724A4318	10

 Cover plate for Busch-powerDock For Busch-powerDock charging cradle.			
white	6477-92-507	2CKA006400A0050	10
alpine white	6477-94-507	2CKA006400A0052	10
champagne ¹⁾	6477-93-507	2CKA006400A0053	10
château-black	6477-95-507	2CKA006400A0054	10
chalet-white	6477-96-507	2CKA006400A0055	10


¹⁾ Surface painted.

 Cover plate For USB charging station 6474 U. With protective function against lateral slipping of the mobile telephone. Suitable for devices with a maximum thickness of 18 mm. With frontal mounting option of connecting cable.			
white	6478-92-507	2CKA006400A0010	1
alpine white	6478-94-507	2CKA006400A0011	1

 Cover plate For Busch Bluetooth receiver 8219 U.			
white	8255-92-507	2CKA008200A0205	1
champagne ¹⁾	8255-93-507	2CKA008200A0208	1
alpine white	8255-94-507	2CKA008200A0207	1
château-black	8255-95-507	2CKA008200A0209	1
chalet-white	8255-96-507	2CKA008200A0210	1

¹⁾ Surface painted.

Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
 Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Switch contact opens when the set temperature is reached. 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: 230 V~ Rated current: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1			
	1094 U-500	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.

¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

 Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Slide switch 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. 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: 10 A Temperature range (Device): 5 °C to 30 °CEN 60730-2-9, British Standard EN 60669-2-1			
	1095 U-500	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.


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.


basic55®


Room thermostats

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ^{1) 2) 3)} 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 °CEN 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.		


¹⁾ 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)

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

³⁾ Switching temperature difference: ± 0.5 K.

	Room thermostat, flush-mounted ¹⁾ 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 ² to 2.5 mm ² 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 1EN 60730-2-9, British Standard EN 60669-2-1		
	1095 UF-507	2CKA001032A0498	1/10


¹⁾ 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)

	Room thermostat, flush-mounted ^{1) 2) 3)} 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 °CEN 60730-2-9		
	1098 U-101	2CKA001032A0508	1/10

¹⁾ 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)


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


³⁾ Switching temperature difference: ± 0.5 K.

Product	Article-No.	Order-No.	Pack/Qty
	Room thermostat, flush-mounted ^{1) 2)} Change-over contact, setpoint indication, timer, remote sensor 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 Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. 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: 16 A Temperature range (Device): 10 °C to 50 °CEN 60730-2-9		
	1098 UF-101	2CKA001032A0509	1/10

¹⁾ 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)




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

 Cover plate for room thermostat For room thermostats 1094 U, 1097 U.			
white	1794-92-507	2CKA001710A3868	10
champagne	1794-93-507	2CKA001710A3930	10
alpine white	1794-94-507	2CKA001710A3866	10
château-black	1794-95-507	2CKA001710A3934	10
chalet-white	1794-96-507	2CKA001710A3938	10




 Cover plate for room thermostat 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.			
white	1795-92-507	2CKA001710A3869	10
champagne	1795-93-507	2CKA001710A3931	10
alpine white	1795-94-507	2CKA001710A3867	10
château-black	1795-95-507	2CKA001710A3935	10
chalet-white	1795-96-507	2CKA001710A3939	10

basic55®

Accessories

Product	Article-No.	Order-No.	Pack/Qty
 Surface-mounting box 1gang box Box for inserts and cover plates with cover frame.			
white	1701-92-507	2CKA001799A0971	10
champagne	1701-93-507	2CKA001799A0962	10
alpine white	1701-94-507	2CKA001799A0974	10
château-black	1701-95-507	2CKA001799A0965	10
chalet-white	1701-96-507	2CKA001799A0968	10
 Surface-mounting box 2gang box Box for inserts and cover plates with cover frame.			
white	1702-92-507	2CKA001799A0972	1
champagne	1702-93-507	2CKA001799A0963	1
alpine white	1702-94-507	2CKA001799A0975	1
château-black	1702-95-507	2CKA001799A0966	1
chalet-white	1702-96-507	2CKA001799A0969	1
 Surface-mounting box 3gang box Box for inserts and cover plates with cover frame.			
white	1703-92-507	2CKA001799A0973	1
champagne	1703-93-507	2CKA001799A0964	1
alpine white	1703-94-507	2CKA001799A0976	1
château-black	1703-95-507	2CKA001799A0967	1
chalet-white	1703-96-507	2CKA001799A0970	1

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
 Cover frame with decorative styling frame 1gang frame			
entrée-grey	2511-91-507	2CKA001725A1531	10/100
white	2511-92-507	2CKA001725A1484	10/100
champagne	2511-93-507	2CKA001725A1501	10/100
alpine white	2511-94-507	2CKA001725A1479	10/100
château-black	2511-95-507	2CKA001725A1506	10/100
chalet-white	2511-96-507	2CKA001725A1511	10/100
foyer-red	2511-97-507	2CKA001725A1516	10/100
bistro-blue	2511-98-507	2CKA001725A1521	10/100
maison-beige	2511-99-507	2CKA001725A1526	10/100
 Cover frame with decorative styling frame 2gang frame For vertical or horizontal installation.			
entrée-grey	2512-91-507	2CKA001725A1532	10/100
white	2512-92-507	2CKA001725A1485	10/100
champagne	2512-93-507	2CKA001725A1502	10/100
alpine white	2512-94-507	2CKA001725A1480	10/100
château-black	2512-95-507	2CKA001725A1507	10/100
chalet-white	2512-96-507	2CKA001725A1512	10/100
foyer-red	2512-97-507	2CKA001725A1517	10/100
bistro-blue	2512-98-507	2CKA001725A1522	10/100
maison-beige	2512-99-507	2CKA001725A1527	10/100
 Cover frame with decorative styling frame 3gang frame For vertical or horizontal installation.			
entrée-grey	2513-91-507	2CKA001725A1533	10/100
white	2513-92-507	2CKA001725A1486	10/100
champagne	2513-93-507	2CKA001725A1503	10/100
alpine white	2513-94-507	2CKA001725A1481	10/100
château-black	2513-95-507	2CKA001725A1508	10/100
chalet-white	2513-96-507	2CKA001725A1513	10
foyer-red	2513-97-507	2CKA001725A1518	10
bistro-blue	2513-98-507	2CKA001725A1523	10
maison-beige	2513-99-507	2CKA001725A1528	10/100

basic55®

Cover frames

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



**Cover frame with decorative styling frame
4gang frame**
For vertical or horizontal installation.

entrée-grey	2514-91-507	2CKA001725A1534	10
white	2514-92-507	2CKA001725A1487	10
champagne	2514-93-507	2CKA001725A1504	1
alpine white	2514-94-507	2CKA001725A1482	10
château-black	2514-95-507	2CKA001725A1509	10
chalet-white	2514-96-507	2CKA001725A1514	10
foyer-red	2514-97-507	2CKA001725A1519	10
bistro-blue	2514-98-507	2CKA001725A1524	10
maison-beige	2514-99-507	2CKA001725A1529	10



**Cover frame with decorative styling frame
5gang frame**
For vertical or horizontal installation.

entrée-grey	2515-91-507	2CKA001725A1535	10
white	2515-92-507	2CKA001725A1488	10
champagne	2515-93-507	2CKA001725A1505	1
alpine white	2515-94-507	2CKA001725A1483	10
château-black	2515-95-507	2CKA001725A1510	10
chalet-white	2515-96-507	2CKA001725A1515	10
foyer-red	2515-97-507	2CKA001725A1520	10
bistro-blue	2515-98-507	2CKA001725A1525	10
maison-beige	2515-99-507	2CKA001725A1530	10



Decorative styling frame
For styling frames 2511-9x-507, 2512-9x-507, 2513-9x-507,
2514-9x-507, 2515-9x-507

white	2516-92-507	2CKA001726A0220	10/100
champagne	2516-93-507	2CKA001726A0230	10/100
alpine white	2516-94-507	2CKA001726A0218	10/100
château-black	2516-95-507	2CKA001726A0232	10/100
chalet-white	2516-96-507	2CKA001726A0234	10/100
attica/pigeon blue	2516-901-507	2CKA001726A0222	10/100
silver metallic	2516-902-507	2CKA001726A0223	10/100
light green	2516-903-507	2CKA001726A0224	10/100
orange	2516-904-507	2CKA001726A0225	10/100
yellow	2516-905-507	2CKA001726A0226	10/100
apricot	2516-906-507	2CKA001726A0227	10/100
luminous	2516-907-507	2CKA001726A0228	10/100

Sky Niessen

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 | 05 ash frame - white switch | |
| 02 soft black | 06 stainless steel | |
| 03 silver | 07 white glass | 10 stainless steel frame - chrome switch |
| 04 antic gold | 08 black glass | 11 black glass frame - chrome switch |
| | 09 natural wenge frame - silver switch | 12 white glass frame - chrome switch |

Sky Niessen

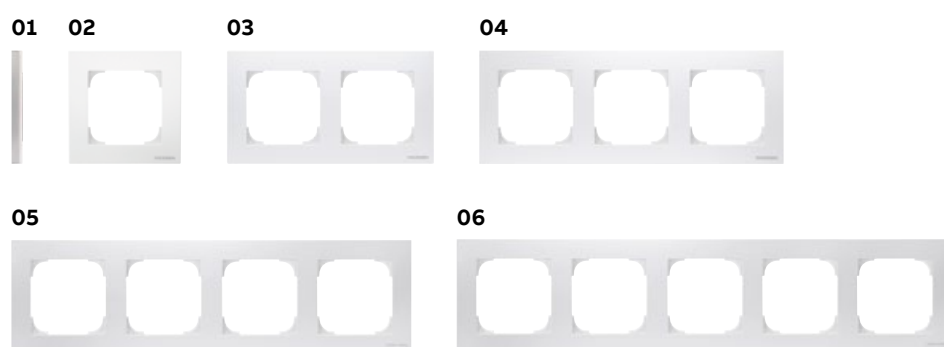
Selected functions.



- 01 Stand-alone FM radio and alarm
- 02 Loudspeaker 2"
- 03 Universal push dimmer
- 04 LED rotary dimmer
- 05 ABB-free@home® movement detector
- 06 ABB-free@home® room thermostat
- 07 ABB-free@home® sensors

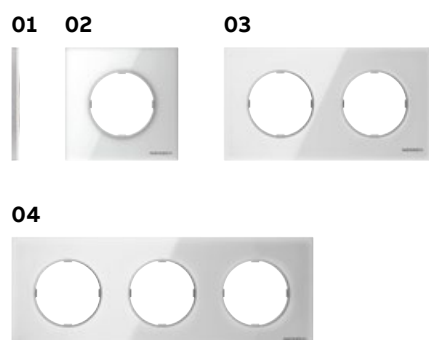
- 08 Card switch
- 09 Digital timer control
- 10 2-way key switch 2 positions
- 11 USB charger outlet
- 12 SCHUKO® socket outlet with lamp
- 13 Movement detector
- 14 VDI connectors (HDMI+USB)

- 15 1-gang, 1-way single pole switch with lamp
- 16 Electronic blind control
- 17 Multiple melody doorbell
- 18 USB charger outlet
- 19 TV-FM & satellite outlet
- 20 Telephone and/or data outlet
- 21 LED rotary dimmer



Sky Niessen

- 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.

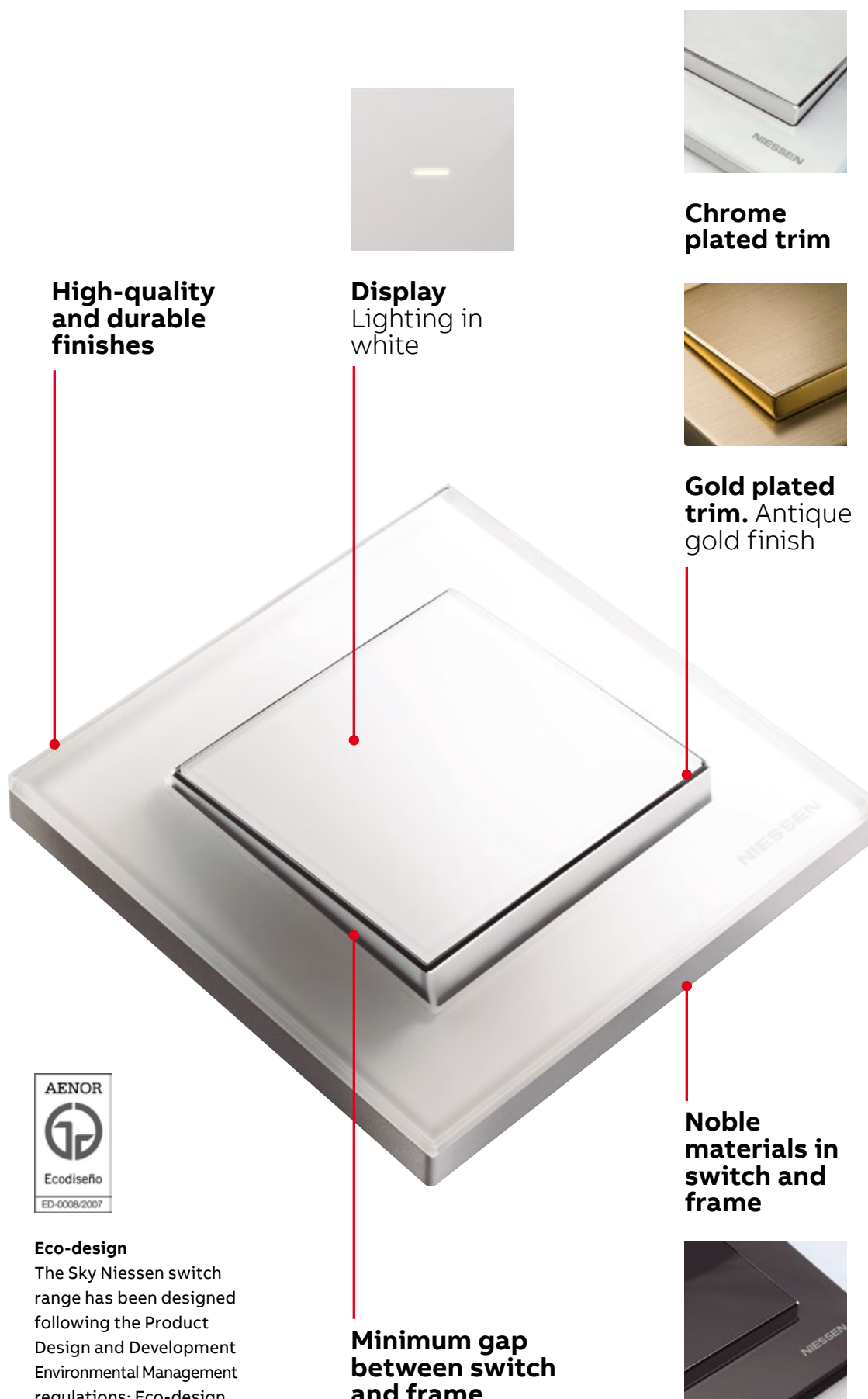
Sky Niessen

Slim, balanced, perfect.

At just 8.5 mm thick, Sky Niessen barely protrudes from the wall. Thanks to the use of subtle components, with Sky Niessen 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**



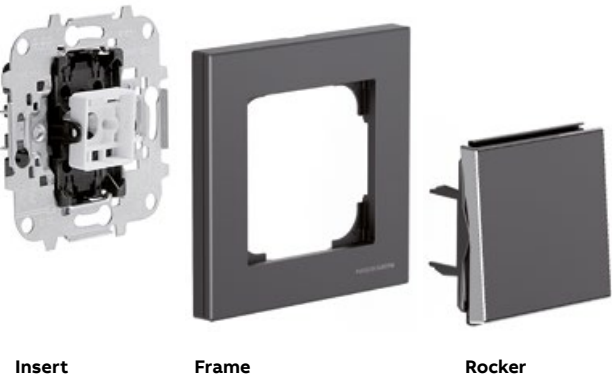
Eco-design

The Sky Niessen switch range has been designed following the Product Design and Development Environmental Management regulations: Eco-design.

Sky Niessen series

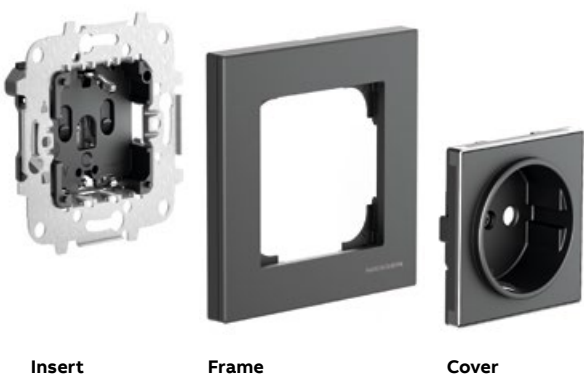
With Sky Niessen you can offer a higher level of design in your reform projects. Quick and easy, as it perfectly adapts to other installations done with Niessen. The use of Niessen’s luxury insert facilitates the installation and renovation of each room.

Switch composition



Characteristics
• 250 V~
• 10 AX / 16 AX
• IP21
• CE Compliance Declaration pursuant to: <ul style="list-style-type: none">- 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: <ul style="list-style-type: none">- UNE-EN 60669-1- UNE-EN 60669-1/A1- UNE-EN 60669-1/A2

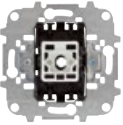
Socket composition




Characteristics
• 250 V~
• 16 A
• IP21
• Compliant with standards: <ul style="list-style-type: none">- European Directive RoHS 2011/65/EU- IEC 60884-1- UNE-EN 20315- UNE 20324-REBT-BT27 - IP21
• AENOR certified product pursuant to: <ul style="list-style-type: none">- UNE 20315-1-1


Sky Niessen

1-way switches


Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.2, 8501.3 & 8501.4.		
	8101	2CLA810100A1001	10

2-way switches


Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 2-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.2, 8501.3 & 8501.4.		
	8102	2CLA810200A1001	10


	Switch 1-gang, 2-way, single pole 16A Rated voltage: 110 - 250 Vac. Rated current: 16 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.2, 8501.3 & 8501.4.		
	8102.1	2CLA810210A1001	10

Intermediate switches

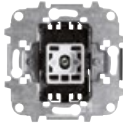
Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, intermediate, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.2, 8501.3 & 8501.4.		
	8110	2CLA811000A1001	10

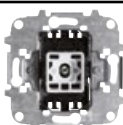
Double pole switches

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, double pole 16A Rated voltage: 110 - 250 Vac. Rated current: 16 AX. Screwless terminals. Included: fixing claws. Optional: locator/indicator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.2, 8501.3 & 8501.4.		
	8101.1	2CLA810110A1001	10

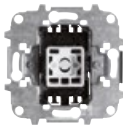
	Switch 1-gang, 1-way, double pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Optional: locator/indicator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.2, 8501.3 & 8501.4.		
	8101.2	2CLA810120A1001	10

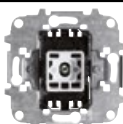
Switches with indicator lamp

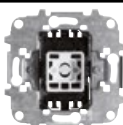
Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. 3 wire connection (neutral conductor required). Included: indicator LED lamp 6192 BL (230 Vac). Rocker code: 8501.3 & 8501.4.		
	8101.5	2CLA810150A1001	10

	Switch 1-gang, 2-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. 4 wire connection (neutral conductor required). Indicator: indicator LED lamp 6192 BL (230 Vac). Rocker code: 8501.3 & 8501.4.		
	8102.5	2CLA810250A1001	10

Push-buttons


Product	Article-No.	Order-No.	Pack/Qty
	Push-button 1-gang, single pole, NO Rated voltage: 110 - 250 Vac. Rated current: 10 AX. NO: Normally Open. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.3, 8504, 8504.2, 8504.3 & 8504.4.		
	8104	2CLA810400A1001	10


	Push-button 1-gang, SP, NO w/ locator lamp Rated voltage: 110 - 250 Vac. Rated current: 10 AX. NO: Normally Open. Screwless terminals. Included: fixing claws. 3 wire connection (neutral conductor required). Included: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501.3, 8504.3 & 8504.4.		
	8104.5	2CLA810450A1001	10


	Push-button 1-gang, single pole, NC Rated voltage: 110 - 250 Vac. Rated current: 10AX. NC: normally closed. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8501, 8501.3, 8504, 8504.2, 8504.3 & 8504.4.		
	8104.9	2CLA810490A1001	5


Sky Niessen

Rockers for switches and push-buttons


Color	Article-No.	Order-No.	Pack/Qty
	Rocker for switch, 1-gang Rocker for switches code: 8101, 8101.1, 8101.2, 8102, 8102.1 & 8110.		
	Soft White	8501 BL	2CLA850100A1101 20
	Silver	8501 PL	2CLA850100A1301 20
	Soft Black	8501 NS	2CLA850100A1501 20
	Stainless Steel	8501 AI	2CLA850100A1401 20
	Antique Gold	8501 OE	2CLA850100A1201 20
	White Glass	8501 CB	2CLA850100A2101 10
	Black Glass	8501 CN	2CLA850100A2501 10


	Rocker with On/Off symbol, 1-gang Rocker for switches code: 8101, 8101.1, 8101.2, 8102, 8102.1 & 8110.		
	Soft White	8501.2 BL	2CLA850120A1101 5
	Silver	8501.2 PL	2CLA850120A1301 5
	Soft Black	8501.2 NS	2CLA850120A1501 5
	Stainless Steel	8501.2 AI	2CLA850120A1401 5
	Antique Gold	8501.2 OE	2CLA850120A1201 5


	Rocker for switch with lens, 1-gang Rocker for switches code: 8101, 8101.1, 8101.2, 8101.5, 8102, 8102.1, 8102.5 & 8110.		
	Soft White	8501.3 BL	2CLA850130A1101 10
	Silver	8501.3 PL	2CLA850130A1301 10
	Soft Black	8501.3 NS	2CLA850130A1501 10
	Stainless Steel	8501.3 AI	2CLA850130A1401 10
	Antique Gold	8501.3 OE	2CLA850130A1201 10
	White Glass	8501.3 CB	2CLA850130A2101 5
	Black Glass	8501.3 CN	2CLA850130A2501 5


	Rocker with lens & On/Off symbol, 1-gang Rocker for switches code: 8101, 8101.1, 8101.2, 8101.5, 8102, 8102.1, 8102.5 & 8110.		
	Soft White	8501.4 BL	2CLA850140A1101 5
	Silver	8501.4 PL	2CLA850140A1301 5
	Soft Black	8501.4 NS	2CLA850140A1501 5
	Stainless Steel	8501.4 AI	2CLA850140A1401 5
	Antique Gold	8501.4 OE	2CLA850140A1201 5

Rockers with symbols


Color	Article-No.	Order-No.	Pack/Qty
	Rocker with bell symbol, 1-gang Rocker for push-buttons code: 8104 & 8104.9.		
	Soft White	8504 BL	2CLA850400A1101 10
	Silver	8504 PL	2CLA850400A1301 10
	Soft Black	8504 NS	2CLA850400A1501 10
	Stainless Steel	8504 AI	2CLA850400A1401 10
	Antique Gold	8504 OE	2CLA850400A1201 10

	Rocker with light symbol, 1-gang Rocker for push-buttons code: 8104 & 8104.9.		
	Soft White	8504.2 BL	2CLA850420A1101 10
	Silver	8504.2 PL	2CLA850420A1301 10
	Soft Black	8504.2 NS	2CLA850420A1501 10
	Stainless Steel	8504.2 AI	2CLA850420A1401 10
	Antique Gold	8504.2 OE	2CLA850420A1201 10

	Rocker with bell symbol & lens, 1-gang Rocker for push-buttons code: 8104, 8104.5 & 8104.9.		
	Soft White	8504.3 BL	2CLA850430A1101 5
	Silver	8504.3 PL	2CLA850430A1301 5
	Soft Black	8504.3 NS	2CLA850430A1501 5
	Stainless Steel	8504.3 AI	2CLA850430A1401 5
	Antique Gold	8504.3 OE	2CLA850430A1201 5







	Rocker with light symbol & lens, 1-gang Rocker for push-buttons code: 8104, 8104.5 & 8104.9.		
	Soft White	8504.4 BL	2CLA850440A1101 5
	Silver	8504.4 PL	2CLA850440A1301 5
	Soft Black	8504.4 NS	2CLA850440A1501 5
	Stainless Steel	8504.4 AI	2CLA850440A1401 5
	Antique Gold	8504.4 OE	2CLA850440A1201 5

Indicator / locator LED lamp






Product	Article-No.	Order-No.	Pack/Qty
	Indicator/locator LED lamp 230Vac For 81XX inserts. Lamp: white LED. Long life cycle. Two functions: indicator or locator light. Power consumption: 0,2 mA. Especially recommended for LED and energy saving lamps.		
	6192 BL	2CLA819202A1001	10

Sky Niessen

2-gang switches & push-buttons






Product	Article-No.	Order-No.	Pack/Qty
	Switch 2-gangs, 1-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8511.		
	8111	2CLA811100A1001	10
	Switch 2-gangs, 2-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8511.		
	8122	2CLA812200A1001	10
	Push-button 2-gangs, single pole, NO Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Without interlock. Included: fixing claws. Rocker code: 8511.		
	8144.2	2CLA814420A1001	10
	Rocker for switch/push-button, 2-gangs Rocker for switch/push-buttons code: 8111, 8122, 8144.2 & 8142.		
Soft White	8511 BL	2CLA851100A1101	20
Silver	8511 PL	2CLA851100A1301	20
Soft Black	8511 NS	2CLA851100A1501	20
Stainless Steel	8511 AI	2CLA851100A1401	20
Antique Gold	8511 OE	2CLA851100A1201	20
White Glass	8511 CB	2CLA851100A2101	10
Black Glass	8511 CN	2CLA851100A2501	10
	Switch 2-way + push-button 1-way NO, SP Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8511 & 8542.		
	8142	2CLA814200A1001	10
	Rocker for switch + push-button, 2-gangs Rocker for switch + push-buttons code: 8142.		
Soft White	8542 BL	2CLA854200A1101	5
Silver	8542 PL	2CLA854200A1301	5
Soft Black	8542 NS	2CLA854200A1501	5
Stainless Steel	8542 AI	2CLA854200A1401	5
Antique Gold	8542 OE	2CLA854200A1201	5

Card switches


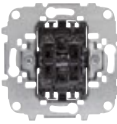



Product	Article-No.	Order-No.	Pack/Qty
	Card switch 1-gang, 1-way, double pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. For 54mm width cards. Included: fixing claws. Included: locator LED lamp 6192 BL (230 Vac). Cover plate code: 8514.		
	8114	2CLA811400A1001	10
	Card switch 1-gang, 1-way, double pole 16A Rated voltage: 110 - 250 Vac. Rated current: 16 AX. For 54mm width cards. Included: fixing claws. Included: locator LED lamp 6192 BL (230 Vac). Cover plate code: 8514.		
	8114.1	2CLA811410A1001	10
	Card switch 1-gang, 2-way, double pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. For 54mm width cards. Included: fixing claws. Included: locator LED lamp 6192 BL (230 Vac). Cover plate code: 8514.		
	8114.2	2CLA811420A1001	10
	Card switch 1-gang, 1-way, SP w/ time delay Rated voltage: 110 - 250 Vac ; 50 / 60 Hz. Rated current: - Incandescent/halogen: 3.000W@230Vac / 1.600W@127Vac. - Fluorescent: 1.300VA@230Vac / 700VA@127Vac. - Electronic and ferromag. transf. and motors: 3.000VA@230Vac / 1.600VA@127Vac. 3 wire connection (neutral conductor required). For 54 mm. width cards. Locator LED lamp included. Time delayed switch: 5 - 90 seconds. Cover plate code: 8514.		
	8114.5	2CLA811450A1001	1
	Cover plate for card switch with lens Cover plate for card switch code: 8114, 8114.1, 8114.2 & 8114.5.		
Soft White	8514 BL	2CLA851400A1101	10
Silver	8514 PL	2CLA851400A1301	10
Soft Black	8514 NS	2CLA851400A1501	10
Stainless Steel	8514 AI	2CLA851400A1401	10
Antique Gold	8514 OE	2CLA851400A1201	10

Sky Niessen

Key switches


Product	Article-No.	Order-No.	Pack/Qty
	Key switch 1-way, 2 positions, single pole Rated voltage: 110 - 250 Vac. Rated current: 5 A. Key removable in the 2 positions. Unique key for each lock. Suitable for alarms. Cover plate code: 8553.		
	8153	2CLA815300A1001	1
	Key push button 1-way, 2 positions, SP Rated voltage: 110 - 250 Vac. Rated current: 5 A. Key removable in "OFF" position. Unique key for each lock. Suitable for alarms. Cover plate code: 8553.		
	8153.2	2CLA815320A1001	1
	Cover plate for 2 position key switch Cover plate for key switch code: 8153 & 8153.2.		
Soft White	8553 BL	2CLA855300A1101	1
Silver	8553 PL	2CLA855300A1301	1
Soft Black	8553 NS	2CLA855300A1501	1
Stainless Steel	8553 AI	2CLA855300A1401	1
Antique Gold	8553 OE	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	8553.1 BL	2CLA855310A1101	1
Silver	8553.1 PL	2CLA855310A1301	1
Soft Black	8553.1 NS	2CLA855310A1501	1
Stainless Steel	8553.1 AI	2CLA855310A1401	1
Antique Gold	8553.1 OE	2CLA855310A1201	1


Blind controls

Product	Article-No.	Order-No.	Pack/Qty
	Push-button blind control 2-gangs Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Direct control. Interlocked gangs. Included: fixing claws. Rocker code: 8544.		
	8144	2CLA814400A1001	10
	Switch blind control 2-gangs Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Direct control. Interlocked gangs. Included: fixing claws. Rocker code: 8544.		
	8144.1	2CLA814410A1001	10
	Rocker for blind switch/push-button Rocker for blind switch/push-button code: 8144 & 8144.1.		
Soft White	8544 BL	2CLA854400A1101	10
Silver	8544 PL	2CLA854400A1301	10
Soft Black	8544 NS	2CLA854400A1501	10
Stainless Steel	8544 AI	2CLA854400A1401	10
Antique Gold	8544 OE	2CLA854400A1201	10
White Glass	8544 CB	2CLA854400A2101	5
Black Glass	8544 CN	2CLA854400A2501	5
	Electronic blind control 1-gang Rated voltage: 110 - 250 Vac ; 50 / 60 Hz. Rated current: 700VA@230Vac / 350VA@127Vac. Direct control. Functions: - PERS: standard blinds control. Optionally other 8144 inserts can be connected to the 8130.3 to control the blind from other locations. - LAM: venetian type blinds control. Optionally other 8144 inserts can be connected to the 8130.3 to control the blind from other locations. - Centralization (CEN): one 8130.3 can control all the 8130.3 of a line centrally. Included: fixing claws. Electronic rocker code: 8530.		
	8130.3	2CLA813030A1001	1
	Electronic rocker for blind control Electronic rocker for blind control code: 8130.3.		
Soft White	8530 BL	2CLA853000A1101	1
Silver	8530 PL	2CLA853000A1301	1
Soft Black	8530 NS	2CLA853000A1501	1
Stainless Steel	8530 AI	2CLA853000A1401	1
Antique Gold	8530 OE	2CLA853000A1201	1

Sky Niessen

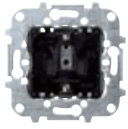
Pullcord switches

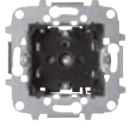
Product	Article-No.	Order-No.	Pack/Qty
<div><div><div>Pullcord switch 1-gang, 1-way, single pole</div><div>Rated voltage: 110 - 250 Vac. Rated current: 16 A. Screwless terminals. Included: fixing claws. Cord length: 2 meters. Cover plate code: 8507.</div></div></div>			
	8148	2CLA814800A1001	5


<div></div>	<div><div>Cover for pull cord switch</div><div>Cover plate for pullcord switch code: 8148.</div></div>		
Soft White	8507 BL	2CLA850700A1101	10
Silver	8507 PL	2CLA850700A1301	10
Soft Black	8507 NS	2CLA850700A1501	10
Stainless Steel	8507 AI	2CLA850700A1401	10
Antique Gold	8507 OE	2CLA850700A1201	10


Sky Niessen


Schuko socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	Schuko socket outlet Rated voltage: 250 Vac. Rated current: 16 A. Type F: 2P + E. Shuttered for child safety. Screw terminals. Without fixing claws code: 8188. With fixing claws code: 8188.5. Cover plate code: 8588.		
	8188	2CLA818800A1001	10
	8188.5	2CLA818850A1001	10


	Schuko socket outlet screwless connection Rated voltage: 250 Vac. Rated current: 16 A. Type F: 2P + E. Shuttered for child safety. Screwless terminals. Without fixing claws. Cover plate code: 8588.		
	8188.6	2CLA818860A1001	10


	Cover plate for Schuko socket outlet Cover plate for Schuko socket outlet code: 8188, 8188.5 & 8188.6.		
Soft White	8588 BL	2CLA858800A1101	20
Silver	8588 PL	2CLA858800A1301	20
Soft Black	8588 NS	2CLA858800A1501	20
Stainless Steel	8588 AI	2CLA858800A1401	20
Antique Gold	8588 OE	2CLA858800A1201	20
White Glass	8588 CB	2CLA858800A2101	10
Black Glass	8588 CN	2CLA858800A2501	10


	Cover plate for Schuko socket outlet Suitable to identify special circuits. Cover plate for Schuko socket outlet code: 8188, 8188.5 & 8188.6.		
Red	8588 RJ	2CLA858800A7001	5
Green	8588 VD	2CLA858800A8001	5
Orange	8588 NA	2CLA858800A9001	5

	Cover plate for Schuko socket outlet w/ lid Cover plate for Schuko socket outlet code: 8188, 8188.5 & 8188.6.		
Soft White	8588.1 BL	2CLA858810A1101	10
Silver	8588.1 PL	2CLA858810A1301	10
Soft Black	8588.1 NS	2CLA858810A1501	10
Stainless Steel	8588.1 AI	2CLA858810A1401	5
Antique Gold	8588.1 OE	2CLA858810A1201	5

Product	Article-No.	Order-No.	Pack/Qty
	Schuko socket outlet with indicator lamp Rated voltage: 250 Vac. Rated current: 16 A. Type F: 2P + E. Shuttered for child safety. Screw terminals. Without fixing claws. Included: indicator LED lamp. Cover plate code: 8588.8		
	8188.8	2CLA818880A1001	5

	Cover plate for Schuko socket outlet w/ lens Cover plate for Schuko socket outlet code: 8188.8.		
Soft White	8588.8 BL	2CLA858880A1101	10
Silver	8588.8 PL	2CLA858880A1301	10
Soft Black	8588.8 NS	2CLA858880A1501	10
Stainless Steel	8588.8 AI	2CLA858880A1401	10
Antique Gold	8588.8 OE	2CLA858880A1201	10

	Schuko socket outlet for plain covers Rated voltage: 250 Vac. Rated current: 16 A. Type F: 2P + E. Shuttered for child safety. Screw terminals. Without fixing claws. Cover plate code: 8588.9.		
	8188.9	2CLA818890A1001	10





	Flat cover plate for Schuko socket outlet Cover plate for Schuko socket outlet code: 8188.9.		
Soft White	8588.9 BL	2CLA858890A1101	20
Silver	8588.9 PL	2CLA858890A1301	20
Soft Black	8588.9 NS	2CLA858890A1501	20
Stainless Steel	8588.9 AI	2CLA858890A1401	20
Antique Gold	8588.9 OE	2CLA858890A1201	20
White Glass	8588.9 CB	2CLA858890A2101	10
Black Glass	8588.9 CN	2CLA858890A2501	10

Sky Niessen

Schuko socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	Schuko socket outlet + USB charger 2x 200 mA, 2 outlets Schuko socket outlet: Rated voltage: 250 Vac Rated current: 16A Type F: 2P + E Shuttered for child safety USB charger type A: Output voltage: 5 Vdc ±5%. Output current: 2.000 mA. Power consumption in stand-by: ≤ 0,015 W Energy efficiency: ≥ 79%. Operating temperature: 0°C to 45°C* Overheat protection LED indicator Screw terminals Without fixing claws Cover plate code: 8588.3 XX		
	8188.3	2CLA818830A1001	1
	Cover plate for Schuko socket outlet + USB charger Cover plate for Schuko socket outlet + USB charger 2x 200 mA, 2 outlets code: 8188.3		
Soft White	8188.3 BL	2CLA818830A1101	1
Silver	8188.3 PL	2CLA818830A1301	1
Soft Black	8188.3 NS	2CLA818830A1501	1
Stainless Steel	8188.3 AI	2CLA818830A1401	1
Antique Gold	8188.3 OE	2CLA818830A1201	1


French / earth-pin socket outlets


Product	Article-No.	Order-No.	Pack/Qty
	French/Earth-pin socket outlet Rated voltage: 250 Vac. Rated current: 16 A. Type E: 2P + E. Shuttered for child safety. Screw terminals. Included: fixing claws. Cover plate code: 8587.		
	8187	2CLA818700A1001	10
	Cover plate for French socket outlet Cover plate for Schuko socket outlet code: 8187.		
Soft White	8587 BL	2CLA858700A1101	20
Silver	8587 PL	2CLA858700A1301	20
Soft Black	8587 NS	2CLA858700A1501	20
Stainless Steel	8587 AI	2CLA858700A1401	20
Antique Gold	8587 OE	2CLA858700A1201	20
	French/Earth-pin socket outlet for plain covers Rated voltage: 250 Vac. Rated current: 16 A. Type E: 2P + E. Shuttered for child safety. Screwless terminals. Included: fixing claws. Cover plate code: 8587.9.		
	8187.9	2CLA818790A1001	10
	Flat cover plate for French socket outlet Cover plate for French / earth-pin socket outlet code: 8187.9.		
Soft White	8587.9 BL	2CLA858790A1101	10
Silver	8587.9 PL	2CLA858790A1301	10
Soft Black	8587.9 NS	2CLA858790A1501	10
Stainless Steel	8587.9 AI	2CLA858790A1401	10
Antique Gold	8587.9 OE	2CLA858790A1201	10
White Glass	8587.9 CB	2CLA858790A2101	10
Black Glass	8587.9 CN	2CLA858790A2501	10


Sky Niessen


Push-buttons

Product	Article-No.	Order-No.	Pack/Qty
 Universal socket outlet Rated voltage: 125 / 250 Vac. Rated current: 15 / 16 A. Multiple type: 2P + E. Shuttered for child safety. Screw terminals. Without fixing claws. Cover plates: - Euroamerican type (Type B+C: 2P + E / NEMA 5-15R): 8538. - Universal type (Multiple type: 2P + E): 8539.	8139	2CLA813900A1001	10

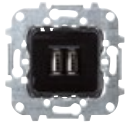
 Cover plate for Euroamerican socket outlet Cover plate with Euroamerican type figure for universal socket outlet code: 8139.			
Soft White	8538 BL	2CLA853800A1101	10
Silver	8538 PL	2CLA853800A1301	10
Soft Black	8538 NS	2CLA853800A1501	10
Stainless Steel	8538 AI	2CLA853800A1401	10
Antique Gold	8538 OE	2CLA853800A1201	10


 Cover plate for Universal socket outlet Cover plate with universal type figure for universal socket outlet code: 8139.			
Soft White	8539 BL	2CLA853900A1101	10
Silver	8539 PL	2CLA853900A1301	10
Soft Black	8539 NS	2CLA853900A1501	10
Stainless Steel	8539 AI	2CLA853900A1401	10
Antique Gold	8539 OE	2CLA853900A1201	10

 British standard socket outlet - 2M Rated voltage: 250 Vac. Rated current: 13A. Type G: 2P + E. Without switch. Shuttered for child safety. Screw terminals. Cover plate for British socket type: 8537.	8137	2CLA813700A1001	10
---	-------------	-----------------	----

 Cover plate for British socket outlet Cover plate with British type figure for universal socket outlet code: 8137.			
Soft White	8537 BL	2CLA853700A1101	10
Silver	8537 PL	2CLA853700A1301	10
Soft Black	8537 NS	2CLA853700A1501	10
Stainless Steel	8537 AI	2CLA853700A1401	10
Antique Gold	8537 OE	2CLA853700A1201	10





USB chargers

Product	Article-No.	Order-No.	Pack/Qty
 USB charger 1.500mA, 2 outlets Input voltage: 100 - 240 Vac $\pm 10\%$; 50 / 60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 1.500 mA (total for both gangs). Power consumption in stand-by: $\leq 0,3W@230Vac$. Energy efficiency: $\geq 71\%$. Operating temperature: 0 °C to 35 °C. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: 8585.	8185	2CLA818500A1001	1





 Cover plate for USB charger 1,5 A Cover plate for USB charger code: 8185.			
Soft White	8585 BL	2CLA858500A1101	5
Silver	8585 PL	2CLA858500A1301	5
Soft Black	8585 NS	2CLA858500A1501	5
Stainless Steel	8585 AI	2CLA858500A1401	5
Antique Gold	8585 OE	2CLA858500A1201	5

Sky Niessen

USB chargers


Product	Article-No.	Order-No.	Pack/Qty
	USB charger 2.000 mA, 1 outlet Input voltage: 100 - 230 Vac $\pm 10\%$; 50 / 60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 2.000 mA. Power consumption in stand-by: $\leq 0,01W@230Vac$. Energy efficiency: $\geq 79\%$. Operating temperature: 0 °C to 45 °C. Without fixing claws. Cover plate code: 8585.2.		
	8185.2	2CLA818520A1001	1
	Cover plate for USB charger 2A Cover plate for USB charger code: 8185.2.		
Soft White	8585.2 BL	2CLA858520A1101	1
Silver	8585.2 PL	2CLA858520A1301	1
Soft Black	8585.2 NS	2CLA858520A1501	1
Stainless Steel	8585.2 AI	2CLA858520A1401	1
Antique Gold	8585.2 OE	2CLA858520A1201	1
	USB charger 2x 2.000mA, 2 outlets Input voltage: 100 - 230 Vac $\pm 10\%$; 50/60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 2.000 mA. Power consumption in stand-by: $\leq 0,01W@230Vac$. Energy efficiency: $\geq 79\%$. Operating temperature: 0 °C to 45 °C. Without fixing claws. Cover plate code: 8585.3.		
	8185.3	2CLA818530A1001	1
	Cover plate for USB charger 2x 2 A Cover plate for USB charger code: 8185.3.		
Soft White	8585.3 BL	2CLA858530A1101	1
Silver	8585.3 PL	2CLA858530A1301	1
Soft Black	8585.3 NS	2CLA858530A1501	1
Stainless Steel	8585.3 AI	2CLA858530A1401	1
Antique Gold	8585.3 OE	2CLA858530A1201	1


Protection devices


Product	Article-No.	Order-No.	Pack/Qty
	Circuit breaker 6A & RCD 10mA Rated voltage: 120 - 230 Vac; 50 / 60 Hz. Rated current: 6 A. Braking capacity: 1.500 A. Residual current (sensitivity - I Δ n): 10 mA. C type magneto-thermic protection. A type residual current protection. Two-pole (1P + N) with 1 protected pole. Without fixing claws. Cover plate code: 8534.		
	8134.1	2CLA813410A1001	1
	Circuit breaker 10A & RCD 10mA Rated voltage: 120 - 230 Vac; 50 / 60 Hz. Rated current: 10 A. Braking capacity: 3.000 A. Residual current (sensitivity - I Δ n): 10 mA. C type magneto-thermic protection. A type residual current protection. Two-pole (1P + N) with 1 protected pole. Without fixing claws. Cover plate code: 8534.		
	8134.2	2CLA813420A1001	1
	Circuit breaker 16A & RCD 10mA Rated voltage: 120 - 230 Vac; 50 / 60 Hz. Rated current: 16 A. Braking capacity: 3.000 A. Residual current (sensitivity - I Δ n): 10 mA. C type magneto-thermic protection. A type residual current protection. Two-pole (1P + N) with 1 protected pole. Without fixing claws. Cover plate code: 8534.		
	8134.3	2CLA813430A1001	1
	Cover plate for circuit breaker & RCD Cover plate for circuit breaker & RCD code: 8134.1, 8134.2 & 8134.3.		
Soft White	8534 BL	2CLA853400A1101	1
Silver	8534 PL	2CLA853400A1301	1
Soft Black	8534 NS	2CLA853400A1501	1
Stainless Steel	8534 AI	2CLA853400A1401	1
Antique Gold	8534 OE	2CLA853400A1201	1


Sky Niessen


TV outlets


Product	Article-No.	Order-No.	Pack/Qty
 TV / R terminal outlet TV and R double outlet - Final. Without filter. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 862 MHz / 5 - 862 MHz / 5 - 862 MHz. Basic loss (FM / DAB / VHF / UHF): 10,0±0,7 dB / 10,0 ±1,5 dB / 4,0±1,5 dB / 3,0±0,5 dB. Isolation (FM / TV): >14 / >14. Return loss (FM / TV): >18 / >10. Included: fixing claws. Cover plate code: 8550.	8150	2CLA815000A1001	10

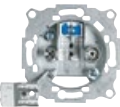
 TV / R final outlet - CATV outlet TV and R double outlet - CATV outlet - Final. With filter. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm. diam. / IEC female 9,52mm. diam. Frequency range (C1 / C2): 5 - 68 & 118 - 1.000 MHz / 87,5 - 108 MHz. Basic loss (R / FM / TV): 0,3±0,1 dB / 1,1 ±0,3 dB / 0,9±0,3 dB. Isolation (FM / TV): >18 / >16. Selectivity (FM / TV): >10 / >18. Return loss (R / FM / TV): >18 / >16 / >18. Chroma-luminance delay (ns): <10. Included: fixing claws. Cover plate code: 8550.	8150.3	2CLA815030A1001	10
---	---------------	-----------------	----


 TV / R loop-through outlet TV and R double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor. Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz. Basic loss (FM / DAB / VHF / UHF): 25±1,5 dB / 25 ±1,5 dB / 8,0±0,7 dB / 8,0±0,7 dB. Through loss (FM / VHF / UHF): 2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB. Directivity (FM / TV): >12 dB / >9 dB. Isolation (FM / TV): >16 / >15. Return loss (FM / TV): >12 / >12. Included: fixing claws. Cover plate code: 8550.	8150.7	2CLA815070A1001	10
---	---------------	-----------------	----

 Cover plate for TV/R outlet Cover plate for TV outlet code: 8150, 8150.3 & 8150.7.			
Soft White	8550 BL	2CLA855000A1101	20
Silver	8550 PL	2CLA855000A1301	20
Soft Black	8550 NS	2CLA855000A1501	20
Stainless Steel	8550 AI	2CLA855000A1401	20
Antique Gold	8550 OE	2CLA855000A1201	20

Product	Article-No.	Order-No.	Pack/Qty
 TV-R/SAT terminal outlet TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm. diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz. Basic loss (FM / TV / SAT): 0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB. Isolation (FM / TV / SAT): >45 / >14 / >14. Selectivity (TV-R / SAT): >15 / >15. Return loss (VR / FM / TV / SAT): >25 / >25 / >14 / >10. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. Included: fixing claws. Cover plate code: 8550.1.	8151.3	2CLA815130A1001	10




 TV-R/SAT final outlet TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a series with loop-through outlets. Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm. diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB. Isolation (FM / TV / SAT): >20 / >20 / >14. Return loss (VR / FM / TV / SAT): >16 / >16 / >16 / >9. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. Included: fixing claws. Cover plate code: 8550.1.	8151.7	2CLA815170A1001	10
---	---------------	-----------------	----






 TV-R/SAT loop-through outlet TV-R and SAT double outlet - Intermediate Installation as an intermediate outlet in series connected to each other. Output connectors (C1 / C2): IEC male 9,52mm. diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB. Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0. Directivity (FM / TV / SAT): >20 / >12 / >5. Isolation (FM / TV / SAT): >45 / >30 / >28. Return loss (VR / FM / TV / SAT): >13 / >13 / >12 / >12. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. Included: fixing claws. Cover plate code: 8550.1.	8151.8	2CLA815180A1001	10
---	---------------	-----------------	----

 Cover plate for TV-R/SAT outlet Cover plate for TV outlet code: 8151.3, 8150.7 & 8150.8.			
Soft White	8550.1 BL	2CLA855010A1101	20
Silver	8550.1 PL	2CLA855010A1301	20
Soft Black	8550.1 NS	2CLA855010A1501	20
Stainless Steel	8550.1 AI	2CLA855010A1401	20
Antique Gold	8550.1 OE	2CLA855010A1201	20

Sky Niessen





Telephone & data outlets

Product	Article-No.	Order-No.	Pack/Qty
	Telephone outlet RJ12 RJ12 type connector. 6 contacts. Suitable for 2 (6P2C), 4 (6P4C) or 6 (6P6C) RJ11 and RJ12 jacks. Screw terminals. Without fixing claws. Cover plate code: 8517.		
	8117	2CLA811700A1001	10
	Data outlet RJ45 Cat.5e UTP RJ45 type connector. Cat.5e UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4) IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Without fixing claws. Cover plate code: 8517.		
	8118	2CLA811800A1001	10
	Cover plate for telephone/data outlets Cover plate for telephone/data outlet code: 8117 & 8118.		
Soft White	8517 BL	2CLA851700A1101	10
Silver	8517 PL	2CLA851700A1301	10
Soft Black	8517 NS	2CLA851700A1501	10
Stainless Steel	8517 AI	2CLA851700A1401	10
Antique Gold	8517 OE	2CLA851700A1201	10

Product	Article-No.	Order-No.	Pack/Qty
	Telephone outlet RJ12 RJ12 type connector. 6 contacts. Suitable for 2 (6P2C), 4 (6P4C) or 6 (6P6C) RJ11 and RJ12 jacks. Screw terminals. Mounting grid delivered with the cover plate. Cover plate code: 8518.1 & 8518.2.		
	2017.2	2CLA201720A1001	10
	Telephone outlet RJ45 Cat.3 RJ45 type connector. Cat.3. 8 contacts. Suitable for 8 (8P8C) RJ45 jacks. Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8518.1 & 8518.2.		
	2017.3	2CLA201730A1001	10
	Data outlet RJ45 Cat.5e UTP RJ45 type connector. Cat.5e UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8518.1 & 8518.2.		
	2018.5	2CLA201850A1001	10
	Data outlet RJ45 Cat.6 UTP RJ45 type connector. Cat.6 UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8518.1 & 8518.2.		
	2018.6	2CLA201860A1001	10
	Data outlet RJ45 Cat.6A STP RJ45 type connector. Cat.6A STP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B Labeling. 10 Gb/sec. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). Housing: Zinc Die-casting design for optimal EMI protection. Slim size is ideal for interfaces where the spaces are tight. IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8518.1 & 8518.2.		
	2018.7	2CLA201870A1001	10







Sky Niessen



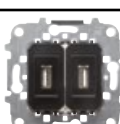

Telephone & data outlets

Product	Article-No.	Order-No.	Pack/Qty
	Housing for data outlets - Keystone type Housing for connectors with Keystone type clipping system. Mounting grid delivered with the cover plate. Cover plate code: 8518.1 & 8518.2.		
	2018	2CLA201800A1001	10
	Housing for data outlets - Systimax type Housing for connectors with Systimax type clipping system. Mounting grid delivered with the cover plate. Cover plate code: 8518.1 & 8518.2.		
	2018.8	2CLA201880A1001	10
	Cover plate for data outlet 1-gang Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8. Included: - Mounting grid without claws. - Shutters. - Labeling area.		
	Soft White	8518.1 BL	2CLA851810A1101 10
	Silver	8518.1 PL	2CLA851810A1301 10
	Soft Black	8518.1 NS	2CLA851810A1501 10
	Stainless Steel	8518.1 AI	2CLA851810A1401 10
	Antique Gold	8518.1 OE	2CLA851810A1201 10
	Cover plate for data outlet 2-gangs Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8. Included: - Mounting grid without claws. - Shutters. - Labeling area.		
	Soft White	8518.2 BL	2CLA851820A1101 10
	Silver	8518.2 PL	2CLA851820A1301 10
	Soft Black	8518.2 NS	2CLA851820A1501 10
	Stainless Steel	8518.2 AI	2CLA851820A1401 10
	Antique Gold	8518.2 OE	2CLA851820A1201 10

Sky Niessen


VDI connectors


Product	Article-No.	Order-No.	Pack/Qty
 Mini-Jack connection unit Front: 1x Mini-Jack connector (3,5mm stereo audio jack). Rear: screw terminals (3/4 wires). Without fixing claws. Cover plate code: 8555.	8155.4	2CLA815540A1001	1
 HDMI connection unit Front: 1x HDMI connector (Type A connector). Rear: screwless terminals (20 wires). Without fixing claws. Cover plate code: 8555.	8155.6	2CLA815560A1001	1
 HDMI female-female connection unit Front: 1x HDMI connector (Type A connector). Rear: 1x HDMI connector (Type A connector) fitted at 90° angle. Without fixing claws. Cover plate code: 8555.	8155.7	2CLA815570A1001	1
 USB connection unit Front: 1x USB 2.0 connector (Type A connector). Rear: screw terminals (5 wires). Without fixing claws. Cover plate code: 8555.	8155.8	2CLA815580A1001	1
 USB female-female connection unit Front: 1x USB 2.0 connector (Type A connector). Rear: 1x USB 2.0 connector (Type A connector) fitted at 90° angle. Without fixing claws. Cover plate code: 8555.	8155.9	2CLA815590A1001	1
 Cover plate 1-gang VDI connection unit Cover plate for 1-gang VDI connection unit code: 8155.4, 8155.6, 8155.7, 8155.8 & 8155.9.			
Soft White	8555 BL	2CLA855500A1101	1
Silver	8555 PL	2CLA855500A1301	1
Soft Black	8555 NS	2CLA855500A1501	1
Stainless Steel	8555 AI	2CLA855500A1401	1
Antique Gold	8555 OE	2CLA855500A1201	1


Product	Article-No.	Order-No.	Pack/Qty
 HDMI wired + USB connection unit Front: 1x HDMI connector (Type A connector) & 1x USB 2.0 connector (Type A connector). Rear: HDMI screwless terminals (20 wires) & USB screw terminals (5 wires). Without fixing claws. Cover plate code: 8555.1.	8155.68	2CLA815568A1001	1
 HDMI female-female + USB connection unit Front: 1x HDMI connector (Type A connector) & 1x USB 2.0 connector (Type A connector). Rear: 1x HDMI connector (Type A connector) fitted at 90° angle & USB screw terminals (5 wires). Without fixing claws. Cover plate code: 8555.1.	8155.78	2CLA815578A1001	1
 Double USB connection unit Front: 2x USB 2.0 connector (Type A connector). Rear: 2x USB screw terminals (5 wires). Without fixing claws. Cover plate code: 8555.1.	8155.88	2CLA815588A1001	1
 Cover plate 2-gangs VDI connection unit Cover plate for 2-gangs VDI connection unit code: 8155.68, 8155.78 & 8155.88.			
Soft White	8555.1 BL	2CLA855510A1101	1
Silver	8555.1 PL	2CLA855510A1301	1
Soft Black	8555.1 NS	2CLA855510A1501	1
Stainless Steel	8555.1 AI	2CLA855510A1401	1
Antique Gold	8555.1 OE	2CLA855510A1201	1


Sky Niessen


VDI connectors


Product	Article-No.	Order-No.	Pack/Qty
 2x RCA connection unit Front: 2x RCA connectors (Red / White). Rear: screw terminals (4 wires). Without fixing claws. Cover plate code: 8555.2.	8155.2	2CLA815520A1001	1


 Cover plate 2RCA connection unit Cover plate for 2RCA connection unit code: 8155.2.			
Soft White	8555.2 BL	2CLA855520A1101	1
Silver	8555.2 PL	2CLA855520A1301	1
Soft Black	8555.2 NS	2CLA855520A1501	1
Stainless Steel	8555.2 AI	2CLA855520A1401	1
Antique Gold	8555.2 OE	2CLA855520A1201	1


 3x RCA connection unit Front: 3x RCA connectors (Red / White / Yellow). Rear: screw terminals (6 wires). Without fixing claws. Cover plate code: 8555.3.	8155.3	2CLA815530A1001	1
---	---------------	-----------------	---


 Cover plate 3RCA connection unit Cover plate for 3RCA connection unit code: 8155.3.			
Soft White	8555.3 BL	2CLA855530A1101	1
Silver	8555.3 PL	2CLA855530A1301	1
Soft Black	8555.3 NS	2CLA855530A1501	1
Stainless Steel	8555.3 AI	2CLA855530A1401	1
Antique Gold	8555.3 OE	2CLA855530A1201	1


 VGA connection unit Front: 1x VGA connector (DE-15 connector). Rear: screw terminals (15 wires). Without fixing claws. Cover plate code: 8555.5.	8155.5	2CLA815550A1001	1
---	---------------	-----------------	---

 Cover plate VGA connection unit Cover plate for VGA connection unit code: 8155.5.			
Soft White	8555.5 BL	2CLA855550A1101	1
Silver	8555.5 PL	2CLA855550A1301	1
Soft Black	8555.5 NS	2CLA855550A1501	1
Stainless Steel	8555.5 AI	2CLA855550A1401	1
Antique Gold	8555.5 OE	2CLA855550A1201	1

Product	Article-No.	Order-No.	Pack/Qty
 VGA + 2RCA connection unit Front: 1x VGA connector (DE-15 connector) & 2x RCA connectors (Red / White). Rear: VGA screw terminals (15 wires) & RCA screw terminals (4 wires). Without fixing claws. Cover plate code: 8555.6.	8155.52	2CLA815552A1001	1





 Cover plate VGA + 2RCA connection unit Cover plate for VGA + 2RCA connection unit code: 8155.52.			
Soft White	8555.6 BL	2CLA855560A1101	1
Silver	8555.6 PL	2CLA855560A1301	1
Soft Black	8555.6 NS	2CLA855560A1501	1
Stainless Steel	8555.6 AI	2CLA855560A1401	1
Antique Gold	8555.6 OE	2CLA855560A1201	1






 VGA + mini-Jack connection unit Front: 1x VGA connector (DE-15 connector) & 1x Mini-Jack connector (3,5mm stereo audio jack). Rear: VGA screw terminals (15 wires) & Mini-jack screw terminals (3/4 wires). Without fixing claws. Cover plate code: 8555.4.	8155.54	2CLA815554A1001	1
--	----------------	-----------------	---

 Cover plate VGA + mini-jack connection unit Cover plate for VGA + mini-jack connection unit code: 8155.54.			
Soft White	8555.4 BL	2CLA855540A1101	1
Silver	8555.4 PL	2CLA855540A1301	1
Soft Black	8555.4 NS	2CLA855540A1501	1
Stainless Steel	8555.4 AI	2CLA855540A1401	1
Antique Gold	8555.4 OE	2CLA855540A1201	1

Sky Niessen





Light controls - Rotatory dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Rotatory dimmer, RL, 20-500 W Rated voltage: 230 V~ ; $\pm 10\%$ - 50 Hz. With rotatory control, 2-way On-Off switching and soft-catch. Leading Edge control. Rated power: 20 - 500 W / VA. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. In the case of conventional transformers, take ~20% transformer loss into account. Provided with terminal for net disconnection devices. Also applicable for 1gang 2way installations. Included: fixing claws. Cover plate code: 8560.2.		
	8160	2CLA816000A1001	1
	Rotatory dimmer, LED, 2-100 W Rated voltage: 230 V~ ; $\pm 10\%$ - 50/60 Hz. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads). With rotatory control, 2-way switch and soft-catch. 2-wire connection (neutral conductor not required). Optimised for dimming of retrofit LED lamps (LEDi). For dimming dimmable Retrofit-LEDs (LEDi) and 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. Switch adjustable: leading and trailing edge control. Low-noise level by MOSFET transistors. With electronic short-circuit and overload protection. With adjustable minimum brightness. Temperature range device: 0 °C to 35 °C. In the case of conventional transformers, take ~20% transformer loss into account. In case of electronic transformers, 5% transformer losses. Also applicable for 1gang 2way installations. Provided with terminal for net disconnection devices. Included: fixing claws. Cover plate code: 8560.2.		
	8160.2	2CLA816020A1001	1
	Rotatory dimmer, RL, 200-700 W Rated voltage: 230 V~ ; $\pm 10\%$ - 50 Hz. With rotatory control, 2way On-Off switching and soft-catch. Leading Edge control. Rated power: 200 - 700 W / VA. 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 fixing claws. In the case of conventional transformers, take ~20% transformer loss into account. Provided with terminal for net disconnection devices. Cover plate code: 8560.2.		
	8160.3	2CLA816030A1001	1
	Rotatory dimmer, RL, 60-400 W Rated voltage: 230 V~ ; $\pm 10\%$ - 50 Hz. 1 channel designed as dimmer. 1 channel designed as switch contact (1-gang 2-way contact element) with leading edge control. Rated power: 60 - 400 W / VA. For incandescent lamps, 230 V tungsten halogen lamps and low-volt halogen lamps with conventional transformer. With adjustable minimum brightness. Rated current 6A (changeover contact switch output). In the case of conventional transformers, take ~20% transformer loss into account. Can be used to replace a 2 gang 1 way switch. Included: fixing claws. Cover plate code: 8560.2		
	8160.5	2CLA816050A1001	1




Product	Article-No.	Order-No.	Pack/Qty
	Rotatory dimmer, RC, 40-420 W Rated voltage: 230 V~ ; $\pm 10\%$ - 50 Hz. With rotatory control, soft-catch and with trailing edge control. Rated power: 40 - 420 W / VA. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with electronic transformers. Low-noise, short-circuit-proof, overload-protected. Not suitable with conventional transformers. In case of electronic transformers, 5% transformer losses. Provided with terminal for net disconnection devices. Also applicable for 1gang 2 way installations. Included: fixing claws. Cover plate code: 8560.2.		
	8160.7	2CLA816070A1001	1
	Rotatory dimmer, RLC, 60-420 W Rated voltage: 230 V~ ; $\pm 10\%$ - 50/60 Hz. With soft-catch. With intelligence for universal operation. Rated power: 60 - 420 W / VA. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. Remote operation via rotatory-type remote control 8161.8 possible. In case of electronic transformers, 5% transformer losses. In the case of conventional transformers, take ~20% transformer loss into account. Cannot be combined with a 2way switch. Included: fixing claws. Cover plate code: 8560.2.		
	8160.8	2CLA816080A1001	1
	Rotatory dimmer, 1-10Vdc Rated voltage: 230 V~ ; $\pm 10\%$ - 50/60 Hz. Rated power: 700 W / VA. With rotatory 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 drivers. Without cover plate. Not illuminable. Making-current limiters have to be provided in case of too high making currents. Included: fixing claws. Cover plate code: 8560.2.		
	8160.9	2CLA816090A1001	1
	Rotatory dimmer remote control Rated voltage: 230 V~ ; $\pm 10\%$ - 50/60 Hz. To be used with dimmer code 8160.8. With soft-catch. A maximum of 5 multi-way extensions can be connected to a 8160.8 dimmer. Included: fixing claws. Cover plate code: 8560.2.		
	8161.8	2CLA816180A1001	1
	Cover plate with rotatory knob for dimmer Cover plate with rotatory knob for dimmer code: 8160, 8160.2, 8160.3, 8160.5, 8160.7, 8160.8, 8160.9 & 8161.8. Included: indicator neon lamp.		
Soft White	8560.2 BL	2CLA856020A1101	5
Silver	8560.2 PL	2CLA856020A1301	5
Soft Black	8560.2 NS	2CLA856020A1501	5
Stainless Steel	8560.2 AI	2CLA856020A1401	5
Antique Gold	8560.2 OE	2CLA856020A1201	5

Sky Niessen

Light controls - Push dimmers



Product	Article-No.	Order-No.	Pack/Qty
	Rotatory dimmer remote control Rated voltage: 230 V~ ; ± 10% - 50 Hz. Rated power: 60 - 450 W / VA. For dimming and switching of incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional or electronic transformers. 2-wire connection (neutral conductor not required). With soft ON/OFF function. With electronic short-circuit protection. With automatic overtemperature protection. With operating mode switch for operating mode: dimmer, switch. Dimmer operating mode: short press on the upper rocker switch half to switch the light on, short press on the lower rocker switch half to switch the light off. Dimmer operating mode: long press on the upper rocker switch half dims, with light switched on, the light brighter, or with light switched off the light brighter from nothing. Long press on the lower rocker switch half dims the light darker. Switch operating mode: press on the upper rocker switch half to switch the light on, press on the lower rocker switch half to switch the light off. Operation also possible via conventional push buttons 8104.X. Do not operate conventional transformers and electronic transformers together on the universal dimmer switch insert. Inputs: 1. Polling voltage: 230 V~, Sensing pulse, L-wire. Outputs: 1 electronic output, potential-bound. Suitable for: ohmic, capacitive and inductive loads. Temperature range device: 0 °C to 35 °C. Included: attachable claws. In the case of conventional transformers, take ~20% transformer loss into account. In case of electronic transformers, 5% transformer losses. Electronic cover plate: 8530.		
	8130	2CLA813000A1001	1
	Electronic rocker for dimmer switch Electronic rocker for dimmer switch control code: 8130.		
Soft White	8530 BL	2CLA853000A1101	1
Silver	8530 PL	2CLA853000A1301	1
Soft Black	8530 NS	2CLA853000A1501	1
Stainless Steel	8530 AI	2CLA853000A1401	1
Antique Gold	8530 OE	2CLA853000A1201	1
	Universal push dimmer 40-450W Rated voltage: 127 - 230 Vac - 50/60 Hz Min. power: 40 W. Max. power: - Incandescent: 450W @230Vac / 250W @127Vac. - Halogen with transformer: 400VA @230Vac / 250VA @127Vac. 2 wire connection. Optional: auxiliary control with 8104.X push-buttons. Overcurrent protection: with fuse. Indicator LED lamp included. Operating temperature: 0 - 30 °C. Without fixing claws. Cove plate code: 8560.1.		
	8160.1	2CLA816010A1001	1
	Cover plate for universal push dimmer Cover plate for universal push dimmer code: 8160.1.		
Soft White	8560.1 BL	2CLA856010A1101	5
Silver	8560.1 PL	2CLA856010A1301	5
Soft Black	8560.1 NS	2CLA856010A1501	5
Stainless Steel	8560.1 AI	2CLA856010A1401	5
Antique Gold	8560.1 OE	2CLA856010A1201	5




Light controls - DALI controllers

Product	Article-No.	Order-No.	Pack/Qty
	Rotatory DALI dimmer 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 rotatory control and ON/OFF push operation. Fool proof. 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. An additional DALI power supply is needed. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Temperature range device: 0 °C to 35 °C Included: fixing claws Cover plate code: 8560.2		
	8161.4	2CLA816140A1001	1
	Rotatory DALI dimmer with power supply Rated voltage: 230 V~ ; ± 10% - 50/60 Hz. 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 rotatory 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). 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 mm²). Temperature range device: 0 °C to 35 °C. Included: fixing claws. Cover plate code: 8560.2.		
	8161.5	2CLA816150A1001	1
	Cover plate with rotatory knob for dimmer Cover plate with rotatory knob for dimmer code: 8161.4 & 8161.5.		
Soft White	8560.2 BL	2CLA856020A1101	5
Silver	8560.2 PL	2CLA856020A1301	5
Soft Black	8560.2 NS	2CLA856020A1501	5
Stainless Steel	8560.2 AI	2CLA856020A1401	5
Antique Gold	8560.2 OE	2CLA856020A1201	5

Sky Niessen


Light controls - Timer switches

Product	Article-No.	Order-No.	Pack/Qty
	Universal single relay time delayed switch Rated voltage: 230 V~ ; $\pm 10\%$ - 50 Hz. For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers. 3 wire connection (neutral conductor required). With operating mode switch for operating mode: switch, time switch. Switch operating mode: press on the upper rocker switch half to switch the light on, press on the lower rocker switch half to switch the light off. Time switch operating mode: press on the upper rocker switch half to switch the light on, the light automatically switches off after a time delay. Manual switching off not possible. The delay can be set in 5 steps between 30 and 300 secs. Operation also possible via conventional push buttons 8104.X. Inputs: 1. Polling voltage: 230 V~, Sensing pulse, L-wire. Outputs: 1 Normally open contact, potential-bound. Suitable for: ohmic, capacitive and inductive loads. Rated current: 10 AX. Rated power: 2300 W / VA. Included: attachable claws. Electronic cover plate code: 8530.		
	8130.1	2CLA813010A1001	1
	Universal double relay time delayed switch Rated voltage: 230 V~ ; $\pm 10\%$ - 50 Hz. For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers. 3 wire connection (neutral conductor required). With operating mode switch for operating mode: switch, time switch. Switch operating mode: press on the upper rocker switch half to switch the light on, press on the lower rocker switch half to switch the light off. Time switch operating mode: press on the upper rocker switch half to switch the light on, the light automatically switches off after a time delay. Manual switching off not possible. The delay can be set in 5 steps between 30 and 300 secs. Operation also possible via conventional push buttons 8104.X. Inputs: 1. Polling voltage: 230 V~, Sensing pulse, L-wire. Outputs: 2 Normally open contacts, potential-bound. Suitable for: ohmic, capacitive and inductive loads. Rated current: 2x 3 AX. Rated power: 2x 700 W / VA. Included: attachable claws. Electronic cover plate code: 8530.		
	8130.2	2CLA813020A1001	1





Product	Article-No.	Order-No.	Pack/Qty
	Electronic rocker for time delayed switch Electronic rocker for time delayed switch code: 8130.1 & 8130.2.		
Soft White	8530 BL	2CLA853000A1101	1
Silver	8530 PL	2CLA853000A1301	1
Soft Black	8530 NS	2CLA853000A1501	1
Stainless Steel	8530 AI	2CLA853000A1401	1
Antique Gold	8530 OE	2CLA853000A1201	1
	Time delayed switch with triac Rated voltage: 230 Vac - 50 Hz. Power: - Incandescent: 40 - 500 W. - Halogen with transformer: 40 - 400 VA. - Motors: 40 - 100 VA. 2 wire connection. Delay setup: 10 sec. to 10 min. Overcurrent protection: with fuse. Indicator LED lamp included. Without fixing claws. Operating temperature: 0 - 40 °C. Cover plate code: 8562.		
	8162.1	2CLA816210A1001	1
	Cover plate for timer switch Cover plate for timer switch code: 8162.1.		
Soft White	8562 BL	2CLA856200A1101	1
Silver	8562 PL	2CLA856200A1301	1
Soft Black	8562 NS	2CLA856200A1501	1
Stainless Steel	8562 AI	2CLA856200A1401	1
Antique Gold	8562 OE	2CLA856200A1201	1

Sky Niessen

Light controls - Motion sensors


Product	Article-No.	Order-No.	Pack/Qty
	MOS-Fet switch for motion sensor Rated voltage: 230 V~ ; ± 10% - 50/60 Hz. 2-wire connection (neutral conductor not required). For 8541.1 motion sensor. Operation also possible via conventional push buttons 8104.X. Rated power: 60 - 420 W / VA. Suitable for: 230 V incandescent lamps, 230 V halogen lamps, low-voltage halogen lamps with conventional transformers. Temperature range device: 0 °C to 35 °C. In case of electronic transformers, 5 % transformer losses. In the case of conventional transformers, take ~20% transformer loss into account. Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps. Not suitable for activating the staircase time delay. Cannot be used to control relays. Included: fixing claws.		
	8141.3	2CLA814130A1001	1
	Relay switch for motion sensor Rated voltage: 230 V ; ± 10% - 50 Hz. 3 wire connection (neutral conductor required). For 8141.1 motion sensor. Outputs: 1 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 power: 700 W / VA. Temperature range device: 0 °C to 55 °C. Included: fixing claws.		
	8141.4	2CLA814140A1001	1
	180° motion sensor For automatic switching of devices dependent on motion and brightness. For relay inserts 8141.4. For MOS-Fet insert 8141.3. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Surveillance density: 18 sectors with 72 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Temperature range device: 0 °C to 35 °C. Detection range: frontal: 12 m, lateral: 8 m. Brightness limit value: from 5 lux up to daytime operation. Detection angle: 180 °. Mounting height: 0.8 m - 1.2 m.		
Soft White	8541.1 BL	2CLA854110A1101	1
Silver	8541.1 PL	2CLA854110A1301	1
Soft Black	8541.1 NS	2CLA854110A1501	1
Stainless Steel	8541.1 AI	2CLA854110A1401	1
Antique Gold	8541.1 OE	2CLA854110A1201	1


Light controls - Programmable switches

Product	Article-No.	Order-No.	Pack/Qty
	Relay switch Rated voltage: 230 V~ ; ± 10% - 50/60 Hz. 3 wire connection (neutral conductor required). For timer control element 8165.31. Operation also possible via conventional push buttons 8104.X. Outputs: 1 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. Included: fixing claws.		
	8161	2CLA816100A1001	1
	Relay switch for blinds Rated voltage: 230 V~ ; ± 10% - 50 Hz. Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off. Two 230 V multi-way input terminals (Up/Down) for group control. Operating mode switch for the following modes: normal, louver, base station, position. Wind alarm, cleaning functions can be accommodated via extension input. For comfort timer control element 8565.31. Remote control with blind controls code: 8144.X. Running time: 3 min. Outputs: 2 Normally open contact. Rated current: 3 A, cos φ0.5. Rated power: 690 VA. Control/Signal outputs: 2. Temperature range device: 0 °C to 35 °C. Included: fixing claws.		
	8161.2	2CLA816120A1001	1
	Timer control element 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. 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. For blind control insert 8161.2. For universal relay switch insert 8161. Temperature range device: 0 °C to 35 °C. Cover plate code: 8565.3.		
	8165.31	2CLA816530A1101	1
	Cover plate for timer control element Cover plate for timer control element code: 8165.31.		
Soft White	8565.3 BL	2CLA856530A1101	1
Silver	8565.3 PL	2CLA856530A1301	1
Soft Black	8565.3 NS	2CLA856530A1501	1
Stainless Steel	8565.3 AI	2CLA856530A1401	1
Antique Gold	8565.3 OE	2CLA856530A1201	1

Sky Niessen


Light controls - Wireless control


Product	Article-No.	Order-No.	Pack/Qty	
	Wireless switch transmitter - 1 channel 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. 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	8531.1 BL	2CLA853110A1101	1
	Silver	8531.1 PL	2CLA853110A1301	1
	Soft Black	8531.1 NS	2CLA853110A1501	1

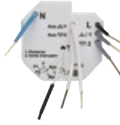



Wireless switch transmitter - 2 channel
 2-gang wall-mounted transmitter independent of mains power supply.
 2 radio channel for switching, dimming, controlling blinds or 4 light scenes can be called up.
 For wireless actuators: 8130.4, 8130.5, 8130.7 & 8130.6.
 Send frequency: 868 MHz.
 Free-field range: 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	8531.2 BL	2CLA853120A1101	1
Silver	8531.2 PL	2CLA853120A1301	1
Soft Black	8531.2 NS	2CLA853120A1501	1

	Wireless switch actuator 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: - Incandescent, halogen, electronic transformer and ferromagnetic transformers: 2.300 W / VA. - 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.		
	8130.4	2CLA813040A1001	1



Product	Article-No.	Order-No.	Pack/Qty
	Wireless dimming actuator 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: - Incandescent lamps: 35 - 300 W - Low voltage halogen lamps, which are operated by electronic transformers: 35 - 200 VA - 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		
	8130.5	2CLA813050A1001	1

	Wireless blind actuator 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: - Blind motors: 3 A, cos φ 0.5. - Incandescent/halogen lamps: 3 A. - 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.		
	8130.7	2CLA813070A1001	1





	Wireless DIN-rail actuator 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. / 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: - Incandescent, halogen, electronic transformer and ferromagnetic transformers: 2.300 W / VA. - Fluorescent load: 1.000 VA. Temperature range device: -5 °C to 45 °C. Dimensions: 1 module.		
	8130.6	2CLA813060A1001	1

Sky Niessen

Light controls - Rotatory switch








Product	Article-No.	Order-No.	Pack/Qty
	4 position rotatory switch Rated voltage: 110 - 250 Vac. Rated current: 16 AX. 4 positions. 4 circuits. Faston terminals. Without fixing claws. Cover plate code: 8554.		
	8154	2CLA815400A1001	10
			
Cover plate with knob for rotatory switch Cover plate for rotatory switch code: 8154.			
Soft White	8554 BL	2CLA855400A1101	1
Silver	8554 PL	2CLA855400A1301	1
Soft Black	8554 NS	2CLA855400A1501	1
Stainless Steel	8554 AI	2CLA855400A1401	1
Antique Gold	8554 OE	2CLA855400A1201	1









Temperature controls - RTC

Product	Article-No.	Order-No.	Pack/Qty
	Digital room thermostat Rated voltage: 230 Vac - 50/60 Hz. Power consumption: < 1W Operating temperature range: + 0 °C to 50 °C. Measurement accuracy: ±2 °C (± 1 °C with calibration). Resolution: 0.1 °C. Control output: Potential-free relay contacts Normally Open (NO). Maximum load: 3A cos = 0,5. Output relay operation modes: - Hysteresis: 0.5 °C. - Pulse-width modulation: with a ±4 °C difference with the set-point temperature, variable from 100% to 0% modulation. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: 8540.5.		
	8140.5	2CLA814050A1001	1
			
Cover plate for digital thermostat Cover plate for room thermostat code: 8140.5.			
Soft White	8540.5 BL	2CLA854050A1101	5
Silver	8540.5 PL	2CLA854050A1301	5
Soft Black	8540.5 NS	2CLA854050A1501	5
Stainless Steel	8540.5 AI	2CLA854050A1401	1
Antique Gold	8540.5 OE	2CLA854050A1201	1
			
Rotatory room thermostat with floor sensor Rated voltage: 230 Vac ; ±10 % - 50/60 Hz. Load power: 2.300 W. Load type: floor heating resistor. Control temperature: +5 °C to +45 °C (Set point). 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. Temperature accuracy: 0,5 °C. Hysteresis: 0,5 °C. Floor temperature sensor: NTC, 10KΩ at 25°C, -40°C to 80°C. Double isolated cable, 4m length. LED light indication: Red and green. Ambient temperature: -20 °C to 45 °C. Without fixing claws. Cover plate code: 8540.9.			
			
Cover plate with rotatory knob for RTC Cover plate for room thermostat code: 8140.9.			
Soft White	8540.9 BL	2CLA854090A1101	5
Silver	8540.9 PL	2CLA854090A1301	5
Soft Black	8540.9 NS	2CLA854090A1501	5
Stainless Steel	8540.9 AI	2CLA854090A1401	5
Antique Gold	8540.9 OE	2CLA854090A1201	5

Sky Niessen




Signaling and lighting systems

Product	Article-No.	Order-No.	Pack/Qty
	LED signaling light Rated voltage: 127-230 Vac / 50-60 Hz Lamp: white LED Luminous flux: > 2 lumen at 1 meter White diffuser Without fixing claws Cover plate code: 8581 without pictogram or 8581.XX with pictogram.		
	8180.1	2CLA818010A1001	1
	LED DND/MUR signaling light Rated voltage: 127-230 Vac / 50-60 Hz. Lamp: red/green LED. Luminous flux: > 2 lumen at 1 meter. White diffuser. Without fixing claws. Cover plate code: 8581 without pictogram or 8581.XX with pictogram.		
	8180.2	2CLA818020A1001	1
	Beacon LED light Rated voltage: 230 Vac / 50 Hz. Lamp: white LED. Luminous flux: > 2 lumen at 1 meter. White diffuser. Autonomy: 3 hours (1 hour at maximum illumination 2 hours with lower illumination). Battery: Ni-MH (estimated lifetime: 4 years). Without fixing claws. Cover plate code: 8581 without pictogram or 8581.XX with pictogram.		
	8181.2	2CLA818120A1001	1
	Cover for signaling light white Cover for signaling light with white diffuser for LED lights code: 8180.1, 8180.2 & 8181.2.		
	8581 BL	2CLA858100A1101	5
	Cover for signaling light red Cover for signaling light with red diffuser for LED lights code: 8180.1, 8180.2 & 8181.3.		
	8581 RJ	2CLA858100A1301	5
	Cover for signaling light green Cover for signaling light with green diffuser for LED lights code: 8180.1, 8180.2 & 8181.4.		
	8581 VD	2CLA858100A1401	5
	Cover for signaling light "WC" symbol Cover for signaling light with white diffuser and "WC" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.10	2CLA858110A1001	5

Product	Article-No.	Order-No.	Pack/Qty
	Cover for signaling light "WC men" symbol Cover for signaling light with white diffuser and "WC men" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.11	2CLA858110A1101	5
	Cover for signaling light "WC women" symbol Cover for signaling light with white diffuser and "WC woman" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.12	2CLA858110A1201	5
	Cover for signaling light "WC handic." symbol Cover for signaling light with white diffuser and "WC handic." symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.13	2CLA858110A1301	5
	Cover for signaling light "No smoking" symbol Cover for signaling light with white diffuser and "No smoking" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.14	2CLA858110A1401	5
	Cover for signaling light "No phone" symbol Cover for signaling light with white diffuser and "No phone" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.15	2CLA858110A1501	5
	Cover for signaling light "Silence" symbol Cover for signaling light with white diffuser and "Silence" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.16	2CLA858110A1601	5
	Cover for signaling light "Silence" symbol Cover for signaling light with white diffuser and "Silence" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.17	2CLA858110A1701	5
	Cover for signaling light "No entry" symbol Cover for signaling light with white diffuser and "No entry" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.18	2CLA858110A1801	5

Sky Niessen




Signaling and lighting systems

Product	Article-No.	Order-No.	Pack/Qty
	Cover for signaling light "Elevator" symbol Cover for signaling light with white diffuser and "Elevator" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.19	2CLA858110A1901	5
	Cover for signaling light "Exit" symbol Cover for signaling light with white diffuser and "Exit" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.20	2CLA858120A1001	5
	Cover for signaling light "Info point" symbol Cover for signaling light with white diffuser and "Info point" symbol for LED lights code: 8180.1, 8180.2 & 8181.5.		
	8581.21	2CLA858120A1101	5

Buzzer / Door bell




Product	Article-No.	Order-No.	Pack/Qty
	Buzzer Rated voltage: 127 - 230 Vac / 50 - 60 Hz. Rated power: 8 VA. Adjustable tone. Acoustic power at 1 meter with cover plate: 75 dB. Without fixing claws. Cover plate code: 8529.		
	8119	2CLA811900A1001	10
	Electronic door bell with 4 melodies Rated voltage: 230 Vac / 50-60 Hz. 4 melodies available. Acoustic power at 1 meter with cover plate: 72 dB. Without fixing claws. Cover plate code: 8529.		
	8124.2	2CLA812420A1001	1
	Cover plate for buzzer/door bell Cover plate for buzzer / door bell code: 8119 & 8124.2.		
	8529 BL	2CLA852900A1101	5
Soft White	8529 PL	2CLA852900A1301	5
Silver	8529 NS	2CLA852900A1501	5
Soft Black	8529 AI	2CLA852900A1401	5
Stainless Steel	8529 OE	2CLA852900A1201	5
Antique Gold			

Blank covers / Cable outlets




Product	Article-No.	Order-No.	Pack/Qty
	Blank cover plate Included: mounting grid and cover plate. Without fixing claws.		
	8500 BL	2CLA850000A1101	10
Soft White	8500 PL	2CLA850000A1301	10
Silver	8500 NS	2CLA850000A1501	10
Soft Black	8500 AI	2CLA850000A1401	10
Stainless Steel	8500 OE	2CLA850000A1201	10
Antique Gold			
	Cable outlet 3 connection screw terminals up to 2,5 mm². Cable tie included. Included: fixing claws. Cover plate code: 8507.		
	8107	2CLA810700A1001	10
	Cover plate for cable outlet Cover plate for cable outlet code: 8107.		
	8507 BL	2CLA850700A1101	10
Soft White	8507 PL	2CLA850700A1301	10
Silver	8507 NS	2CLA850700A1501	10
Soft Black	8507 AI	2CLA850700A1401	10
Stainless Steel	8507 OE	2CLA850700A1201	10
Antique Gold			

Sky Niessen

Multiroom Bluetooth system


Product	Article-No.	Order-No.	Pack/Qty
	Multiroom sound module Rated voltage: 127-230 Vac \pm 15%; 50-60 Hz. Max. consumption: 200 mA. Stand-by consumption: 0,3W. Amplifier power: 6+6 W; <1% distortion (4 Ω). Speaker impedance: 4 Ω (2+2 W audio). FM radio digital tuner with RDS. Alarm clock with buzzer, radio types and snooze function. Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1. Multiroom function available (1 master device and up to 14 slave devices). Remote control using code 9368.2 (ZigBee 2.4GHz IEEE 802.15.4). Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output) and USB connection functions.		
	9368.1	2CLA936810A1001	1
	Remote control for multiroom sound module - 2M Rated voltage: 127-230 Vac \pm 15%; 50-60 Hz. Max. consumption: 15 mA. Stand-by consumption: 0,5W. To control 9368.1 module (1 remote control for each module). Wireless connection between moles 9368.1 and 9368.2 (ZigBee 2.4GHz IEEE 802.15.4). 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). Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: 8568.		
	9368.2	2CLA936820A1001	1
	Cover plate for radio/remote control modules Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7. Included: cover plate and mounting grid. Without fixing claws.		
Soft White	8568 BL	2CLA856800A1101	1
Silver	8568 PL	2CLA856800A1301	1
Soft Black	8568 NS	2CLA856800A1501	1
Stainless Steel	8568 AI	2CLA856800A1401	1
Antique Gold	8568 OE	2CLA856800A1201	1


FM radio with alarm

Product	Article-No.	Order-No.	Pack/Qty
	FM-radio and alarm module - 2M Rated voltage: 230 Vac \pm 15%; 50-60 Hz. Max. consumption: 100 mA. Stand-by consumption: 0,2W. Amplifier power: 2+2 W; <1% distortion (16 Ω). Speaker impedance: 16 Ω (2+2 W audio). FM radio digital tuner with RDS. Alarm clock with buzzer, radio types and snooze function. Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output), USB connection and Bluetooth receiver functions. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: 8568.		
	9368	2CLA936800A1001	1
	FM-radio and alarm module - 2M Rated voltage: 127 Vac \pm 15%; 50-60 Hz. Max. consumption: 100 mA. Stand-by consumption: 0,2W. Amplifier power: 2+2 W; <1% distortion (16 Ω). Speaker impedance: 16 Ω (2+2 W audio). FM radio digital tuner with RDS. Alarm clock with buzzer, radio types and snooze function. Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output), USB connection and Bluetooth receiver functions. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: 8568.		
	9368.7	2CLA936870A1001	1
	Cover plate for radio/remote control modules Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7. Included: cover plate and mounting grid. Without fixing claws.		
Soft White	8568 BL	2CLA856800A1101	1
Silver	8568 PL	2CLA856800A1301	1
Soft Black	8568 NS	2CLA856800A1501	1
Stainless Steel	8568 AI	2CLA856800A1401	1
Antique Gold	8568 OE	2CLA856800A1201	1

Sky Niessen - Sound system





Auxiliary module

Product	Article-No.	Order-No.	Pack/Qty
	Auxiliary module - 2M Power supply through 9368, 9368.2 or 9368.7 modules. Max. consumption: 200 mA. Stand-by consumption: 0,4W. Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1. USB connector: for MP3 and WAV files. Max. consumption of the connected device: 100 mA @5Vdc. Input: 1x mini-jack stereo 3,5 mm. Output: 1x mini-jack stereo 3,5 mm. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: N2268.3.		
	9368.3	2CLA936830A1001	1




	Cover plate for I/O + USB + Bluetooth module Cover plate for I/O + USB + Bluetooth module code: 9368.3. Included: cover plate and mounting grid. Without fixing claws.		
Soft White	8568.3 BL	2CLA856830A1101	1
Silver	8568.3 PL	2CLA856830A1301	1
Soft Black	8568.3 NS	2CLA856830A1501	1
Stainless Steel	8568.3 AI	2CLA856830A1401	1
Antique Gold	8568.3 OE	2CLA856830A1201	1

Sky Niessen - Sound system


2" loudspeaker for wall

Product	Article-No.	Order-No.	Pack/Qty
	2" loudspeaker 2 W Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.7 and 9335.1. With broadband characteristics. With screwless terminals. Rated output: 2 W (RMS). Frequency response: 150 - 16.000 Hz. Impedance: 16 Ohm. Mounting depth: 34 mm. Without fixing claws. Cover plate code: 8529, 8629 & 9399.4.		
	9329	2CLA932900A1001	1
	Cover plate for 2" loudspeaker Cover plate for 2" loudspeaker code: 9329.		
Soft White	8529 BL	2CLA852900A1101	5
Silver	8529 PL	2CLA852900A1301	5
Soft Black	8529 NS	2CLA852900A1501	5
Stainless Steel	8529 AI	2CLA852900A1401	5
Antique Gold	8529 OE	2CLA852900A1201	5
	Cover plate for 2" loudspeaker Cover plate for 2" loudspeaker code: 9329.		
Chrome	8629 CR	2CLA862900A1401	5
Black Glass	8629 CN	2CLA862900A1501	5
	Embellishing grid for 2" loudspeaker Embellishing grid for 2" loudspeaker code: 9329. Plastic material.		
White	9399.4 BA	2CLA939940A1001	5
Black	9399.4 NG	2CLA939940A1501	5

5" loudspeaker for ceiling




Product	Article-No.	Order-No.	Pack/Qty
	5" loudspeaker 6 W Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.7 and 9335.1. With broadband characteristics. With screw terminals. Rated output: 6 W (RMS). Frequency response: 70 - 10.000 Hz. Impedance: 16 Ohm. Flush mounted installation with 9399 mounting box or 9399.1 mounting ring. Embellishing grid code: 9399.2.		
	9329.1	2CLA932910A1001	1
	Installation box for 5" loudspeaker For 9329.1 loudspeaker. For flush-mounted assembly. Drilling measurements: 174 mm. Mounting depth: 84 mm.		
	9399	2CLA939900A1001	12
	Installation ring for 5" loudspeaker For 9329.1 loudspeaker. For mounting in hollow walls/ceilings. With spring brackets. Drilling measurements: 160 mm. Mounting depth: 110 mm.		
	9399.1	2CLA939910A1001	12
	Embellishing grid for 5" loudspeaker Embellishing grid for 5" loudspeaker code: 9329.1. Plastic material. With central fixation screw.		
	9399.2	2CLA939920A1001	12

Auxiliary amplifier



	Auxiliary 20W amplifier Rated voltage: 230 Vac \pm 10% / 50-60 Hz. Power consumption: 3,5 VA (max. 36 VA). Output voltage: 15 V- (max. 1,5 A). Output power: - 10 + 10 W (2 Ω). - 20 W (4 Ω). Speaker impedance: - 2 - 16 Ω (10 + 10 W). - 4 - 16 Ω (20 W). Can be operated in booster mode with FM radio modules 9368 and 9368.7 and multiroom modules 9368.1. Can be operated in "standalone" mode with one audio input. Can be used in bridge operation. For extending the number of speakers at one amplifier insert. For max. 16 speakers code 9329 or 9329.1. DIN-rail installation. Module width: 7.		
	9335.1	2CLA933510A1001	1

Sky Niessen - Sound system

Potentiometers



Product	Article-No.	Order-No.	Pack/Qty
	Potentiometer for loudspeakers 3W Wire-wound potentiometer. 3 W / 27 Ω. For low impedance circuits. Without fixing claws. Cover plate code: 8559.		
	8159.3	2CLA815930A1001	1
	Potentiometer for loudspeakers 5W Wire-wound potentiometer. 5 W / 47 Ω. For low impedance circuits. Without fixing claws. Cover plate code: 8559.		
	8159.5	2CLA815950A1001	1
	Cover plate with rotatory knob for potentiometer Cover plate with rotatory knob for potentiometer: 8159.3 & 8159.5.		
Soft White	8559 BL	2CLA855900A1101	1
Silver	8559 PL	2CLA855900A1301	1
Soft Black	8559 NS	2CLA855900A1501	1
Stainless Steel	8559 AI	2CLA855900A1401	1
Antique Gold	8559 OE	2CLA855900A1201	1

Connection units




Product	Article-No.	Order-No.	Pack/Qty
	Speaker connection unit Front: 2x spring speaker terminals (Red/Black). Rear: 2x screw terminals. Without fixing claws. Cover plate code: 8557.1.		
	8157.1	2CLA815710A1101	1
	Cover plate for speaker connection unit Cover plate for speaker connection unit code: 8157.1.		
Soft White	8557.1 BL	2CLA855710A1101	1
Silver	8557.1 PL	2CLA855710A1301	1
Soft Black	8557.1 NS	2CLA855710A1501	1
Stainless Steel	8557.1 AI	2CLA855710A1401	1
Antique Gold	8557.1 OE	2CLA855710A1201	1

Sky Niessen - Free@home - Home automation



Sensors

Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor unit - 1-gang For sending switching, dimming and blind commands to an ABB-free@home® actuator. Control element: Switch contacts top/ bottom. Display elements: LED as light for orientation or display of switching state. Mounting depth: 9 mm. To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.		
	SU-F-1.0.1	2CKA006220A0117	1
	free@home Sensor unit - 2-gang For sending switching, dimming and blind commands to an ABB-free@home® actuator. Control element: Switch contacts top/ bottom. Display elements: LED as light for orientation or display of switching state. Mounting depth: 9 mm. 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.		
	SU-F-2.0.1	2CKA006220A0118	1



Sensor & switch actuators

Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor/Switch actuator - 1/1-gang For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Outputs: 1x normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Mounting depth: 32 mm. To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.		
	SSA-F-1.1.1	2CKA006220A0123	1
	free@home Sensor/Switch actuator - 2/1-gang For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Outputs: 1x normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Mounting depth: 32 mm. 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.		
	SSA-F-2.1.1	2CKA006220A0124	1
	free@home Sensor/Switch actuator - 2/2-gang For switching 230 V~ devices. With 2 integrated switch actuator. Switching function is available pre-configured. Outputs: 2x normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2 x 1200 W. Suitable for: capacitive. Rated current: 10 AX. Mounting depth: 32 mm. 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. Mounting depth: 32 mm. 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.		
	SSA-F-2.2.1	2CKA006220A0125	1

Sensor & dimmer actuators


Product	Article-No.	Order-No.	Pack/Qty
	free@home sensor/Dimmer actuator - 1/1-gang For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured. Outputs: 1x dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10-180 W / VA. Suitable for: LEDi and energy-saving bulbs. Rated power: 2-80 W / VA. Mounting depth: 32 mm. To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.		
	SDA-F-1.1.1	2CKA006220A0126	1
	free@home Sensor/Dimmer actuator - 2/1-gang For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured Outputs: 1x dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10-180 W / VA. Suitable for: LEDi and energy-saving bulbs. Rated power: 2-80 W / VA. Mounting depth: 32 mm. 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.		
	SDA-F-2.1.1	2CKA006220A0127	1

Sensor & blind actuators


Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor/Blind actuator - 1/1-gang For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. Outputs: 1x Change-over contacts/normally open contact, potential-bound. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Mounting depth: 32 mm. To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.		
	SBA-F-1.1.1	2CKA006220A0128	1
	free@home Sensor/Blind actuator - 2/1-gang For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. Outputs: 1x Change-over contacts/normally open contact, potential-bound. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Mounting depth: 32 mm. 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.		
	SBA-F-2.1.1	2CKA006220A0129	1


Sky Niessen - Free@home - Home automation

Room temperature controller


Product	Article-No.	Order-No.	Pack/Qty
	free@home Room temperature controller 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. To be installed with CP-RTC-85 cover plates for RTC or CP-RTC-FC-85 cover plates for fan coil control.		
	RTC-F-1	2CKA006220A0122	1


Motion sensor & actuators


Product	Article-No.	Order-No.	Pack/Qty
	free@home 180° motion sensor 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. Detection range: frontal 6 m, lateral 3 m. Detection angle: 180°. Brightness limit value: 1 – 500 lux. Protection class of device: IP 20. Mounting depth: 14.1 mm. To be installed with CP-MD-85 cover plates (mounting grid without claws included).		
	MD-F-1.0.PB.1	2CKA006220A0229	1

	free@home 180° motion sensor/actuator With select lens for detection with animal access. Including an integrated actuator for switching 230 V~ devices. Outputs: 1× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Detection range: frontal 6 m, lateral 3 m. Detection angle: 180°. Brightness limit value: 1 – 500 lux. Protection class of device: IP 20. Mounting depth: 31.5 mm. To be installed with CP-MD-85 cover plates (mounting grid without claws included).		
	MSA-F.1.1.PB.1	2CKA006220A0231	1

Wireless sensors



Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor unit - 1-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. 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. Control element: switch contacts top/bottom. Display elements: LED as light for orientation or display of the switching state. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-1-85 cover plates.		
	SR-F-1.0.1-WL	2CKA006200A0072	1

	free@home Sensor unit - 2-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. 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. Control element: switch contacts top/bottom. Display elements: LED as light for orientation or display of the switching state. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-2-85 cover plates.		
	SR-F-2.0.1-WL	2CKA006200A0073	1



	free@home Sensor/Switch actuator - 1/1-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. For switching 230 V~ consumers. Wireless communication with the free@home system. With integrated switch actuator. Switching function is available also without prior programming (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). 3 wire connection (neutral conductor required). With 230 V extension unit input (On/Off). With fixing claws. Control element: switch contacts top/bottom. Display elements: LED as light for orientation or display of the switching state. Outputs: 1 Normally Open contact, potential-bound (output voltage: 230 Vac) Suitable for: ohmic. Rated current / power: 10 A / 2300 W. Suitable for: capacitive. Rated current / power: 10 AX / 2300 VA. Suitable for: inductive. Rated current / power: 10 A / 2300 VA. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-1-85 cover plates.		
	SSA-F-1.1.1-WL	2CKA006200A0074	1

Sky Niessen - Free@home - Home automation

Wireless sensor & switch actuators



Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor/Switch actuator - 2/1-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. For switching 230 V~ consumers. Wireless communication with the free@home system. With integrated switch actuator. Switching function is available also without prior programming (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.). 3 wire connection (neutral conductor required). With 230 V extension unit input (On/Off). With fixing claws. Control element: switch contacts top/bottom. Display elements: LED as light for orientation or display of the switching state. Outputs: 1 Normally Open contact, potential-bound (output voltage: 230 Vac). Suitable for: ohmic. Rated current / power: 10 A / 2300 W. Suitable for: capacitive. Rated current / power: 10 AX / 2300 VA. Suitable for: inductive. Rated current / power: 10 A / 2300 VA. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-2-85 cover plates.		
	SSA-F-2.1.1-WL	2CKA006200A0075	1
	free@home Sensor/Switch actuator - 2/2-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. For switching 230 V~ consumers. Wireless communication with the free@home system. With integrated 2-gang switch actuator. Switching function is available also without prior programming (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.). 3 wire connection (neutral conductor required). With two 230 V extension unit inputs (On/Off). With fixing claws. Control element: switch contacts top/bottom Display elements: LED as light for orientation or display of the switching state. Outputs: 2 Normally Open contacts, potential-bound (output voltage: 230 Vac). Suitable for: ohmic. Rated current / power: 5 A / 1200 W. Suitable for: capacitive. Rated power: 920 VA. Suitable for: inductive. Rated power: 800 VA. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-2-85 cover plates.		
	SSA-F-2.2.1-WL	2CKA006200A0076	1

Wireless sensor & dimmer actuators



Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor/Dimmer actuator - 1/1-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. For dimming 230 V~ loads. Wireless communication with the free@home system. 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 (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). 2-wire connection (neutral conductor not required) 3-wire connection technology is possible as an option for improved load behaviour (for details see the manual). With 230 V extension unit input (dimming brighter/darker, switching). With fixing claws. Control element: switch contacts top/bottom. Display elements: LED as light for orientation or display of the switching state. Outputs: 1 dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer. Rated power: 20 - 180 W / VA. Suitable for: LEDi and energy-saving bulbs; typical. Rated power: 2 - 80 W / VA. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-1-85 cover plates.		
	SDA-F-1.1.1-WL	2CKA006200A0077	1
	free@home Sensor/Dimmer actuator - 2/1-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. For dimming 230 V~ loads. Wireless communication with the free@home system. 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). Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.). 2-wire connection (neutral conductor not required) 3-wire connection technology is possible as an option for improved load behaviour (for details see the manual). With 230 V extension unit input (dimming brighter/darker, switching). With fixing claws. Control element: switch contacts top/bottom Display elements: LED as light for orientation or display of the switching state. Outputs: 1 dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer. Rated power: 20 - 180 W / VA. Suitable for: LEDi and energy-saving bulbs; typical. Rated power: 2 - 80 W / VA. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-2-85 cover plates.		
	SDA-F-2.1.1-WL	2CKA006200A0078	1

Sky Niessen - Free@home - Home automation

Wireless sensor & blind actuators


Product	Article-No.	Order-No.	Pack/Qty
 <p>free@home Sensor/Blind actuator - 1/1-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. For controlling blind or awning motors. Wireless communication with the free@home system. With integrated blind actuator. Blind function is available also without prior programming (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). 3 wire connection (neutral conductor required). With two 230 V extension unit inputs (Up/Down). With fixing claws. Control element: switch contacts top/bottom. Display elements: LED as light for orientation or display of the switching state. Outputs: 2 Normally Open contact, potential-bound (output voltage: 230 Vac). Suitable for: blind motors. Rated current / power: 4 A / 920 VA. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-1-85 cover plates.</p>			
	SBA-F-1.1.1-WL	2CKA006200A0079	1
 <p>free@home Sensor/Blind actuator - 2/1-gang - Wireless Rated voltage: 230 Vac - 50/60Hz. For controlling blind or awning motors. Wireless communication with the free@home system. With integrated blind actuator. Blind function is available also without prior programming (pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). The right sensor channel for programming additional functions (groups, scenes, etc.). 3 wire connection (neutral conductor required). With two 230 V extension unit inputs (Up/Down). With fixing claws. Control element: switch contacts top/bottom. Display elements: LED as light for orientation or display of the switching state. Outputs: 2 Normally Open contacts, potential-bound (output voltage: 230 Vac). Suitable for: blind motors. Rated current / power: 4 A / 920 VA. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with SR-2-85 cover plates.</p>			
	SBA-F-2.1.1-WL	2CKA006200A0080	1


Wireless temperature controller


Product	Article-No.	Order-No.	Pack/Qty
 <p>free@home Room thermostat - Wireless Rated voltage: 230 Vac - 50/60Hz. Heating/cooling operation. Wireless communication with the free@home system. 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. With fixing claws. Control element: floating rocker for the selection of set values and operating modes. Display elements: LCD showing operation modes. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with CP-RTC-85 cover plates for RTC or CP-RTC-FC-85 for fan coil control.</p>			
	RTC-F-1-WL	2CKA006200A0081	1
 <p>free@home Room thermostat/actuator - Wireless Rated voltage: 230 Vac - 50/60Hz. Rated frequency: 50 Hz / 60 Hz. Heating/cooling operation. Wireless communication with the free@home system. 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. 3 wire connection (neutral conductor required). With fixing claws. Control element: floating rocker for the selection of set values and operating modes. Display elements: LCD showing operation modes. Outputs: 1 Normally Open contact, potential-bound (output voltage: 230 Vac). Suitable for: ohmic. Rated current / power: 16 A / 3680 W. Temperature range device: -5 °C to 45 °C. Mounting depth: 32 mm. To be installed with CP-RTC-85 cover plates.</p>			
	RTC-F-2.1.1-WL	2CKA006200A0082	1


Sky Niessen - Free@home - Home automation


Cover plates


Color	Article-No.	Order-No.	Pack/Qty
	Cover plate - free@home 1-gang sensors 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. Without symbol.		
Soft White	SR-1-85 BL	2CLA852620A1101	1
Silver	SR-1-85 PL	2CLA852620A1301	1
Soft Black	SR-1-85 NS	2CLA852620A1501	1
Stainless Steel	SR-1-85 AI	2CLA852620A1401	1
Antique Gold	SR-1-85 OE	2CLA852620A1201	1


	Cover plate - free@home 1-gang sensors - Switch 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. With Light symbol.		
Soft White	SRL-1-85 BL	2CLA852626A1101	1
Silver	SRL-1-85 PL	2CLA852626A1301	1
Soft Black	SRL-1-85 NS	2CLA852626A1501	1
Stainless Steel	SRL-1-85 AI	2CLA852626A1401	1
Antique Gold	SRL-1-85 OE	2CLA852626A1201	1


	Cover plate - free@home 1-gang sensors - Dimmer 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. With Dimming symbol.		
Soft White	SRD-1-85 BL	2CLA852625A1101	1
Silver	SRD-1-85 PL	2CLA852625A1301	1
Soft Black	SRD-1-85 NS	2CLA852625A1501	1
Stainless Steel	SRD-1-85 AI	2CLA852625A1401	1
Antique Gold	SRD-1-85 OE	2CLA852625A1201	1

	Cover plate - free@home 1-gang sensors - Blind 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. With Blind symbol.		
Soft White	SRB-1-85 BL	2CLA852623A1101	1
Silver	SRB-1-85 PL	2CLA852623A1301	1
Soft Black	SRB-1-85 NS	2CLA852623A1501	1
Stainless Steel	SRB-1-85 AI	2CLA852623A1401	1
Antique Gold	SRB-1-85 OE	2CLA852623A1201	1

Color	Article-No.	Order-No.	Pack/Qty
	Cover plate - free@home 1-gang sensors - Scene 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. With Scene symbol.		
Soft White	SRS-1-85 BL	2CLA852627A1101	1
Silver	SRS-1-85 PL	2CLA852627A1301	1
Soft Black	SRS-1-85 NS	2CLA852627A1501	1
Stainless Steel	SRS-1-85 AI	2CLA852627A1401	1
Antique Gold	SRS-1-85 OE	2CLA852627A1201	1


	Cover plate - free@home 2-gang sensors Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SDA-F-2.2.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SDA-F-2.2.1-WL, SBA-F-2.1.1-WL. Without symbol. Suitable for both gangs.		
Soft White	SR-2-85 BL	2CLA852640A1101	1
Silver	SR-2-85 PL	2CLA852640A1301	1
Soft Black	SR-2-85 NS	2CLA852640A1501	1
Stainless Steel	SR-2-85 AI	2CLA852640A1401	1
Antique Gold	SR-2-85 OE	2CLA852640A1201	1


	Cover plate - free@home 2-gang sensors - Switch - Left Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SDA-F-2.2.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SDA-F-2.2.1-WL, SBA-F-2.1.1-WL. With Light symbol. Suitable for the left gang.		
Soft White	SRL-2-L-85 BL	2CLA852642A1101	1
Silver	SRL-2-L-85 PL	2CLA852642A1301	1
Soft Black	SRL-2-L-85 NS	2CLA852642A1501	1
Stainless Steel	SRL-2-L-85 AI	2CLA852642A1401	1
Antique Gold	SRL-2-L-85 OE	2CLA852642A1201	1


	Cover plate - free@home 2-gang sensors - Switch - Right Cover plate for free@home sensors and sensor/actuators with 2-gang sensors code: SU-F-2.0.1, SSA-F-2.1.1, SDA-F-2.2.1, SBA-F-2.1.1, SU-F-2.0.1-WL, SSA-F-2.1.1-WL, SDA-F-2.2.1-WL, SBA-F-2.1.1-WL. With Light symbol. Suitable for the right gang.		
Soft White	SRL-2-R-85 BL	2CLA852648A1101	1
Silver	SRL-2-R-85 PL	2CLA852648A1301	1
Soft Black	SRL-2-R-85 NS	2CLA852648A1501	1
Stainless Steel	SRL-2-R-85 AI	2CLA852648A1401	1
Antique Gold	SRL-2-R-85 OE	2CLA852648A1201	1


Sky Niessen - Free@home - Home automation


Cover plates


Color	Article-No.	Order-No.	Pack/Qty
	Cover plate - free@home 2-gang sensors - Dimmer - Left 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	SRD-2-L-85 BL	2CLA852641A1101	1
Silver	SRD-2-L-85 PL	2CLA852641A1301	1
Soft Black	SRD-2-L-85 NS	2CLA852641A1501	1
Stainless Steel	SRD-2-L-85 AI	2CLA852641A1401	1
Antique Gold	SRD-2-L-85 OE	2CLA852641A1201	1


	Cover plate - free@home 2-gang sensors - Dimmer - Right 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	SRD-2-R-85 BL	2CLA852640A2101	1
Silver	SRD-2-R-85 PL	2CLA852640A2301	1
Soft Black	SRD-2-R-85 NS	2CLA852640A2501	1
Stainless Steel	SRD-2-R-85 AI	2CLA852640A2401	1
Antique Gold	SRD-2-R-85 OE	2CLA852640A2201	1


	Cover plate - free@home 2-gang sensors - Blind 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	SRB-2-85 BL	2CLA852643A1101	1
Silver	SRB-2-85 PL	2CLA852643A1301	1
Soft Black	SRB-2-85 NS	2CLA852643A1501	1
Stainless Steel	SRB-2-85 AI	2CLA852643A1401	1
Antique Gold	SRB-2-85 OE	2CLA852643A1201	1

	Cover plate - free@home 2-gang sensors - Scene - Left 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	SRS-2-L-85 BL	2CLA852644A1101	1
Silver	SRS-2-L-85 PL	2CLA852644A1301	1
Soft Black	SRS-2-L-85 NS	2CLA852644A1501	1
Stainless Steel	SRS-2-L-85 AI	2CLA852644A1401	1
Antique Gold	SRS-2-L-85 OE	2CLA852644A1201	1

Color	Article-No.	Order-No.	Pack/Qty
	Cover plate - free@home 2-gang sensors - Scene - Right 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	SRS-2-R-85 BL	2CLA852647A1101	1
Silver	SRS-2-R-85 PL	2CLA852647A1301	1
Soft Black	SRS-2-R-85 NS	2CLA852647A1501	1
Stainless Steel	SRS-2-R-85 AI	2CLA852647A1401	1
Antique Gold	SRS-2-R-85 OE	2CLA852647A1201	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	CP-RTC-85 BL	2CLA854060A1101	1
Silver	CP-RTC-85 PL	2CLA854060A1301	1
Soft Black	CP-RTC-85 NS	2CLA854060A1501	1
Stainless Steel	CP-RTC-85 AI	2CLA854060A1401	1
Antique Gold	CP-RTC-85 OE	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	CP-RTC-FC-85 BL	2CLA855420A1101	1
Silver	CP-RTC-FC-85 PL	2CLA855420A1301	1
Soft Black	CP-RTC-FC-85 NS	2CLA855420A1501	1
Stainless Steel	CP-RTC-FC-85 AI	2CLA855420A1401	1
Antique Gold	CP-RTC-FC-85 OE	2CLA855420A1201	1



	Cover plate - free@home motion sensor 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	CP-MD-85 BL	2CLA854160A1101	1
Silver	CP-MD-85 PL	2CLA854160A1301	1
Soft Black	CP-MD-85 NS	2CLA854160A1501	1
Stainless Steel	CP-MD-85 AI	2CLA854160A1401	1
Antique Gold	CP-MD-85 OE	2CLA854160A1201	1

Sky Niessen

Touch displays



Color	Article-No.	Order-No.	Pack/Qty
	ABB-free@homeTouch 7"		
	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 Consumer units: 11 Display elements: TFT Touch Display Dimensions: (L x W x D): 155 mm x 218 mm x 29 mm 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 Temperature range (device): -5 °C to 40 °C		
	White DP7-S-611	2CKA008300A0356	1
Black	DP7-S-625	2CKA008300A0357	1

	ABB-free@homeTouch 4.3"		
	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 Bus voltage: 24 V- Dimensions: (L x W x D): 104 mm x 143 mm x 53 mm Programming only with bus voltage applied via the web interface of the System Access Point. Protection class (device): IP20 Temperature range (device): -5 °C to 40 °C		
	White DP4-1-611	2CKA006220A0119	1
Black	DP4-1-625	2CKA006220A0120	1


Color	Article-No.	Order-No.	Pack/Qty
	Flush mounting installation box		
	For flush-mounted in hollow-wall installation of the ABB-free@homeTouch 4.3". Windproof. Installation dimensions (H x W x D): 82 mm x 123 mm x 50 mm Mounting depth: 50 mm Halogen free.		
	DP4-F	2CKA006220A0389	1
	Temperature sensor		
	For use as remote sensor with ABB-free@homeTouch 4.3". Line type: H03 VV-F Cable length: 4 m Type: NTC 10 kohm.		
	DP4-T-1	2CKA006220A0721	1

Sky Niessen


System Access Point

Product	Article-No.	Order-No.	Pack/Qty
 <p>System Access Point - Wireless 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): 110 mm x 170 mm x 31 mm Programming via the web interface of the System Access Point. Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C</p>	SAP-S-2	2CKA006200A0105	1
 <p>External antenna - Wireless 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>	SAP-1-WL	2CKA006200A0100	1

Weather station




Product	Article-No.	Order-No.	Pack/Qty
 <p>Weather station 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 The bus can be connected via enclosed terminal block. Rated voltage: 110 V~ - 230 V~; 50/60 Hz. Bus voltage: 24 V- Inputs: 4 Temperature range (sensor): Brightness limit value: 1 lux - 100000 lux Dimensions: (L x W x D): 108 mm x 121 mm x 227 mm Protection class (device): IP44 Temperature range (device): -20 °C to 55 °C</p>	WS-1	2CKA006220A0390	1

Power supply



Product	Article-No.	Order-No.	Pack/Qty
 <p>Power supply 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 Rated voltage: 127 V~ - 230 V~, +10 % / -15%; 50/60Hz Secondary: 30 V, +2 V / -2 V Outputs: 1 Rated current: 640 mA Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm Module width (DIN-rail): 4 MW</p>	PS-M-64.1.1	2CDG510001R0011	1

Sky Niessen

Binary inputs


Product	Article-No.	Order-No.	Pack/Qty
	Binary input 2-gang 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. Flush-mounted device for installation in a 60 mm device box or distribution box. The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point. Bus voltage: 24 V Inputs: 2 Polling voltage: 20 V- Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm.		
BI-F-2.0.1		2CDG510002R0011	1
	Binary input 4-gang 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. Flush-mounted device for installation in a 60 mm device box or distribution box. The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point. Bus voltage: 24 V Inputs: 4 Polling voltage: 20 V- Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm		
BI-F-4.0.1		2CDG510003R0011	1
	Binary input 4-gang 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. The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point. Bus voltage: 24 V Inputs: 4 Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 36 mm x 64 mm Module width DIN-rail): 2 MW		
BI-M-4.0.1		2CDG510004R0011	1

Switch actuators


Product	Article-No.	Order-No.	Pack/Qty
	Binary input 8-gang / switch actuator 8-gang Combination device with 8 binary inputs and 8 switch actuators. 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. The contact polling voltage is made available by the device itself. Maximum cable length at a cable cross-section of 1.5 mm ² < 100 m For switching 8 independent 230 V~ loads. No additional commissioning software is required. Programming only with bus voltage applied via the web interface of the System Access Point. Bus voltage: 24 V Inputs: 8 Polling voltage: 35 V- Outputs: 8 Normally Open contact, potential free Suitable for: AC1 (Output voltage: 230 V~) Rated current: 6 A, cos φ 0.8 Suitable for: AC3 (Output voltage: 230 V~) Rated current: 6 A, cos φ 0.45 Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 144 mm x 64.5 mm Module width (DIN-rail): 8 MW.		
SA-M-8.8.1		2CDG510007R0011	1
	Switch actuator 4-gang For switching 4 independent 127 V~/230 V~ loads. Each contact has a manual operation function independent of auxiliary voltage for additionally displaying the contact setting. The bus can be connected via enclosed terminal block. Control element: relay control element. Display elements: relay control element. Programming only with bus voltage applied via the web interface of the System Access Point. Power dissipation: 4 W Bus voltage: 24 V Outputs: 4 Suitable for: AC1 (Output voltage: 230 V~) Rated current: 16 A, cos φ 0.8 Suitable for: AC3 Rated current: 8 A, cos φ 0.45 Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm Module width (DIN-rail): 4 MW.		
SA-M-0.4.1		2CDG510006R0011	1

Sky Niessen




Dimmer actuator

Product	Article-No.	Order-No.	Pack/Qty
 <p>Dimmer actuator 4-gang 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. Status indication of the channels via LED. 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. Rated voltage: 230 V~; 50/60 Hz Bus voltage: 24 V Outputs: 4 dimming channel Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer. Rated power: 10 - 315 W/VA Suitable for: LEDi and energy-saving bulbs; typical Rated power: 2 - 80 W/VA Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 144 mm x 64 mm Module width (DIN-rail): 8 MW.</p>	DA-M-0.4.2	2CKA006220A0395	1

Blind actuator



Product	Article-No.	Order-No.	Pack/Qty
 <p>Blind actuator 4-gang For controlling 4 independent blind or roller shutter drives. The outputs are inversely blocked. The bus can be connected via enclosed terminal block. Programming only with bus voltage applied via the web interface of the System Access Point. Power dissipation: 2 W Bus voltage: 24 V Outputs: 4 Suitable for: AC3 (Output voltage: 230 V~) Rated current: 6 A, cos φ0.45 Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm Module width (DIN-rail): 4 MW.</p>	BA-M-0.4.1	2CDG510011R0011	1

Heating & fan coil actuators



Product	Article-No.	Order-No.	Pack/Qty
 <p>Heating actuator 6-gang For controlling thermoelectric actuating drives in heating/cooling systems. 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. Power dissipation: 2 W Bus voltage: 24 V Outputs: 6 Suitable for: resistive Rated current: 160 mA Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C. Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm. Module width (DIN-rail): 4 MW.</p>	HA-M-0.6.1	2CDG510008R0011	1
 <p>Heating actuator 12-gang For controlling thermoelectric actuating drives in heating/cooling systems. 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. Power dissipation: 4 W Bus voltage: 24 V Outputs: 12 Suitable for: ohmic Rated current: 160 mA Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C Dimensions: (L x W x D): 90 mm x 144 mm x 64 mm. Module width: 8 MW.</p>	HA-M-0.12.1	2CDG510009R0011	1
 <p>Fan coil actuator 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. Three contacts for switching a three-stage fan. Two contacts for activating the heating and cooling valves. Supports 24V and 230V valves. With two binary inputs for connecting dew-point and condensation contacts. 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. Bus voltage: 24 V Inputs: 2 Polling voltage: 10 V- Outputs: 3 Normally Open contact, potential free Suitable for: AC3 (Output voltage: 230 V~) Rated current: 6 A Protection class (device): IP20 Temperature range (device): -5 °C to 45 °C. Dimensions: (L x W x D): 90 mm x 108 mm x 64.5 mm. Module width (DIN-rail): 6 MW.</p>	FCA-M-2.3.1	2CDG510010R0011	1

Sky Niessen - KNX - Building automation

Push-button coupler




Product	Article-No.	Order-No.	Pack/Qty
	KNX Push-button coupler - 1/2-gang For contacting conventional 1-gang rocker switches. With middle position. The bus can be connected via enclosed terminal block. To be installed with 8501 rockers.		
	6108/01-509	2CKA006133A0214	1
	KNX Push-button coupler - 2/4-gang For contacting conventional 2-gang rocker switches. With middle position. The bus can be connected via enclosed terminal block. To be installed with 8511 rockers.		
	6108/02-509	2CKA006133A0215	1




Rockers

Color	Article-No.	Order-No.	Pack/Qty	
	Rocker for switch, 1-gang Rocker for 6108/01-509 KNX Push-button coupler.			
	Soft White	8501 BL	2CLA850100A1101	20
	Silver	8501 PL	2CLA850100A1301	20
	Soft Black	8501 NS	2CLA850100A1501	20
	Stainless Steel	8501 AI	2CLA850100A1401	20
	Antique Gold	8501 OE	2CLA850100A1201	20
	White Glass	8501 CB	2CLA850100A2101	10
	Black Glass	8501 CN	2CLA850100A2501	10
	Rocker for switch/push-button, 2-gangs Rocker for 6108/02-509 KNX Push-button coupler.			
	Soft White	8511 BL	2CLA851100A1101	20
	Silver	8511 PL	2CLA851100A1301	20
	Soft Black	8511 NS	2CLA851100A1501	20
	Stainless Steel	8511 AI	2CLA851100A1401	20
	Antique Gold	8511 OE	2CLA851100A1201	20
	White Glass	8511 CB	2CLA851100A2101	10
	Black Glass	8511 CN	2CLA851100A2501	10

Sky Niessen - KNX - Building automation


Sensor


Product	Article-No.	Order-No.	Pack/Qty
 <p>KNX Push-button coupler - 2-gang with bus coupler With integrated temperature sensor. 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. With middle position. The bus can be connected via enclosed terminal block. Control element: switch contacts top/bottom. Display elements: 2 LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light. Connections: KNX-line - bus connection terminal. Rated voltage: 24 V-, +5 V / -5 V. Temperature range device: -5 °C to 45 °C. To be installed with SR-1-85, SRL-1-85, SRD-1-85, SRB-1-85 and SRS-1-85 cover plates.</p>	6108/06-500	2CKA006133A0221	1
 <p>KNX Push-button coupler - 4-gang with bus coupler With integrated temperature sensor. 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. With middle position. The bus can be connected via enclosed terminal block. Control element: switch contacts top/bottom. Display elements: 2 LED per rocker via separate communication object for status (Red/ Green/ OFF) or orientation light. Connections: KNX-line - bus connection terminal. Rated voltage: 24 V-, +5 V / -5 V. Temperature range device: -5 °C to 45 °C. 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.</p>	6108/07-500	2CKA006133A0223	1
 <p>KNX Room thermostat with display Control element with room thermostat function for triggering the heating, ventilation and fan-coil 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. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Control element: switch contacts. Display elements: LCD showing operation mode and temperature. Connections: KNX-line - bus connection terminal. Rated voltage / current: 24 V- / 5 mA. Temperature range device: -5 °C to 45 °C. To be installed with CP-RTC-85 cover plates for RTC or CP-RTC-FC-85 cover plates for fan coil control.</p>	6108/18-500	2CKA006134A0319	1


Product	Article-No.	Order-No.	Pack/Qty
 <p>KNX RTC with 5-gang universal input Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators. With universal input with: - max. of 5 binary inputs. - 4 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V - 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. With display of set-value temperature. Master/slave configuration. With base-load operation. The bus can be connected via enclosed terminal block. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0%. Control element: switch contacts. Display elements: LCD showing operation mode and temperature. Connections: KNX-line - bus connection terminal. Rated voltage / current: 24 V- / 5 mA. Inputs: 5. Polling voltage: binary inputs, presence and/or window contact. Control/Signal outputs: 1, 0-10 V (passive). Temperature range device: -5 °C to 45 °C. To be installed with CP-CO-85 cover plates.</p>	6109/18-500	2CKA006134A0315	1
 <p>KNX RTC with CO₂/moisture sensor Control element with room temperature controller function and CO₂/moisture/air pressure sensor. For activating heating, ventilation and fan coil actuators. With universal input with: - max. of 5 binary inputs. - 4 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V. - 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. With display of set-value temperature. Master/slave configuration. With base-load operation. The bus can be connected via enclosed terminal block. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0%. Control element: switch contacts. Display elements: LCD showing operation mode and temperature. Connections: KNX-line - bus connection terminal. Rated voltage / current: 24 V- / 5 mA. Inputs: 5. Polling voltage: binary inputs, presence and/or window contact. Control/Signal outputs: 1, 0-10 V (passive). Temperature range device: -5 °C to 45 °C.</p>	6109/28-500	2CKA006134A0317	1
 <p>KNX 180° motion sensor Movement detector with up to 4 channels. Detection range: frontal: 6 m, lateral: 6 m. Brightness limit value: 5 lux - 150 lux. Detection angle: 180°. Position for installation: vertical. Mounting height: 1.1 m. Temperature range (device): -5 °C to 45 °C. To be installed with CP-MD-85 cover plates (mounting grid without claws included).</p>	6122/98-509	2CKA006132A0307	1


Sky Niessen - KNX - Building automation


Cover plates


Color	Article-No.	Order-No.	Pack/Qty
 Cover plate - KNX 1-gang sensors Cover plate for KNX 1-gang sensors code: 6108/06-500. Without symbol.			
Soft White	SR-1-85 BL	2CLA852620A1101	1
Silver	SR-1-85 PL	2CLA852620A1301	1
Soft Black	SR-1-85 NS	2CLA852620A1501	1
Stainless Steel	SR-1-85 AI	2CLA852620A1401	1
Antique Gold	SR-1-85 OE	2CLA852620A1201	1


 Cover plate - KNX 1-gang sensors - Switch Cover plate for KNX 1-gang sensors code: 6108/06-500. With Light symbol.			
Soft White	SRL-1-85 BL	2CLA852626A1101	1
Silver	SRL-1-85 PL	2CLA852626A1301	1
Soft Black	SRL-1-85 NS	2CLA852626A1501	1
Stainless Steel	SRL-1-85 AI	2CLA852626A1401	1
Antique Gold	SRL-1-85 OE	2CLA852626A1201	1


 Cover plate - KNX 1-gang sensors - Dimmer Cover plate for KNX 1-gang sensors code: 6108/06-500. With Dimming symbol.			
Soft White	SRD-1-85 BL	2CLA852625A1101	1
Silver	SRD-1-85 PL	2CLA852625A1301	1
Soft Black	SRD-1-85 NS	2CLA852625A1501	1
Stainless Steel	SRD-1-85 AI	2CLA852625A1401	1
Antique Gold	SRD-1-85 OE	2CLA852625A1201	1


 Cover plate - KNX 1-gang sensors - Blind Cover plate for KNX 1-gang sensors code: 6108/06-500. With Blind symbol.			
Soft White	SRB-1-85 BL	2CLA852623A1101	1
Silver	SRB-1-85 PL	2CLA852623A1301	1
Soft Black	SRB-1-85 NS	2CLA852623A1501	1
Stainless Steel	SRB-1-85 AI	2CLA852623A1401	1
Antique Gold	SRB-1-85 OE	2CLA852623A1201	1

 Cover plate - KNX 1-gang sensors - Scene Cover plate for KNX 1-gang sensors code: 6108/06-500. With Scene symbol.			
Soft White	SRS-1-85 BL	2CLA852627A1101	1
Silver	SRS-1-85 PL	2CLA852627A1301	1
Soft Black	SRS-1-85 NS	2CLA852627A1501	1
Stainless Steel	SRS-1-85 AI	2CLA852627A1401	1
Antique Gold	SRS-1-85 OE	2CLA852627A1201	1

Color	Article-No.	Order-No.	Pack/Qty
 Cover plate - KNX 2-gang sensors 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. Without symbol. Suitable for both gangs.			
Soft White	SR-2-85 BL	2CLA852640A1101	1
Silver	SR-2-85 PL	2CLA852640A1301	1
Soft Black	SR-2-85 NS	2CLA852640A1501	1
Stainless Steel	SR-2-85 AI	2CLA852640A1401	1
Antique Gold	SR-2-85 OE	2CLA852640A1201	1


 Cover plate - KNX 2-gang sensors - Switch - Left Cover plate for KNX 2-gang sensors code: 6108/07-500. With Light symbol. Suitable for the left gang.			
Soft White	SRL-2-L-85 BL	2CLA852642A1101	1
Silver	SRL-2-L-85 PL	2CLA852642A1301	1
Soft Black	SRL-2-L-85 NS	2CLA852642A1501	1
Stainless Steel	SRL-2-L-85 AI	2CLA852642A1401	1
Antique Gold	SRL-2-L-85 OE	2CLA852642A1201	1


 Cover plate - KNX 2-gang sensors - Switch - Right Cover plate for KNX 2-gang sensors code: 6108/07-500. With Light symbol. Suitable for the right gang.			
Soft White	SRL-2-R-85 BL	2CLA852648A1101	1
Silver	SRL-2-R-85 PL	2CLA852648A1301	1
Soft Black	SRL-2-R-85 NS	2CLA852648A1501	1
Stainless Steel	SRL-2-R-85 AI	2CLA852648A1401	1
Antique Gold	SRL-2-R-85 OE	2CLA852648A1201	1


 Cover plate - KNX 2-gang sensors - Dimmer - Left Cover plate for KNX 2-gang sensors code: 6108/07-500. With Dimming symbol. Suitable for the left gang.			
Soft White	SRD-2-L-85 BL	2CLA852641A1101	1
Silver	SRD-2-L-85 PL	2CLA852641A1301	1
Soft Black	SRD-2-L-85 NS	2CLA852641A1501	1
Stainless Steel	SRD-2-L-85 AI	2CLA852641A1401	1
Antique Gold	SRD-2-L-85 OE	2CLA852641A1201	1


Sky Niessen - KNX - Building automation


Cover plates


Color	Article-No.	Order-No.	Pack/Qty
 Cover plate - KNX 2-gang sensors - Dimmer - Right Cover plate for KNX 2-gang sensors code: 6108/07-500. With Dimming symbol. Suitable for the right gang.			
Soft White	SRD-2-R-85 BL	2CLA852640A2101	1
Silver	SRD-2-R-85 PL	2CLA852640A2301	1
Soft Black	SRD-2-R-85 NS	2CLA852640A2501	1
Stainless Steel	SRD-2-R-85 AI	2CLA852640A2401	1
Antique Gold	SRD-2-R-85 OE	2CLA852640A2201	1


 Cover plate - KNX 2-gang sensors - Blind Cover plate for KNX 2-gang sensors code: 6108/07-500. With Blind symbol. Suitable for both gangs.			
Soft White	SRB-2-85 BL	2CLA852643A1101	1
Silver	SRB-2-85 PL	2CLA852643A1301	1
Soft Black	SRB-2-85 NS	2CLA852643A1501	1
Stainless Steel	SRB-2-85 AI	2CLA852643A1401	1
Antique Gold	SRB-2-85 OE	2CLA852643A1201	1


 Cover plate - KNX 2-gang sensors - Scene - Left Cover plate for KNX 2-gang sensors code: 6108/07-500. With Scene symbol. Suitable for the left gang.			
Soft White	SRS-2-L-85 BL	2CLA852644A1101	1
Silver	SRS-2-L-85 PL	2CLA852644A1301	1
Soft Black	SRS-2-L-85 NS	2CLA852644A1501	1
Stainless Steel	SRS-2-L-85 AI	2CLA852644A1401	1
Antique Gold	SRS-2-L-85 OE	2CLA852644A1201	1

 Cover plate - KNX 2-gang sensors - Scene - Right Cover plate for KNX 2-gang sensors code: 6108/07-500. With Scene symbol. Suitable for the right gang.			
Soft White	SRS-2-R-85 BL	2CLA852647A1101	1
Silver	SRS-2-R-85 PL	2CLA852647A1301	1
Soft Black	SRS-2-R-85 NS	2CLA852647A1501	1
Stainless Steel	SRS-2-R-85 AI	2CLA852647A1401	1
Antique Gold	SRS-2-R-85 OE	2CLA852647A1201	1

Color	Article-No.	Order-No.	Pack/Qty
 Cover plate - KNX RTC Cover plate with RTC symbols for KNX room temperature controller code: 6108/18-500.			
Soft White	CP-RTC-85 BL	2CLA854060A1101	1
Silver	CP-RTC-85 PL	2CLA854060A1301	1
Soft Black	CP-RTC-85 NS	2CLA854060A1501	1
Stainless Steel	CP-RTC-85 AI	2CLA854060A1401	1
Antique Gold	CP-RTC-85 OE	2CLA854060A1201	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	CP-RTC-FC-85 BL	2CLA855420A1101	1
Silver	CP-RTC-FC-85 PL	2CLA855420A1301	1
Soft Black	CP-RTC-FC-85 NS	2CLA855420A1501	1
Stainless Steel	CP-RTC-FC-85 AI	2CLA855420A1401	1
Antique Gold	CP-RTC-FC-85 OE	2CLA855420A1201	1

 Cover plate - KNX RTC with CO2/moisture sensor Cover plate for KNX 5-gang RTC and CO2/moisture RTC sensor code: 6109/18-500 and 6109/28-500.			
Soft White	CP-CO-85 BL	2CLA855430A1101	1
Silver	CP-CO-85 PL	2CLA855430A1301	1
Soft Black	CP-CO-85 NS	2CLA855430A1501	1
Stainless Steel	CP-CO-85 AI	2CLA855430A1401	1
Antique Gold	CP-CO-85 OE	2CLA855430A1201	1


 Cover plate - KNX motion sensor Cover plate for KNX motion sensors code: 6122/98-509.			
Soft White	CP-MD-85 BL	2CLA854160A1101	1
Silver	CP-MD-85 PL	2CLA854160A1301	1
Soft Black	CP-MD-85 NS	2CLA854160A1501	1
Stainless Steel	CP-MD-85 AI	2CLA854160A1401	1
Antique Gold	CP-MD-85 OE	2CLA854160A1201	1

Sky Niessen - Frames


Soft White

Product	Article-No.	Order-No.	Pack/Qty
	Frames 1 to 5-gang - Soft White		
	Size (height x width):		
	- 1-gang: 86 x 86 mm.		
	- 2-gang: 86 x 157 mm.		
	- 3-gang: 86 x 228 mm.		
	- 4-gang: 86 x 299 mm.		
	- 5-gang: 86 x 370 mm.		
	Flush mounting boxes code: 1099, 1999 & 1999.2.		
	Surface mounting boxes code: 8591, 8592 & 8593.		
1-gang	8571 BL	2CLA857100A1101	20
2-gang	8572 BL	2CLA857200A1101	20
3-gang	8573 BL	2CLA857300A1101	10
4-gang	8574 BL	2CLA857400A1101	5
5-gang	8575 BL	2CLA857500A1101	5


Silver

Product	Article-No.	Order-No.	Pack/Qty
	Frames 1 to 5-gang - Silver		
	Size (height x width):		
	- 1-gang: 86 x 86 mm.		
	- 2-gang: 86 x 157 mm.		
	- 3-gang: 86 x 228 mm.		
	- 4-gang: 86 x 299 mm.		
	- 5-gang: 86 x 370 mm.		
	Flush mounting boxes code: 1099, 1999 & 1999.2.		
	Surface mounting boxes code: 8591, 8592 & 8593.		
1-gang	8571 PL	2CLA857100A1301	20
2-gang	8572 PL	2CLA857200A1301	20
3-gang	8573 PL	2CLA857300A1301	10
4-gang	8574 PL	2CLA857400A1301	5

Soft White - Basic


Product	Article-No.	Order-No.	Pack/Qty
	Frames 1 to 4-gang - Basic - Soft White		
	Size (height x width):		
	- 1-gang: 86 x 86 mm.		
	- 2-gang: 86 x 157 mm.		
	- 3-gang: 86 x 228 mm.		
	- 4-gang: 86 x 299 mm.		
	Flush mounting boxes code: 1099, 1999 & 1999.2.		
	Surface mounting boxes code: 8591, 8592 & 8593.		
1-gang	8571.1 BL	2CLA857110A1101	20
2-gang	8572.1 BL	2CLA857210A1101	20
3-gang	8573.1 BL	2CLA857310A1101	10
4-gang	8574.1 BL	2CLA857410A1101	5

Soft Black


Product	Article-No.	Order-No.	Pack/Qty
	Frames 1 to 5-gang - Soft Black		
	Size (height x width):		
	- 1-gang: 86 x 86 mm.		
	- 2-gang: 86 x 157 mm.		
	- 3-gang: 86 x 228 mm.		
	- 4-gang: 86 x 299 mm.		
	- 5-gang: 86 x 370 mm.		
	Flush mounting boxes code: 1099, 1999 & 1999.2.		
	Surface mounting boxes code: 8591, 8592 & 8593.		
1-gang	8571 NS	2CLA857100A1501	20
2-gang	8572 NS	2CLA857200A1501	20
3-gang	8573 NS	2CLA857300A1501	10
4-gang	8574 NS	2CLA857400A1501	5

Sky Niessen - Frames


Stainless Steel

Product	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - Stainless Steel Material: anti-fingerprint stainless steel. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. - 4-gang: 86 x 299 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.			
	1-gang	8571 AI	2CLA857100A1401 10
	2-gang	8572 AI	2CLA857200A1401 10
	3-gang	8573 AI	2CLA857300A1401 10
	4-gang	8574 AI	2CLA857400A1401 5

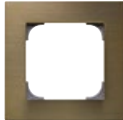
Ash

Product	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - Ash Material: wood. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. - 4-gang: 86 x 299 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.			
	1-gang	8571 FR	2CLA857100A2001 1
	2-gang	8572 FR	2CLA857200A2001 1
	3-gang	8573 FR	2CLA857300A2001 1
	4-gang	8574 FR	2CLA857400A2001 1


White Glass

Product	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - White Glass Material: glass. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. - 4-gang: 86 x 299 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.			
	1-gang	8571 CB	2CLA857100A3001 1
	2-gang	8572 CB	2CLA857200A3001 1
	3-gang	8573 CB	2CLA857300A3001 1
	4-gang	8574 CB	2CLA857400A3001 1


Antique Gold

Product	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - Antique Gold Material: stainless steel. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. - 4-gang: 86 x 299 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.			
	1-gang	8571 OE	2CLA857100A1201 10
	2-gang	8572 OE	2CLA857200A1201 10
	3-gang	8573 OE	2CLA857300A1201 10
	4-gang	8574 OE	2CLA857400A1201 5

Natural Wenge




Product	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - Natural Wengué Material: wood. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. - 4-gang: 86 x 299 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.			
	1-gang	8571 WN	2CLA857100A2101 1
	2-gang	8572 WN	2CLA857200A2101 1
	3-gang	8573 WN	2CLA857300A2101 1
	4-gang	8574 WN	2CLA857400A2101 1

Black Glass




Product	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - Black Glass Material: glass. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. - 4-gang: 86 x 299 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.			
	1-gang	8571 CN	2CLA857100A3101 1
	2-gang	8572 CN	2CLA857200A3101 1
	3-gang	8573 CN	2CLA857300A3101 1
	4-gang	8574 CN	2CLA857400A3101 1

Sky Niessen - Installation solutions

Surface mounting boxes

Product	Article-No.	Order-No.	Pack/Qty
	Surface mounting box 1-gang Size (height x width x depth): 86 x 86 x 43 mm.		
	White	8591 BL	2CLA859100A1101 6
	Surface mounting box 2-gang Size (height x width x depth): 86 x 157 x 43 mm.		
	White	8592 BL	2CLA859200A1101 5
	Surface mounting box 3-gang Size (height x width x depth): 86 x 228 x 43 mm.		
	White	8593 BL	2CLA859300A1101 1

Flush mounting boxes

Product	Article-No.	Order-No.	Pack/Qty
	Flush mounting box - Bricks and cement Installation box for walls built with bricks or cement. Distance between screws: 60 mm. Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9. Allows the input of 2 tubes per each side. Linkable for multigang frames. 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.		
	1099	2CLA009900A1001	50
	Flush mounting box - Drywall and partitions Installation box for walls built with drywall or partitions. Distance between screws: 60 mm. Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9. Linkable for multigang frames. Included: 2 screws to fix the mounting plate. Shaft diameter: 68 mm.		
	999	2CLA099909A1001	25
	Flush mounting box - Drywall and partitions Double box suitable for 2-gang mounting plates. Installation box for walls built with drywall or partitions. Distance between screws: 60 mm Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9. Included: 4 screws to fix the mounting plate. Shaft diameter: 68 mm. Distance between centers: 71 mm.		
	999.2	2CLA099920A1001	10

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



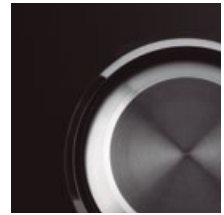
Machined metal switch
Also the covers of the functions



Display
Lighting in white



Chromed outlet cover
Available in stainless steel and black finishes



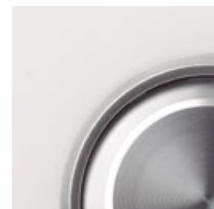
Perfect integration between switch and frame.
Acting as a single assembly

100% noble materials
Available in stainless steel and glass finishes



Eco-design

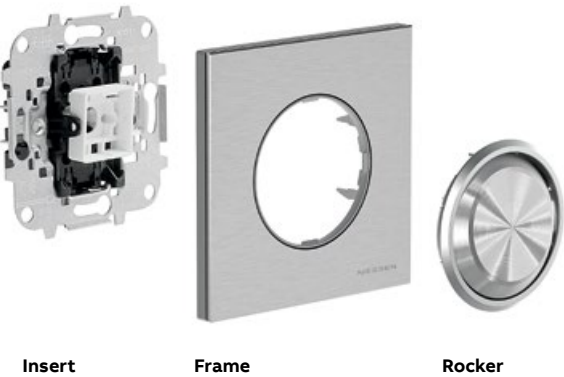
The Sky Niessen switch range has been designed following the Product Design and Development Environmental Management regulations: Eco-design.



Skymoon line

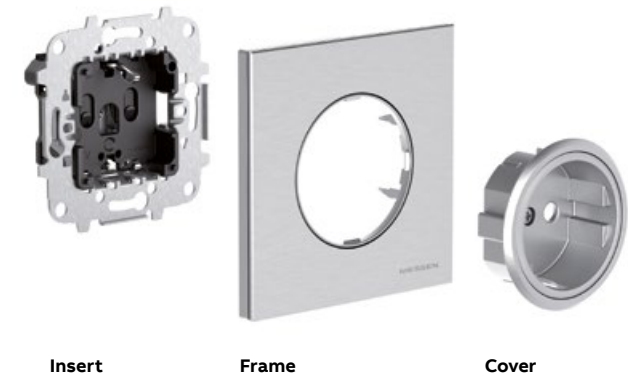
Skymoon is the ultimate expression of design, with unique class and subtlety. Its innovative design presents technical solutions never seen before. Elegant materials, machined metallic keys, 6mm high with respect to the wall... With the Skymoon line you will achieve that distinctive touch that makes 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



Characteristics
• 250 V~
• 10 AX / 16 AX
• IP21
• CE Compliance Declaration pursuant to: <ul style="list-style-type: none">- 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: <ul style="list-style-type: none">- UNE-EN 60669-1- UNE-EN 60669-1/A1- UNE-EN 60669-1/A2


Socket composition




Characteristics
• 250 V~
• 16 A
• IP21
• Compliant with standards: <ul style="list-style-type: none">- European Directive RoHS 2011/65/EU- IEC 60884-1- UNE-EN 20315- UNE 20324-REBT-BT27 - IP21
• AENOR certified product pursuant to: <ul style="list-style-type: none">- UNE 20315-1-1


Sky Niessen

1-way switches


Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8601, & 8601.3.		
	8101	2CLA810100A1001	10

2-way switches


Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 2-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8601 & 8601.3.		
	8102	2CLA810200A1001	10


	Switch 1-gang, 2-way, single pole 16A Rated voltage: 110 - 250 Vac. Rated current: 16 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8601 & 8601.3.		
	8102.1	2CLA810210A1001	10

Intermediate switches

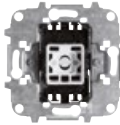
Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, intermediate, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8601 & 8601.3.		
	8110	2CLA811000A1001	10

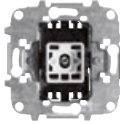
Switches with indicator lamp

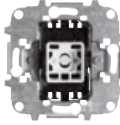
Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. 3 wire connection (neutral conductor required). Included: indicator LED lamp 6192 BL (230 Vac). Rocker code: 8601.3.		
	8101.5	2CLA810150A1001	10

	Switch 1-gang, 2-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. 4 wire connection (neutral conductor required). Indicator: indicator LED lamp 6192 BL (230 Vac). Rocker code: 8601.3.		
	8102.5	2CLA810250A1001	10


Push-buttons


Product	Article-No.	Order-No.	Pack/Qty
	Push-button 1-gang, single pole, NO Rated voltage: 110 - 250 Vac. Rated current: 10 AX. NO: Normally Open. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8601 & 8601.3.		
	8104	2CLA810400A1001	10

	Push-button 1-gang, SP, NO w/ locator lamp Rated voltage: 110 - 250 Vac. Rated current: 10 AX. NO: Normally Open. Screwless terminals. Included: fixing claws. 3 wire connection (neutral conductor required). Included: locator LED lamp 6192 BL (230 Vac). Rocker code: 8601.3.		
	8104.5	2CLA810450A1001	10


	Push-button 1-gang, single pole, NC Rated voltage: 110 - 250 Vac. Rated current: 10AX. NC: normally closed. Screwless terminals. Included: fixing claws. Optional: locator LED lamp 6192 BL (230 Vac). Rocker code: 8601 & 8601.3.		
	8104.9	2CLA810490A1001	5

Rockers for switches and push-buttons

Product	Article-No.	Order-No.	Pack/Qty
	Rocker for switch, 1-gang Rocker for switches code: 8101, 8102, 8102.1 & 8110.		
Chrome	8601 CR	2CLA860100A1401	5
Black Glass	8601 CN	2CLA860100A1501	5






	Rocker for switch, 1-gang Rocker for switches code: 8101, 8102, 8102.1 & 8110.		
Chrome	8601.3 CR	2CLA860130A1401	5
Black Glass	8601.3 CN	2CLA860130A1501	5

Indicator / locator LED lamp



Product	Article-No.	Order-No.	Pack/Qty
	Indicator/locator LED lamp 230Vac For 81XX inserts. Lamp: white LED. Long life cycle. Two functions: indicator or locator light. Power consumption: 0,2 mA. Especially recommended for LED and energy saving lamps.		
Soft White	6192 BL	2CLA819202A1001	10

Sky Niessen





2-gang switches & push-buttons

Product	Article-No.	Order-No.	Pack/Qty
	Switch 2-gangs, 1-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8611.		
	8111	2CLA811100A1001	10
	Switch 2-gangs, 2-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8611.		
	8122	2CLA812200A1001	10
	Push-button 2-gangs, single pole, NO Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Without interlock. Included: fixing claws. Rocker code: 8611.		
	8144.2	2CLA814420A1001	10
	Switch 2-way + push-button 1-way NO, SP Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screwless terminals. Included: fixing claws. Rocker code: 8611.		
	8142	2CLA814200A1001	10
	Rocker for switch/push-button, 2-gangs Rocker for switch/push-buttons code: 8111, 8122, 8144.2 & 8142.		
Chrome	8611 CR	2CLA861100A1401	5
Black Glass	8611 CN	2CLA861100A1501	5

Pullcord switches



Product	Article-No.	Order-No.	Pack/Qty
	Pullcord switch 1-gang, 1-way, single pole Rated voltage: 110 - 250 Vac. Rated current: 16 A. Screwless terminals. Included: fixing claws. Cord length: 2 meters. Cover plate code: 8607.		
	8148	2CLA814800A1001	5
	Cover for pull cord switch Cover plate for pullcord switch code: 8148.		
Chrome	8607 CR	2CLA860700A1401	5
Black Glass	8607 CN	2CLA860700A1501	5

Blind controls

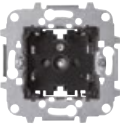

Product	Article-No.	Order-No.	Pack/Qty
	Push-button blind control 2-gangs Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Direct control. Interlocked gangs. Included: fixing claws. Rocker code: 8644.		
	8144	2CLA814400A1001	10
	Switch blind control 2-gangs Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Direct control. Interlocked gangs. Included: fixing claws. Rocker code: 8644.		
	8144.1	2CLA814410A1001	10
	Rocker for blind switch/push-button Rocker for blind switch/push-button code: 8144 & 8144.1.		
Chrome	8644 CR	2CLA864400A1401	5
Black Glass	8644 CN	2CLA864400A1501	5
	Electronic blind control 1-gang Rated voltage: 110 - 250 Vac ; 50 / 60 Hz. Rated current: 700VA@230Vac / 350VA@127Vac. Direct control. Functions: - PERS: standard blinds control. Optionally other 8144 inserts can be connected to the 8630.3 to control the blind from other locations. - LAM: venetian type blinds control. Optionally other 8144 inserts can be connected to the 8630.3 to control the blind from other locations. - Centralization (CEN): one 8630.3 can control all the 8630.3 of a line centrally. Without fixing claws.		
Chrome	8630.3 CR	2CLA863030A1401	1
Black Glass	8630.3 CN	2CLA863030A1501	1

Sky Niessen



Schuko socket outlets

Product	Article-No.	Order-No.	Pack/Qty
 Schuko socket outlet for plain covers Rated voltage: 250 Vac. Rated current: 16 A. Type F: 2P + E. Shuttered for child safety. Screw terminals. Without fixing claws. Cover plate code: 8688.9.	8188.9	2CLA818890A1001	10
 Flat cover plate for Schuko socket outlet Cover plate for Schuko socket outlet code: 8188.9.			
Chrome	8688.9 CR	2CLA868890A1401	5
Black Glass	8688.9 CN	2CLA868890A1501	5

French / earth-pin socket outlets

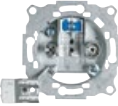


Product	Article-No.	Order-No.	Pack/Qty
 French/Earth-pin socket outlet for plain covers Rated voltage: 250 Vac. Rated current: 16 A. Type E: 2P + E. Shuttered for child safety. Screwless terminals. Included: fixing claws. Cover plate code: 8687.9.	8187.9	2CLA818790A1001	10
 Flat cover plate for French socket outlet Cover plate for Schuko socket outlet code: 8187.9.			
Chrome	8687.9 CR	2CLA868790A1401	5
Black Glass	8687.9 CN	2CLA868790A1501	5



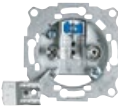

USB chargers

Product	Article-No.	Order-No.	Pack/Qty
 USB charger 1.500mA, 2 outlets Input voltage: 100 - 240 Vac $\pm 10\%$; 50 / 60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 1.500 mA (total for both gangs). Power consumption in stand-by: $\leq 0,3W@230Vac$. Energy efficiency: $\geq 71\%$. Operating temperature: 0 °C to 35 °C. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: 8685.	8185	2CLA818500A1001	1
 Cover plate for USB charger 1,5A Cover plate for USB charger code: 8185.			
Chrome	8685 CR	2CLA868500A1401	5
Black Glass	8685 CN	2CLA868500A1501	5

Sky Niessen

TV outlets






Product	Article-No.	Order-No.	Pack/Qty
 TV / R terminal outlet TV and R double outlet - Final. Without filter. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 862 MHz / 5 - 862 MHz / 5 - 862 MHz. Basic loss (FM / DAB / VHF / UHF): 10,0±0,7 dB / 10,0 ±1,5 dB / 4,0±1,5 dB / 3,0±0,5 dB. Isolation (FM / TV): >14 / >14. Return loss (FM / TV): >18 / >10. Included: fixing claws. Cover plate code: 8650.	8150	2CLA815000A1001	10
 TV / R final outlet - CATV outlet TV and R double outlet - CATV outlet - Final. With filter. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm. diam. / IEC female 9,52mm. diam. Frequency range (C1 / C2): 5 - 68 & 118 - 1.000 MHz / 87,5 - 108 MHz. Basic loss (R / FM / TV): 0,3±0,1 dB / 1,1 ±0,3 dB / 0,9±0,3 dB. Isolation (FM / TV): >18 / >16. Selectivity (FM / TV): >10 / >18. Return loss (R / FM / TV): >18 / >16 / >18. Chroma-luminance delay (ns): <10. Included: fixing claws. Cover plate code: 8650.	8150.3	2CLA815030A1001	10
 TV / R loop-through outlet TV and R double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor. Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz. Basic loss (FM / DAB / VHF / UHF): 25±1,5 dB / 25 ±1,5 dB / 8,0±0,7 dB / 8,0±0,7 dB. Through loss (FM / VHF / UHF): 2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB. Directivity (FM / TV): >12 dB / >9 dB. Isolation (FM / TV): >16 / >15. Return loss (FM / TV): >12 / >12. Included: fixing claws. Cover plate code: 8650.	8150.7	2CLA815070A1001	10





Product	Article-No.	Order-No.	Pack/Qty
 TV-R/SAT terminal outlet TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm. diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz. Basic loss (FM / TV / SAT): 0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB. Isolation (FM / TV / SAT): >45 / >14 / >14. Selectivity (TV-R / SAT): >15 / >15. Return loss (VR / FM / TV / SAT): >25 / >25 / >14 / >10. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. Included: fixing claws. Cover plate code: 8650.	8151.3	2CLA815130A1001	10
 TV-R/SAT final outlet TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a series with loop-through outlets. Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm. diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB. Isolation (FM / TV / SAT): >20 / >20 / >14. Return loss (VR / FM / TV / SAT): >16 / >16 / >16 / >9. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. Included: fixing claws. Cover plate code: 8650.	8151.7	2CLA815170A1001	10
 TV-R/SAT loop-through outlet TV-R and SAT double outlet - Intermediate Installation as an intermediate outlet in series connected to each other. Output connectors (C1 / C2): IEC male 9,52mm. diam. / IEC female 9,52mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB. Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0. Directivity (FM / TV / SAT): >20 / >12 / >5. Isolation (FM / TV / SAT): >45 / >30 / >28. Return loss (VR / FM / TV / SAT): >13 / >13 / >12 / >12. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. Included: fixing claws. Cover plate code: 8650.	8151.8	2CLA815180A1001	10
 Cover plate for TV-R/SAT outlet Cover plate for TV outlet code: 8150, 8150.3, 8150.7, 8151.3, 8150.7 & 8150.8.			

Chrome	8650 CR	2CLA865000A1401	20
Black Glass	8650 CN	2CLA865000A1501	20

Sky Niessen


Telephone & data outlets


Product	Article-No.	Order-No.	Pack/Qty
	Telephone outlet RJ12 RJ12 type connector. 6 contacts. Suitable for 2 (6P2C), 4 (6P4C) or 6 (6P6C) RJ11 and RJ12 jacks. Screw terminals. Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.		
	2017.2	2CLA201720A1001	10
	Telephone outlet RJ45 Cat.3 RJ45 type connector. Cat.3. 8 contacts. Suitable for 8 (8P8C) RJ45 jacks. Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.		
	2017.3	2CLA201730A1001	10
	Data outlet RJ45 Cat.5e UTP RJ45 type connector. Cat.5e UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.		
	2018.5	2CLA201850A1001	10
	Data outlet RJ45 Cat.6 UTP RJ45 type connector. Cat.6 UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.		
	2018.6	2CLA201860A1001	10
	Data outlet RJ45 Cat.6A STP RJ45 type connector. Cat.6A STP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B Labeling. 10 Gb/sec. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). Housing: Zinc Die-casting design for optimal EMI protection. Slim size is ideal for interfaces where the spaces are tight. IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.		
	2018.7	2CLA201870A1001	10


Product	Article-No.	Order-No.	Pack/Qty
	Housing for data outlets - Keystone type Housing for connectors with Keystone type clipping system. Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.		
	2018	2CLA201800A1001	10
	Housing for data outlets - Systimax type Housing for connectors with Systimax type clipping system. Mounting grid delivered with the cover plate. Cover plate code: 8618.1 & 8618.2.		
	2018.8	2CLA201880A1001	10
	Cover plate for data outlet 1-gang Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8. Included: mounting grid without claws. Without shutters and labeling area.		
Chrome	8618.1 CR	2CLA861810A1401	2
Black Glass	8618.1 CN	2CLA861810A1501	2
	Cover plate for data outlet 2-gangs Cover plate for data outlets code: 2017.2, 2017.3, 2018, 2018.5, 2018.6 & 2018.8. Included: mounting grid without claws. Without shutters and labeling area.		
Chrome	8618.2 CR	2CLA861820A1401	2
Black Glass	8618.2 CN	2CLA861820A1501	2

Sky Niessen

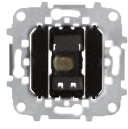

Light controls - Rotatory dimmers


Product	Article-No.	Order-No.	Pack/Qty
	Universal rotatory/push dimmer Rated voltage: 230 Vac / 50 Hz. Min. power: 60 W / VA. Max. power: - Incandescent: 500 W. - Halogen lamp with electronic transformer: 500 VA. - Halogen lamp with ferromagnetic transformer: 400 VA. 2 wire connection. Optional: auxiliary control with 8104.X push-buttons. Indicator LED lamp included. Operating temperature: 0 - 30° C. Included: - Cover plate with chrome ring. - Mounting grid without claws.		
	Chrome	8660 CR	2CLA866000A1401 1
	Black Glass	8660 CN	2CLA866000A1501 1

	LED rotatory/push dimmer Rated voltage: 230 Vac ± 10%. Frequency: 50 Hz (Nominal power: 250 W/VA) / 60 Hz (Nominal power: 200 W/VA). Power (min./max load): - LEDi: 2 / 100 W/VA (max. 10 lamps). - Dimmable energy saving lamps: 2 / 100 W/VA (max. 10 lamps). - LV LEDi with transformer (only type L or LC): 4 / 100 W / VA (max. 10 lamps). - Incandescent lamps: 10 / 250 W / VA. - Halogen lamps: 10 / 250 W / VA. - LV halogen with transformer (only type L or LC): 10 / 250 W/VA (max. 10 lamps). 2 wire connection. Optional: auxiliary on/off with 2-way switch 8102. Indicator LED lamp included. Back-up fuse: Electronic. Overload protection: Electronic. Ambient temperature: 0° C to +35° C. Included: - Cover plate with chrome ring. - Mounting grid without claws.		
	Chrome	8660.2 CR	2CLA866020A1401 1
	Black Glass	8660.2 CN	2CLA866020A1501 1




	1-10V rotatory dimmer Rated voltage: 127 - 230 Vac / 50 - 60 Hz. Dimmable electronic ballast/driver with 1-10V control input. Max. power: - 230 Vac: 700 VA. - 127 Vac: 350 VA. Max. 6 ballasts per device. Indicator LED lamp included. Included: - Cover plate with chrome ring. - Mounting grid without claws.		
	Chrome	8660.9 CR	2CLA866090A1401 1
	Black Glass	8660.9 CN	2CLA866090A1501 1

Buzzer / Door bell

Product	Article-No.	Order-No.	Pack/Qty
	Buzzer Rated voltage: 230 Vac / 50 Hz. Rated power: 8 VA. Adjustable tone. Acoustic power at 1 meter with cover plate: 75 dB. Without fixing claws. Cover plate code: 8629.		
	8119	2CLA811900A1001	10
	Electronic door bell with 4 melodies Rated voltage: 110 - 250 Vac. 4 melodies available. Acoustic power at 1 meter with cover plate: 72 dB. Without fixing claws. Cover plate code: 8629.		
	8124.2	2CLA812420A1001	1


	Cover plate for buzzer/door bell Cover plate for buzzer / door bell code: 8119 & 8124.2.		
	Chrome	8629 CR	2CLA862900A1401 5
	Black Glass	8629 CN	2CLA862900A1501 5

Blank covers / Cable outlets

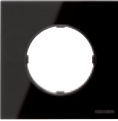
Product	Article-No.	Order-No.	Pack/Qty
	Blank cover plate Included: mounting grid and cover plate. Without fixing claws.		
	Chrome	8600 CR	2CLA860000A1401 2
	Black Glass	8600 CN	2CLA860000A1501 2
	Cable outlet 3 connection screw terminals up to 2,5 mm ² . Cable tie included. Included: fixing claws. Cover plate code: 8607.		
	8107	2CLA810700A1001	10
	Cover plate for cable outlet Cover plate for cable outlet code: 8107.		
	Chrome	8607 CR	2CLA860700A1401 5
	Black Glass	8607 CN	2CLA860700A1501 5

Sky Niessen - Frames


White Glass

Product	Article-No.	Order-No.	Pack/Qty
	Frames 1 to 3-gang - Noble - White Glass Material: glass. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.		
	1-gang	8671 CB	2CLA867100A3001 1
	2-gang	8672 CB	2CLA867200A3001 1
	3-gang	8673 CB	2CLA867300A3001 1

Black Glass

Product	Article-No.	Order-No.	Pack/Qty
	Frames 1 to 3-gang - Noble - Black Glass Material: glass. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.		
	1-gang	8671 CN	2CLA867100A3101 1
	2-gang	8672 CN	2CLA867200A3101 1
	3-gang	8673 CN	2CLA867300A3101 1

Stainless Steel

Product	Article-No.	Order-No.	Pack/Qty
	Frames 1 to 3-gang - Noble - Stainless Steel Material: stainless steel. Size (height x width): - 1-gang: 86 x 86 mm. - 2-gang: 86 x 157 mm. - 3-gang: 86 x 228 mm. Flush mounting boxes code: 1099, 1999 & 1999.2. Surface mounting boxes code: 8591, 8592 & 8593.		
	1-gang	8671 OX	2CLA867100A4001 1
	2-gang	8672 OX	2CLA867200A4001 1
	3-gang	8673 OX	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.

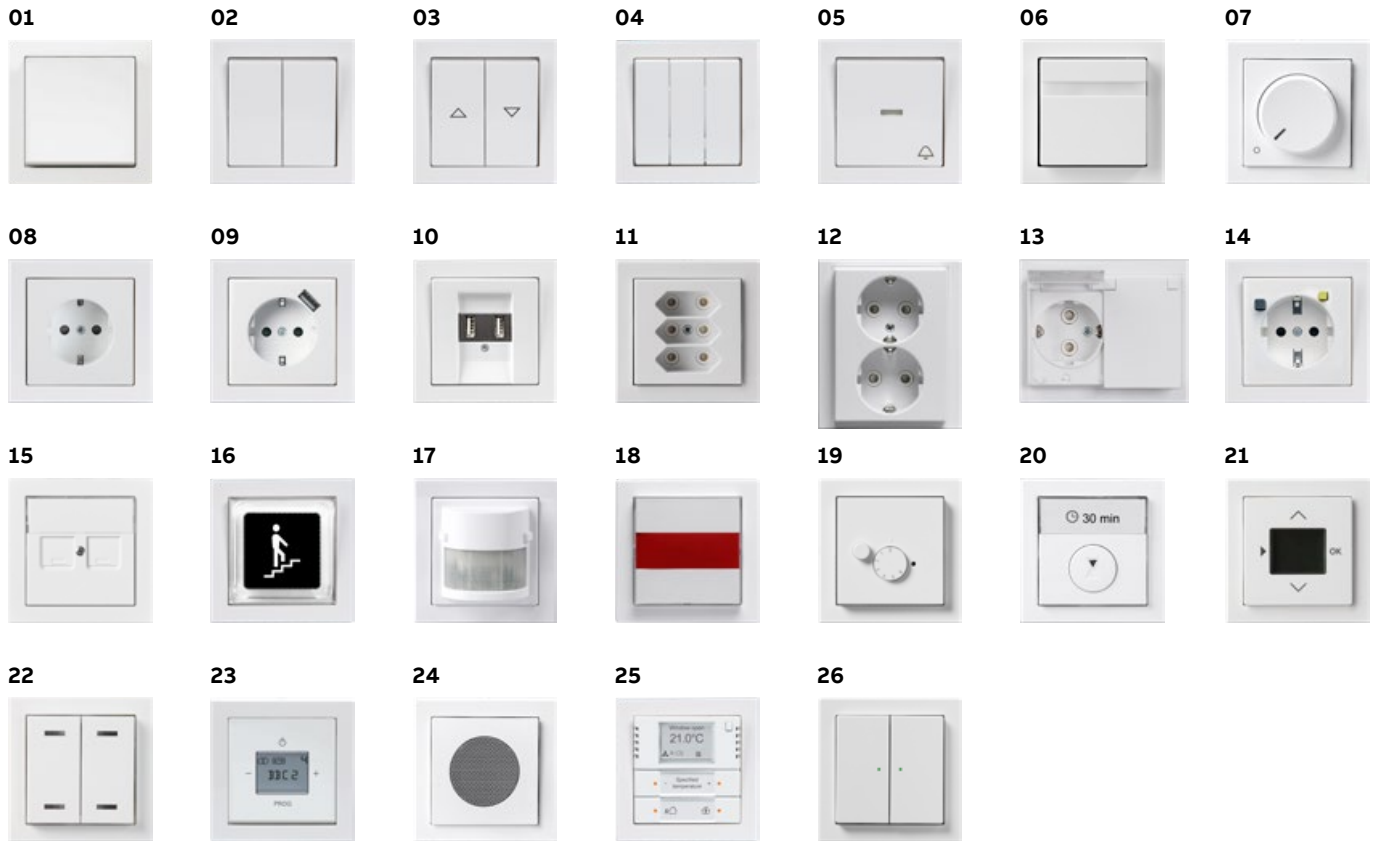


- 01 white
- 02 aluminium
- 03 anthracite

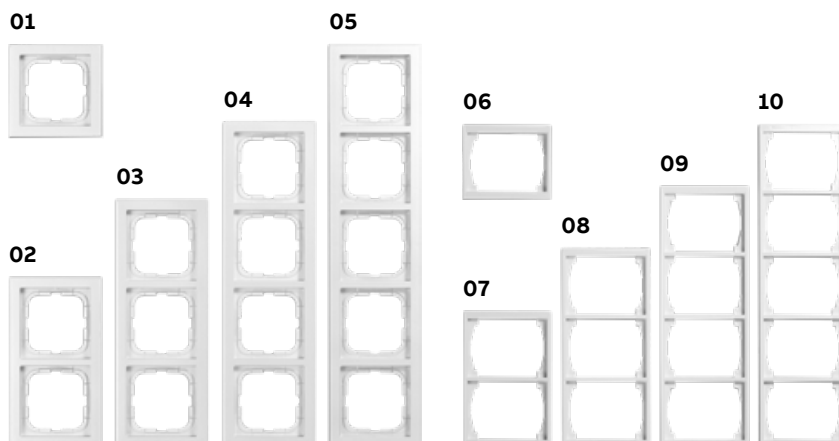
Materials
UV-resistant, free of PVC and halogen.

Impressivo

Selected functions.



- | | | |
|--|---|----------------------------------|
| 01 Rocker switch 1-gang | 10 USB charging station | 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 DigitalRadio |
| 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 | 18 LED signal light | |



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



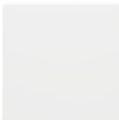

Product	Article-No.	Order-No.	Pack/Qty
 Flush mounting 1-gang switches, IP21 Switches with screwless terminals and rocker with clip-on fastening. The terminals are for max 2 rigid wires. Flush mounting on a smooth surface IP21.			
Includes switch insert and rocker			
white	1-gang 2-way switch, 16AX/250V, 2 X-terminals 1066UC-84	2TKA00000419	1/10
white	1-gang intermediate switch, 16AX/250V, 2 X-terminals 1067UC-84	2TKA00000422	1/10
Modular			
	1-gang 2-way switch insert, 16AX/250V, 2 X-terminals, lamp possibility 1066.21	2TKA000175G1	10/100
	1-gang intermediate switch insert, 16AX/250V, 2 X-terminals, lamp possibility 1067.21	2TKA000201G1	10/100
	Double pole 1-gang 2-way switch insert, 16AX/250V, no X-terminals, lamp possibility 10662.00	2TKA000177G1	10/100
white	Switch rocker, 1-gang 1786-84	2TKA000543G1	1/10
anthracite	Switch rocker, 1-gang 1786-81	2TKA000541G1	1/10
aluminium	Switch rocker, 1-gang 1786-83	2TKA000542G1	1/10
 Flush mounting 1-gang 1-way push switch, IP21 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.			
Includes switch insert and rocker			
white	1-gang 2-way push switch, 16A/250V, 1N terminal 1466UC-84	2TKA00000430	1/10
Modular			
	1-gang 1-way push switch insert 16A/250V, 2 X-terminals, lamp possibility 1461.21	2TKA000227G1	10/100
white	Switch rocker, 1-gang 1786-84	2TKA000543G1	1/10
anthracite	Switch rocker, 1-gang 1786-81	2TKA000541G1	1/10
aluminium	Switch rocker, 1-gang 1786-83	2TKA000542G1	1/10
white	Switch rocker, 1-gang, "light" symbol, lens 1789LI-84	2TKA000569G1	1/10
anthracite	Switch rocker, 1-gang, "light" symbol, lens 1789LI-81	2TKA000567G1	1/10
aluminium	Switch rocker, 1-gang, "light" symbol, lens 1789LI-83	2TKA000568G1	1/10

Product	Article-No.	Order-No.	Pack/Qty
 Flush mounting 2-pole switch, IP21 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.			
Includes switch insert and rocker			
white	2-pole 1-gang 1-way switch, 16AX/250V, 2 X-terminals 1062UC-84	2TKA00000407	1/10
Modular			
	Switch insert, 16AX/250V, 2-pole, 2 X-terminals, lamp possibility 1062.21	2TKA000130G1	10/100
anthracite	Switch rocker, 1-gang, red lens, "1/0" symbol 1788-81	2TKA000549G1	1/10
aluminium	Switch rocker, 1-gang, red lens, "1/0" symbol 1788-83	2TKA000550G1	1/10
 Flush mounting 2-gang switches, IP21 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.			
Includes switch insert and rocker			
white	2-gang 1-way switch, 16AX/250V, 2 X-terminals 1065UC-84	2TKA00000413	1/10
white	2-gang 2-way switch, 16AX/250V, no X-terminals 10666UC-84	2TKA00000416	1/10
Modular			
	2-gang 1-way switch insert, 16AX/250V, 2 X-terminals, no lamp possibility 1065.20	2TKA000158G1	10/100
	2-gang 2-way switch insert, 16AX/250V, no X-terminals, no lamp possibility 10666.00	2TKA000179G1	10/100
white	Switch rocker, 2-gang 1785-84	2TKA000523G1	1/10
anthracite	Switch rocker, 2-gang 1785-81	2TKA000521G1	1/10
aluminium	Switch rocker, 2-gang 1785-83	2TKA000522G1	1/10
 Flush mounting 2-pole + 1-way switch, IP21 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.			
Includes switch insert and rocker			
white	10621UC-84	2TKA00000404	1/10
anthracite	10621UC-81	2TKA00000402	1/10
aluminium	10621UC-83	2TKA00000403	1/10

Impressivo






Rocker switches, push switches



Product	Article-No.	Order-No.	Pack/Qty
	2-gang push switch inserts 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.		
	Modular		
	Push switch insert 10A/250V, for up/down control		
	2020/4U-101	2TKA000640G1	10/100
white	Switch rocker, 2-gang, "up/down" symbol 1785JA-84	2TKA000532G1	1/10
anthracite	Switch rocker, 2-gang, "up/down" symbol 1785JA-81	2TKA000530G1	1/10
aluminium	Switch rocker, 2-gang, "up/down" symbol 1785JA-83	2TKA000531G1	1/10
	Flush mounting 3-gang 1-way switch, IP21 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.		
	Includes switch insert and rocker		
	3-gang 1-way switch, 16AX/250V, no X-terminals		
	10631UC-84	2TKA00000410	1/10
	Modular		
	3-gang 1-way switch insert, 16AX/250V, no X-terminals, no lamp possibility		
	10631.00	2TKA000147G1	10/100
anthracite	Switch rocker, 3-gang 1783-81	2TKA000514G1	1/10
aluminium	Switch rocker, 3-gang 1783-83	2TKA000515G1	1/10
	Flush mounting 1-gang 2-way switch, IP44 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.		
	16AX/250V, no X-terminals.		
	1066UW-84	2TKA000200G1	1/10
	Flush mounting 2-gang 1-way switch, IP44 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.		
	16AX/250V, no X-terminals		
	1065UW-84	2TKA000173G1	1/10

Product	Article-No.	Order-No.	Pack/Qty	
	Card switch 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			
	8114.1	2TKA003950G1	10/100	
	white	Center plate, for card switch 8114.1 1792-84	2TKA000581G1	1/10
	anthracite	Center plate, for card switch 8114.1 1792-81	2TKA000579G1	1/10
aluminium	Center plate, for card switch 8114.1 1792-83	2TKA000580G1	1/10	
	Lamp, 230V/1.5mA, fluorescent, for card switch 8331	2TKA000042G1	10/100	
	Push button panel 4/2-gang, 5-24V ac/dc 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	FAP1204-84	2TKA00000915	1/10
	anthracite	FAP1204-81	2TKA00000913	1/10
	aluminium	FAP1204-83	2TKA00000914	1/10
	1-gang rockers, IP21/IP44 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	1786-84	2TKA000543G1	1/10
	anthracite	1786-81	2TKA000541G1	1/10
	aluminium	1786-83	2TKA000542G1	1/10
	1-gang rockers with name plate, IP21/IP44 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	1764NLI-84	2TKA000492G1	1/10
	anthracite	1764NLI-81	2TKA000490G1	1/10
	aluminium	1764NLI-83	2TKA000491G1	1/10

Impressivo





Rocker switches, push switches

Product	Article-No.	Order-No.	Pack/Qty
 1-gang rockers with red lens, IP21/IP44 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 1789-84	2TKA000559G1	1/10
anthracite	Switch rocker, 1-gang, red lens 1789-81	2TKA000557G1	1/10
aluminium	Switch rocker, 1-gang, red lens 1789-83	2TKA000558G1	1/10
 1-gang rockers with transparent lens and "light" symbol, IP21/IP44 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	1789LI-84	2TKA000569G1	1/10
anthracite	1789LI-81	2TKA000567G1	1/10
aluminium	1789LI-83	2TKA000568G1	1/10
 1-gang rockers with transparent lens and "key" symbol, IP21/IP44 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	1789TR-84	2TKA000574G1	1/10
anthracite	1789TR-81	2TKA000572G1	1/10
aluminium	1789TR-83	2TKA000573G1	1/10
 1-gang rockers with transparent lens and "bell" symbol, IP21/IP44 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	1789KL-84	2TKA000564G1	1/10
anthracite	1789KL-81	2TKA000562G1	1/10
aluminium	1789KL-83	2TKA000563G1	1/10
 Seal for switches, IP44 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.			
	2463	2TKA000002G1	20/200

Product	Article-No.	Order-No.	Pack/Qty
 Screw-mounted rocker frames, IP44 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 2474	2TKA000004G1	20/200
	Supporting frame for 2-gang rocker, screw fastening 2475	2TKA000005G1	20/200
 Lamps for switches 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 8370	2TKA000045G1	10/100
	Lamp, 230V/2mA, fluorescent, for 1-gang switches 8372	2TKA000047G1	10/100
	Lamp, 24V/22mA, incandescent, for 1-gang switches 8375	2TKA000048G1	10/100
	Lamp, 12V/40mA, incandescent, for 1-gang switches 8376	2TKA000049G1	10/100
	Lamp, 230V/1.5mA, fluorescent, for card switch 8331	2TKA000042G1	10/100
	Lamp, 250V/0.4mA, LED, for 1-gang switches 8370R	2TKA00003241	10/100
	Lamp, 5-24V/0,5-2,5mA, LED, for 1-gang switches 8375R	2TKA00003242	10/100

Impressivo

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Flat LED-dimmer, with rotary control 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. <div>   </div>		
	LED dimmer, rotary 2-100VA, with neon lamp	6523URCGL-84-103	2CKA006512A0347 1/10
	LED dimmer, rotary 2-100VA, insert with neon lamp	6523UR-103-500	2CKA006512A0345 1/10
	white Dimmer center plate, with neon lamp	6540-84-102-510	2CKA006599A3037 1/10
	anthracite Dimmer center plate, with neon lamp	6540-81-102-510	2CKA006599A3035 1/10
aluminium	Dimmer center plate, with neon lamp	6540-83-102-510	2CKA006599A3036 1/10
Note! There might be limitations from transformer producers on how many dimmable LED bulbs can be connected behind one transformer.			
	Busch-rotary dimmer ¹⁾ Flush-mounted, DALI, with internal power supply, tunable white 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 ³). Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C		
	2116/11UJGL-84	2CKA006599A3031	1






¹⁾ 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)

Product	Article-No.	Order-No.	Pack/Qty
Sold in parts			
	DALI dimmer, with internal power supply, tunable white, insert		
	2116/11U	2CKA006599A3026	1/10
white	Dimmer center plate with neon lamp	6540-84-102-510	2CKA006599A3035 1/10
anthracite	Dimmer center plate, with neon lamp	6540-81-102-510	2CKA006599A3035 1/10
aluminium	Dimmer center plate, with neon lamp	6540-83-102-510	2CKA006599A3036 1/10
DALI-potentiometers			
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.			
Inserts			
	DALI potentiometer insert		
	2117U-500	2TKA00001861	1/10
	With integrated power supply		
	2117/11U-500	2TKA00001865	1/10
Dimmer center plate, with neon lamp			
white	6540-84-102-510	2CKA006599A3037	1/10
anthracite	6540-81-102-510	2CKA006599A3035	1/10
aluminium	6540-83-102-510	2CKA006599A3036	1/10
Sold in parts			
	Dimmer, 60-600 VA, insert		
	2250U	2TKA000723G1	1/10
white	Dimmer center plate, with neon lamp	6540-84-102-510	2CKA006599A3037 1/10
anthracite	Dimmer center plate, with neon lamp	6540-81-102-510	2CKA006599A3035 1/10
aluminium	Dimmer center plate, with neon lamp	6540-83-102-510	2CKA006599A3036 1/10

Impressivo



Dimmers



Product	Article-No.	Order-No.	Pack/Qty
Sold in parts			
	Dimmer insert, 20-500 VA		
	2247U	2TKA000721G1	1/10
	Dimmer insert, 200-700 VA		
	6520U	2TKA001447G1	1/10
white	Dimmer center plate, with neon lamp		
	6540-84-102-510	2CKA006599A3037	1/10
anthracite	Dimmer center plate, with neon lamp		
	6540-81-102-510	2CKA006599A3035	1/10
aluminium	Dimmer center plate, with neon lamp		
	6540-83-102-510	2CKA006599A3036	1/10

Product	Article-No.	Order-No.	Pack/Qty
	Dimmer for electronic halogen transformers		
	Dimmer for electronic halogen transformers. Push switch function, change over contact. Nominal voltage: 230 V/50 Hz. Electronic short circuit- and overload protection. Suitable also for 230V incandescent- and halogen lamps.		
	   		
	Includes insert and center plate		
white	El. transformer dimmer, 40-420 VA, with neon lamp		
	6513UJGL-84-102	2CKA006512A0351	1/10
	Sold in parts		
white	El. transformer dimmer insert, 40-420 VA		
	6513-U-102-500	2CKA006513A0586	1/10
white	Dimmer center plate, with neon lamp		
	6540-84-102-510	2CKA006599A3037	1/10
anthracite	Dimmer center plate, with neon lamp		
	6540-81-102-510	2CKA006599A3035	1/10
aluminium	Dimmer center plate, with neon lamp		
	6540-83-102-510	2CKA006599A3036	1/10



Impressivo

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Potentiometer 1-10 V 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 ϕ 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. 			
Includes insert and center plate			
white	Potentiometer 1-10 V 2112UJGL-84-101	2CKA006599A3029	1/10
Sold in parts			
	Potentiometer insert 1-10 V 2112 U-101-500	2CKA006599A2873	1/10
white	Dimmer center plate, with neon lamp 6540-84-102-510	2CKA006599A3037	1/10
anthracite	Dimmer center plate, with neon lamp 6540-81-102-510	2CKA006599A3035	1/10
aluminium	Dimmer center plate, with neon lamp 6540-83-102-510	2CKA006599A3036	1/10

 LED-Touch Dimmer Touch dimmer for LED lamps. Leading and trailing edge control (RLC-type). 2-wire connection. Rated power 2 - 100 VA. Linear and low-noise operation. Mixed loads allowed. Electronic short-circuit and overload protection. Adjustable minimum brightness. Nominal voltage 230 V/50-60 Hz. Also applicable for 1-gang 2-way installations. Operation also possible via conventional push buttons (Functions: on, off and dim). Maximum 20 LED lamps behind one dimmer. Compatibility with defined Philips LED lamps is guaranteed. 			
Sold in parts			
	LED dimmer push button 6526U-500	2TKA00002920	1/10
white	Touch dimmer center plate, with neon lamp 6543-84-101	2TKA001469G1	1/10
anthracite	Touch dimmer center plate, with neon lamp 6543-81-101	2TKA001467G1	1/10
aluminium	Touch dimmer center plate, with neon lamp 6543-83-101	2TKA001468G1	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
 Touch controller 1-10 V Touch controller 1-10 V. For controlling electronic control gears for fluorescent lamp, analogy adjustment (IEC 929). Nominal voltage: 230 V/50 Hz. Control current max. 50 mA DC. Coupling ability 4 A cos ϕ 0,9 or cos ϕ 0,5. 4 gears can be directly connected to one dimmer. With larger loads an external relay or contactor must be used. 230 V closing push buttons can be used as extension dimmers for on/off and control functions. 			
Sold in parts			
	Touch controller 1-10 V, insert 6550U-101	2TKA001477G1	1/10
white	Touch dimmer center plate, with neon lamp 6543-84-101	2TKA001469G1	1/10
anthracite	Touch dimmer center plate, with neon lamp 6543-81-101	2TKA001467G1	1/10
aluminium	Touch dimmer center plate, with neon lamp 6543-83-101	2TKA001468G1	1/10

Note! Neon indication lamp does not work in this application.

Impressivo

Movement detectors


Product	Article-No.	Order-No.	Pack/Qty
	Comfort switch 230V, IP20, for flush mounting, 2-wire or 3-wire models. Detection angle 170°. Detection range: frontal: 5 m, lateral: 3 m. Operation also possible with 230V conventional push buttons. Brightness limit value: 0.5 Lux - 300 Lux. Switch-off delay: 1 to 10 min. Mounting height: 0.8 m - 1.2 m.		
	Includes insert and center plate		
	Comfort switch, relay 10A, 3-wire connection		
	white 6816UC-84	2TKA00000478	1/10
	Sold in parts		
	Comfort switch insert, 40-300 W/VA, 2-wire connection		
	6815U	2TKA001525G1	1/10
	Comfort switch relay insert 10A, 3-wire connection		
	6816U	2TKA001529G1	1/10
white	Comfort switch sensor		
	6815-84	2TKA001522G1	1/10
anthracite	Comfort switch sensor		
	6815-81	2TKA001520G1	1/10
aluminium	Comfort switch sensor		
	6815-83	2TKA001521G1	1/10
	Motion detector 180 Comfort multiple surveillance 230 V, 10 A relay, IP20, for flush mounting. Detection area 180°. The area has been extended approximately 35° downwards. This enables e.g. the surveillance of a stairway from an upper platform. The detection range depends on the mounting height; for more information, see the specifications. Adjustable lighting level 5 - 250 lux, switch-off delay 10sec-30min. Three-way operating switch (off - automatic - always on), which can be locked to the automatic position.		
	Sold in parts		
	Universal relay unit insert, 10 A		
	6401U-102	2TKA001428G1	1/10
	Motion detector sensor 180 Comfort multiple surveillance		
white	6800-84-104M	2TKA001509G1	1/10
anthracite	Motion detector sensor 180 Comfort multiple surveillance		
	6800-81-104M	2TKA001505G1	1/10
aluminium	Motion detector sensor 180 Comfort multiple surveillance		
	6800-83-104M	2TKA001507G1	1/10
	Motion detector 180 Comfort 230 V, 10 A relay, IP20, for flush mounting. Detection area 180 degrees, approximately 8 m to the sides and approximately 12 m to the front at the mounting height. Adjustable lighting level 5-250 lux, switch-off delay 2 sec.-30 min. Three-way operating switch (off - automatic - always on), which can be locked to the automatic position. Mounting height 1-1.2 m.		
	Sold in parts		
	Universal relay unit insert, 10 A		
	6401U-102	2TKA001428G1	1/10
	Motion detector sensor 180 Comfort		
white	6800-84-104	2TKA001508G1	1/10
anthracite	Motion detector sensor 180 Comfort		
	6800-81-104	2TKA001504G1	1/10
aluminium	Motion detector sensor 180 Comfort		
	6800-83-104	2TKA001506G1	1/10


Timers


Product	Article-No.	Order-No.	Pack/Qty
	Countdown timer User friendly timer with fixed time settings 15min, 30min, 1h, 2h, 4h or 8h. Countdown time is set with a screwdriver. 2-pole switch.		
	Includes insert and center plate		
	white	T210-84	2TKA00000875 1/10
	anthracite	T210-81	2TKA00000876 1/10
	aluminium	T210-83	2TKA00000877 1/10
	Timer switches 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.		
	Inserts		
	Universal relay unit insert, 10 A		
	6401U-102	2TKA001428G1	1/10
	Timer switch display		
	6455-101-500	2TKA000025G1	1/10
	Centre plates		
	white	6435-84	2TKA001434G1 1/10
	aluminium	6435-83	2TKA001433G1 1/10


Impressivo


Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 3-gang Euro socket outlets, flush mounting IP21 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	303UC-84	2TKA00000433	1/10
anthracite	303UC-81	2TKA00000340	1/10
aluminium	303UC-83	2TKA00000451	1/10


 2-gang Schuko socket outlets, flush mounting, with cover plate, IP21 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	302EUJ-84	2TKA000952G1	1/10
anthracite	302EUJ-81	2TKA000951G1	1/10
aluminium	302EUJ-83	2TKA00000442	1/10


 2-gang Schuko socket outlets, flush mounting in special 1,5 x box, IP21 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	302EUJT-84	2TKA00002007	1/10
anthracite	302EUJT-81	2TKA00002005	1/10
aluminium	302EUJT-83	2TKA00002006	1/10


 2-gang Schuko socket outlets, flush mounting, IP21 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	302EUC-84	2TKA00000431	1/10
anthracite	302EUC-81	2TKA00000440	1/10
aluminium	302EUC-83	2TKA00000441	1/10


 2-gang Schuko outlets with special colour, IP21 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	302EUC-02	2TKA00002962	1/10
orange	302EUC-03	2TKA00002963	1/10
green	302EUC-05	2TKA00002964	1/10
blue	302EUC-06	2TKA00002965	1/10

Product	Article-No.	Order-No.	Pack/Qty
 Flush mounting 2-gang Schuko socket outlets with lid IP21 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	302EUCK-84	2TKA00003033	1/10
anthracite	302EUCK-81	2TKA00003031	1/10
aluminium	302EUCK-83	2TKA00003032	1/10

 Non-earthed flush mounting 2-gang socket outlets IP21, with cover plate 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	302UJ-84	2TKA00000432	1/10
anthracite	302UJ-81	2TKA00000339	1/10
aluminium	302UJ-83	2TKA00000338	1/10






 Flush mounting 1-gang Schuko socket outlets IP21 with cover plate 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	20EUJ-84	2TKA003848G1	1/10
anthracite	20EUJ-81	2TKA00000438	1/10
aluminium	20EUJ-83	2TKA00000439	1/10



 1-gang Schuko socket outlets, flush mounting, IP21 Product includes Schuko socket outlet insert and center plate. The socket outlet has shutters and screwless terminals for max 2 rigid wires.			
white	20EUC-84	2TKA003846G1	1/10
anthracite	20EUC-81	2TKA00000434	1/10
aluminium	20EUC-83	2TKA00000435	1/10

 Flush mounting 1-gang Schuko socket outlets with lid IP21 Product includes Schuko socket outlet insert and center plate. The socket outlet has shutters and screwless terminals for max 2 rigid wires.			
white	20EUCK-84	2TKA003847G1	1/10
anthracite	20EUCK-81	2TKA00000436	1/10
aluminium	20EUCK-83	2TKA00000437	1/10

Impressivo





Socket outlets




Product	Article-No.	Order-No.	Pack/Qty
	1-gang Schuko socket outlets, flush mounting, with LED light, IP20 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	20EUCBLI-84	2TKA00000891 1/10
aluminium	20EUCBLI-83	2TKA00000889	1/10
	1-gang Schuko socket outlet with center plate and USB charger, IP20 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	20EUCBUSB-84	2TKA00001884 1
anthracite	20EUCBUSB-81	2TKA00001882	1
aluminium	20EUCBUSB-83	2TKA00001883	1
	Residual current devices 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	3120EUC-84	2TKA00003318 1/10
white	3150UC-84.1	2TKA00003319	1/10
	2-gang Schuko socket outlet, Flush mounting, IP44 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	302EUJW-84	2TKA000954G1 1/10
	1-gang Schuko socket outlet, flush mounting, IP44 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	20EUJW-84	2TKA000698G1 1/10

Product	Article-No.	Order-No.	Pack/Qty
	Seal 85mm for 1-gang socket outlet, IP44 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.		
	2463	2TKA000002G1	20/200
	Seal 100mm for 2-gang socket outlet, IP44 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.		
	2464	2TKA000003G1	20/200

Impressivo





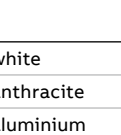

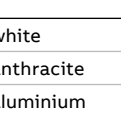
Data communication

Product	Article-No.	Order-No.	Pack/Qty
 RJ45 outlet with sliding dust covers for Impressivo 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.			
Modular			
	Supporting frame insert for 2xRJ45, Keystone		
	1819.01	2TKA000599G1	10/100
	Supporting frame insert for 2xRJ45, AMP		
	1819.02	2TKA000600G1	10/100
	Supporting frame insert for 2xRJ45, Actassi		
	1819.03	2TKA000601G1	10/100
	Supporting frame insert for 2xRJ45, Systimax		
	1819.04	2TKA000602G1	10/100
white	Center plate, 2 x RJ45, dust covers		
	1819DC-84	2TKA00001111	1/10
anthracite	Center plate, 2 x RJ45, dust covers		
	1819DC-81	2TKA00001109	1/10
aluminium	Center plate, 2 x RJ45, dust covers		
	1819DC-83	2TKA00001110	1/10
 RJ45 outlet with sliding dust covers for design-series 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.			
Modular			
green	Supporting frame insert for 2xRJ45, Systimax		
	1810.1	2TKA000595G1	10/100
red	Supporting frame insert for 2xRJ45, Keystone		
	1812.1	2TKA000596G1	10/100
black	Supporting frame insert for 2xRJ45, AMP		
	1814.1	2TKA000597G1	10/100
 RJ45 outlet including connectors 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	FOT6208-84	2TKA00000463	1/10
anthracite	FOT6208-81	2TKA00000461	1/10
aluminium	FOT6208-83	2TKA00000462	1/10
 RJ45 connectors 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	CEL30.U6	2TKA001891G1	10/100


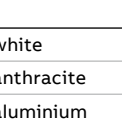

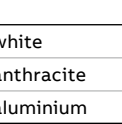


Product	Article-No.	Order-No.	Pack/Qty
 DKS insert and center plate DKS-center plate is used to fix many different kind of tele connectors into the mounting box. To be fitted with a suitable DKS adapter 18XXEB.XXX. The product includes center plate and assembly ring.			
white	1758-84	2TKA000487G1	1/10
anthracite	1758-81	2TKA000485G1	1/10
aluminium	1758-83	2TKA000486G1	1/10
 DKS-adapters Different adapters for DKS-system. Suitable for DKS-center plate 1758-xx.			
RJ45			
	Adapter for DKS-system, 2 x RJ45, Keystone		
	1867EB	2TKA000618G1	10/100
	Adapter for DKS-system, 2 x RJ45, AMP		
	1875EB	2TKA000624G1	10/100
	Adapter for DKS-system, 2 x RJ45, Systimax		
	1872EB	2TKA000622G1	10/100
Fiber			
	Adapter for DKS-system, fiber 2 x Simplex ST		
	1870EB	2TKA000621G1	10/100
	Adapter for DKS-system, fiber 2 x SCD		
	1874EB	2TKA000623G1	10/100
Audio			
	Adapter for DKS-system, XLR audio connector type FP		
	1853EB	2TKA000614G1	10/100
	Adapter for DKS-system, XLR audio connector type MP		
	1854EB	2TKA000615G1	10/100
	Adapter for DKS-system, XLR D-type or Speakon audio connector		
	1876EB	2TKA000626G1	10/100
Others			
	Adapter for DKS-system, D-type 9-pin connector		
	1850EB	2TKA000612G1	10/100
	Adapter for DKS-system, 2 x BNC/TNC, 9,8mm		
	1855EB	2TKA000616G1	10/100
	Adapter for DKS-system, 2 x BNC/TNC, 12,9mm		
	1857EB	2TKA000617G1	10/100
	Adapter for DKS-system, blank		
	1869EB	2TKA000620G1	10/100
 DKS-adapter with VGA connector Suitable for DKS-center plate 1758-xx. VGA connector is included (15pin D-sub). Cable should be connected by soldering.			
	1850EB.VGA	2TKA000613G1	1/10

Impressivo

Data communication

Product	Article-No.	Order-No.	Pack/Qty
	DKS-adapter with Composite-/S-video connectors 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.		
	1875EB.YCV	2TKA000625G1	1/10
	DKS-adapter with Speakon connector Suitable for DKS-center plate 1758-xx. Speakon 4-pin loudspeaker connector is included. Flat tab terminals.		
	1876EB.SPE	2TKA000627G1	1/10
	Antenna center plate, TV/R/Sat Center plate for common antenna outlet inserts. The terminal "Sat" is closed, but can be knocked out.		
white	1743-84	2TKA000465G1	1/10
anthracite	1743-81	2TKA000463G1	1/10
aluminium	1743-83	2TKA000464G1	1/10
	USB charger For supply and support of two mobile devices via USB-cable. With two USB A-type connectors. With electronic short-circuit and overload protection. Rated voltage: 230V~/5V-, 50Hz - 60Hz, power dissipation 0.3W. Suitable for: In case one output is used rated current max 1400mA. In case two output are used rated current max 700mA.		
	Insert Tele outlet insert, USB charging station 2 x 0,7A 6472U 2TKA00001885 1		
	Center plate, tele outlet		
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10
	Tele outlet USB Tele outlet with USB A-type connector. Compatible up to USB 2.0 versions. Internal connections with screw type terminals.		
	Insert * Tele outlet insert, with USB A-type connector 0261/13 2TKA00001916 1		
	Center plate, tele outlet		
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10


* Delivery time 3 weeks.

Product	Article-No.	Order-No.	Pack/Qty
	Tele outlet VGA Tele outlet for VGA display with D-sub 15pin connector. Internal connections with screw type terminals.		
	Insert * Tele outlet insert, with VGA 15pin D-sub connector 0261/23 2TKA00001917 1		
	Center plate, tele outlet		
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10
* Delivery time 3 weeks.			
	Tele outlet HDMI Tele outlet for HDMI display with A-type connector. Internal connections with screw type terminals.		
	Insert * Tele outlet insert, with HDMI A-type connector 0261/33 2TKA00001918 1		
	Center plate, tele outlet		
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10
* Delivery time 3 weeks.			
	Tele outlet BNC-F 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.		
	Insert and connector * Tele outlet insert for 2 x BNC-F type connectors 0262/13 2TKA00001919 1		
	Connector, BNC-F type, d = 12mm 0262 2TKA00001920 1		
	Center plate, tele outlet		
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10


* Delivery time 3 weeks.

Impressivo


Data communication


Product	Article-No.	Order-No.	Pack/Qty
 Tele outlet RCA Tele outlet for 1 or 2 RCA audio/video connectors. The insert and the connectors are sold separately.			
Insert and connector *			
	Tele outlet insert for 2 x RCA connectors 0263/13	2TKA00001921	1
white	Connector, RCA 0263/04	2TKA00001922	1
black	Connector, RCA 0263/05	2TKA00001923	1
red	Connector, RCA 0263/06	2TKA00001924	1
yellow	Connector, RCA 0263/07	2TKA00001925	1
Center plate, tele outlet			
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10


* Delivery time 3 weeks.


 Tele outlet for Mini Jack Tele outlet for 1 or 2 Mini Jack connectors. The insert and the connectors are sold separately.			
Insert and connector *			
	Tele outlet insert for 2 x Mini Jack connectors 0264/13	2TKA00001926	1
	Connector, Mini Jack 3,5mm, stereo 0264	2TKA00001927	1
Center plate, tele outlet			
white	1766-84	2TKA000498G1	1/10
anthracite	1766-81	2TKA000495G1	1/10
aluminium	1766-83	2TKA000496G1	1/10


* Delivery time 3 weeks.

 Speaker outlet, stereo There are plug in connectors for speaker wires and screw terminals for max 10mm ² internal wires.			
Modular			
	Tele outlet insert, speaker, stereo 0248.00	2TKA000090G1	1/10
white	Center plate, tele outlet 1766-84	2TKA000498G1	1/10
anthracite	Center plate, tele outlet 1766-81	2TKA000495G1	1/10
aluminium	Center plate, tele outlet 1766-83	2TKA000496G1	1/10

Product	Article-No.	Order-No.	Pack/Qty
 Speaker outlet, mono There is one red and one black gold plated terminal screw for the speaker wires and screw terminals for max 10mm ² internal wires.			
Modular			
	Speaker insert, with terminal screws 1819.LSP	2TKA000603G1	1/10
white	Center plate, 2 x RJ45, blind covers 1819-84	2TKA000609G1	1/10
anthracite	Center plate, 2 x RJ45, blind covers 1819-81	2TKA000605G1	1/10
aluminium	Center plate, 2 x RJ45, blind covers 1819-83	2TKA000607G1	1/10





 Center plates for Ø 22.5mm devices Center plates with Ø 22.5mm openings, equipped with a groove to prevent rotation. Use with 22mm diameter to fasten different devices.			
white	2533-84	2TKA000841G1	1/10
anthracite	2533-81	2TKA000839G1	1/10
aluminium	2533-83	2TKA000840G1	1/10

 Equipotential outlet 2-gang equipotential outlet. Screw terminals for 1 x 6mm ² and 4 x 2,5mm ² wires. The product includes insert and center plate.			
white	2095UC-84	2TKA000652G1	10/100
anthracite	2095UC-81	2TKA000650G1	10/100
aluminium	2095UC-83	2TKA000651G1	10/100

 Equipotential plug Suitable for potential equalization and to be used with equipotential outlets. For max. 6 mm ² wires. The wire is connected by pressing with tool or by soldering.			
	0299.00032	2TKA000091G1	10/100



Impressivo

Multimedia

Product	Article-No.	Order-No.	Pack/Qty
 DigitalRadio set 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	8220-84	2TKA001587G1	1/10
 DigitalRadio 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.			
Insert			
Digital Radio Insert, FM			
	8215U	2TKA001586G1	1/10
Center plate			
white	8252-84	2TKA001592G1	1/10
anthracite	8252-81	2TKA001590G1	1/10
aluminium	8252-83	2TKA001591G1	1/10
 Loudspeaker For DigitalRadio 8215U. Size 2". Rated output 2W. Frequency response: 200-20 000 Hz, IP20.			
Insert			
Loudspeaker insert			
	8223U	2TKA001588G1	1/10
Center plate			
white	8253-84	2TKA001597G1	1/10
anthracite	8253-81	2TKA001595G1	1/10
aluminium	8253-83	2TKA001596G1	1/10
 iNetRadio 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.			
Set *			
iNetRadio kit			
	8240-84-500	2TKA00002109	1/10
Center plate *			
iNetRadio			
	8216U-500	2TKA00002110	1/10
DigitalRadio, center plate			
white	8252-84	2TKA001592G1	1/10
DigitalRadio, center plate			
anthracite	8252-81	2TKA001590G1	1/10
DigitalRadio, center plate			
aluminium	8252-83	2TKA001591G1	1/10



* Delivery time to ask.

Thermostats


Product	Article-No.	Order-No.	Pack/Qty
 Floor heating thermostat 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 ² . 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.			
Includes insert and center plate			
Floor heating thermostat, 16 A, with sensor			
white	TF16-15-84	2TKA00002923	1/10
Sold in parts			
Floor heating thermostat, 16 A, with sensor, Insert			
	TF16-15U	2TKA00002848	1/10
Center plate, for thermostat			
white	T-11-84	2TKA00000274	1/10
Center plate, for thermostat			
anthracite	T-11-81	2TKA00000267	1/10
Center plate, for thermostat			
aluminium	T-11-83	2TKA00000273	1/10
 Combination thermostat 15A Combination thermostat can be used as a combination thermostat or only either as a room thermostat or floor heating thermostat. Set the room temperature to the desired value with the round adjustment knob; the adjustment range is +5...+35 °C Set the maximum floor temperature by turning the adjustment screw in the top left corner; the adjustment range is +20...+50 °C. When the thermostat is used to adjust a floor heating element heating a floor made of wood or corresponding material, never set the maximum floor temperature to over +35 °C (factory setting), or according to the floor material manufacturer's instructions. The device measures the temperature inside the floor, which differs from the floor's surface temperature. Freezing protection: Set the adjustment knob to position 5, and the thermostat will keep room temperature at +5 °C. Temperature limiting: There are limiting pins under the adjustment knobs that use to limit the movement of the adjustment knob. Move the pins to the desired position to set the maximum and minimum temperatures. 230V~ / 50Hz / 15A / 3450W / IP 31 / doubleinsulated / sensor: 3 m / NTC 15 kΩ / 25 °C / Operating temperature: -10...+30 °C / switch: 2-pole / screw terminals: max. 2x2.5 mm ² / temperature drop: fixed 5 °C / adjustment range: +5...+ 45 °C / hysteresis +/- 0.4 °C.			
Includes insert and center plate			
white	TC-15-13-84	2TKA00002055	1/10
anthracite	TC-15-13-81	2TKA00002056	1/10
aluminium	TC-15-13-83	2TKA00002057	1/10

Impressivo

Thermostats

Product	Article-No.	Order-No.	Pack/Qty
 Motor controller 1A and 2,5A, IP21 For controlling the operating speed of fan motors. Nominal voltage: 230V, 50 Hz.			
Jussi, includes insert, center plate and cover frame			
	Motor controller 0.1-1A		
	2299UCJ-214	2TKA000738G1	1/10
	Motor controller 0.1-2,5A		
	2297UCJ-214	2TKA000735G1	1/10
Impressivo, center plate			
white	Dimmer center plate, with neon lamp		
	6540-84-101	2TKA001454G1	1/10
anthracite	Dimmer center plate, with neon lamp		
	6540-81-101	2TKA001452G1	1/10
aluminium	Dimmer center plate, with neon lamp		
	6540-83-101	2TKA001453G1	1/10
 Room thermostat, surface mounting Room thermostat for surface mounting. Does not need a separate bus interface. Thermostat has LCD display and possibility to control fan coil actuator manually.			
white	6138/11-84-500	2TKA00000361	1
aluminium	6138/11-83-500	2TKA00000359	1


RF-products

Product	Article-No.	Order-No.	Pack/Qty
 RF EnOcean products Radiofrequency operated switches and relays.			
	Push button EnOcean, 1-gang		
white	1786RF-84 *	2TKA000548G1	1
	Push button EnOcean, 1-gang		
anthracite	1786RF-81 *	2TKA000546G1	1
	Push button EnOcean, 1-gang		
aluminium	1786RF-83 *	2TKA000547G1	1
	Push button EnOcean, 2-gang		
white	1785RF-84	2TKA000537G1	1
	Push button EnOcean, 2-gang		
anthracite	1785RF-81 *	2TKA000535G1	1
	Push button EnOcean, 2-gang		
aluminium	1785RF-83 *	2TKA000536G1	1
	Switch actuator EnOcean, 1-fold 10 A, FM		
	6401/RF	2TKA001425G1	1
	KNX/EnOcean Gateway, SM		
	EG/A32.2.1 *	2TKA00002641	1


* Delivery time to ask.

Impressivo


RF-products with battery

Product	Article-No.	Order-No.	Pack/Qty
 1-gang, RF-wireless push buttons			
white	1-gang RF 6731-84-500	2TKA00001789	1/10
aluminium	Wireless Push Button 1-gang RF 6731-83-500 *	2TKA00001790	1/10


* By order: delivery time to ask.


 2-gang, RF-wireless push buttons			
white	6732-84-500	2TKA00001792	1/10
aluminium	6732-83-500 *	2TKA00001793	1/10


* By order: delivery time to ask.

 4-gang, RF-wireless push buttons			
white	6733-84-500	2TKA00001795	1/10
aluminium	6733-83-500 *	2TKA00001796	1/10


* By order: delivery time to ask.

 RF-receivers, flushmounted			
	Watchdog receiver, RF, 230V, 10AX 6701-101-500	2TKA000031G1	1/10
	Receiver, RF, relay, 230V, 10AX 6702-500	2TKA00001799	1/10
	Switch actuator RF, 230V, 2x3AX 6703-500	2TKA00001800	1/10
	Blind actuator, RF, 230V, 2x3A 6705-500	2TKA00001801	1/10
	Universal dimming actuator, RF, 230V, 35-210W 6704-500	2TKA00001798	1/10
	WaveLINE binary input, 2gang, 230 V~ 6725-500	2TKA00003004	1/10


 RF-remote control			
	Remote control RF 6780-500	2TKA00001802	1/10

 RF-sensors *			
	6725-500	2TKA00003004	1/10
white	RF window sensor 6720-64	2TKA00002201	1/10
steel	RF window sensor 6720-66	2TKA00002203	1/10
white	Universal sensor RF 6721-64	2TKA00002205	1/10

* By order: delivery time to ask.

 RF-displays * LED Display RF			
white	6730-84	2TKA00002195	1/10
aluminium	6730-83	2TKA00002197	1/10



* By order: delivery time to ask.



 Bottom parts of the displays *			
	RF relay with installation ring 10AX 6404U	2TKA00002452	1/10
	RF dimmer with installation ring 60-450VA 6595U	2TKA00002453	1/10

* By order: delivery time to ask.

Impressivo


Signal


Product	Article-No.	Order-No.	Pack/Qty
 Transformer Small size transformer to be installed in normal mounting box. Short circuit protected. Voltage: 230 V ac / 15 V ac. Power / loading capacity: 2,2 VA / 150 mA.			
Jussi, includes insert and center plate			
	Transformer FLM1000	2TKA002168G1	1/10
Impressivo, center plate			
white	Center plate, blind U-84	2TKA003414G1	1/10
anthracite	Center plate, blind U-81	2TKA003412G1	1/10
aluminium	Center plate, blind U-83	2TKA003413G1	1/10
 Control Units, 1- and 2-loop 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. Current consumption, FEH1001 and FEH1101: 70 mA ac / 40 mA dc, FEH 1002: 110 mA ac / 60 mA dc.			
Jussi, includes insert and center plate			
	Control Unit, 1-loop FEH1001	2TKA002107G1	1/10
	Control Unit, 2-loop FEH1002	2TKA002110G1	1/10
	Control Unit, 1-loop, disconnectable FEH1101	2TKA002111G1	1/10
Impressivo, center plate			
white	Center plate, 1-fold 1P-84	2TKA000632G1	1/10
anthracite	Center plate, 1-fold 1P-81	2TKA000630G1	1/10
aluminium	Center plate, 1-fold 1P-83	2TKA000631G1	1/10
white	Center plate, 2-fold 2P-84	2TKA000893G1	1/10
anthracite	Center plate, 2-fold 2P-81	2TKA000891G1	1/10
aluminium	Center plate, 2-fold 2P-83	2TKA000892G1	1/10


Product	Article-No.	Order-No.	Pack/Qty
 Alarm Unit, 1-loop 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.			
Jussi, includes insert and center plate			
	Alarm Unit, 1-loop FEH2001	2TKA002112G1	1/10
Impressivo, center plate			
white	Center plate, Signal light V-84	2TKA003461G1	1/10
anthracite	Center plate, Signal light V-81	2TKA003459G1	1/10
aluminium	Center plate, Signal light V-83	2TKA003460G1	1/10
 Signal Push Button Signal Push Button with LED. Adressed / non-adressed 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.			
Jussi, includes insert and center plate			
	Signal Push Button, 1-fold FAP2001	2TKA002095G1	1/10
Impressivo, center plate			
white	Center plate, 1-fold 1P-84	2TKA000632G1	1/10
anthracite	Center plate, 1-fold 1P-81	2TKA000630G1	1/10
aluminium	Center plate, 1-fold 1P-83	2TKA000631G1	1/10


Impressivo


Signal

Product	Article-No.	Order-No.	Pack/Qty
 Signal Push Button with Cord 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.			
Jussi, includes insert and center plate			
Signal Push Button with Cord			
	FAP3002	2TKA002098G1	1/10
	FAP3002.PU	2TKA00003391	1/10
Impressivo, center plate			
white	Center plate, 2-fold		
	2P-84	2TKA000893G1	1/10
	Center plate, 2-fold		
anthracite	2P-81	2TKA000891G1	1/10
aluminium	Center plate, 2-fold		
	2P-83	2TKA000892G1	1/10

 Signal Push Button with Stereo Plug Terminal 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.			
Jussi, includes insert and center plate			
Signal Push Button with Stereo Plug Terminal			
	FAP3011	2TKA002103G1	1/10
Impressivo, center plate			
white	Center plate, Push button/telecom socket outlet		
	PT-84	2TKA003208G1	1/10
anthracite	Center plate, Push button/telecom socket outlet		
	PT-81	2TKA003206G1	1/10
aluminium	Center plate, Push button/telecom socket outlet		
	PT-83	2TKA003207G1	1/10



Product	Article-No.	Order-No.	Pack/Qty
 Stereo Plug Terminal Stereo Plug Terminal is used for 6.3 mm Jack connector (stereo). It can be used in calling and alarm systems as a socket outlet for connecting the Wire Push Button FAP9001, or as a headphone or loudspeaker terminal. Good marking possibilities.			
Jussi, includes insert and center plate			
Stereo Plug Terminal for 6,3mm Jack Plug			
	FOT3103	2TKA002180G1	1/10
Impressivo, center plate			
white	Center plate, Telecom socket outlet		
	T-84	2TKA003321G1	1/10
anthracite	Center plate, Telecom socket outlet		
	T-81	2TKA003319G1	1/10
aluminium	Center plate, Telecom socket outlet		
	T-83	2TKA003320G1	1/10




 Wire Push Button Push Button with 6.3 mm Jack plug (stereo). Closing contact. Length 2m.			
Wire Push Button with 6,3mm Jack Plug			
	FAP9001	2TKA002105G1	1/10

 Button / Buzzer 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.			
Jussi, includes insert and center plate			
Button / Buzzer			
	FIP1001	2TKA002144G1	1/10
Impressivo, center plate			
white	Center plate, 1-fold		
	1P-84	2TKA000632G1	1/10
anthracite	Center plate, 1-fold		
	1P-81	2TKA000630G1	1/10
aluminium	Center plate, 1-fold		
	1P-83	2TKA000631G1	1/10

Impressivo

Signalling Devices

Product	Article-No.	Order-No.	Pack/Qty
 Signal Lights Device with LED signal light. Opal lense. Operating voltage of LED's: 9,5 - 28 V ac / 9,5 - 35 V dc. Current consumption: 60 mA ac / 30 mA dc.			
Jussi, includes insert and center plate			
red	Signal Light FIM1000	2TKA002120G1	1/10
yellow	Signal Light FIM1010	2TKA002123G1	1/10
green	Signal Light FIM1020	2TKA002125G1	1/10
white	Signal Light FIM1030	2TKA002127G1	1/10
Impressivo, center plate			
white	Center plate, Signal light V-84	2TKA003461G1	1/10
anthracite	Center plate, Signal light V-81	2TKA003459G1	1/10
aluminium	Center plate, Signal light V-83	2TKA003460G1	1/10
 Buzzer Two audio frequencies available. Volume adjustment possible. Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc. 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.			
Jussi, includes insert and center plate			
	Buzzer FIM1100	2TKA002128G1	1/10
Impressivo, center plate			
white	Center plate, blind U-84	2TKA003414G1	1/10
anthracite	Center plate, blind U-81	2TKA003412G1	1/10
aluminium	Center plate, blind U-83	2TKA003413G1	1/10




Product	Article-No.	Order-No.	Pack/Qty
 Alarm Unit Alarm Unit with flashing LED light and interrupting sound. Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc. current consumption: 60 mA ac / 30 mA dc. Sound intensity / frequency: 78 dB / 2,3 kHz (intensity measured at 30 cm distance). Sound disconnectable.			
Jussi, includes insert and center plate			
yellow	Alarm Unit FIM1210	2TKA002135G1	1/10
red	Alarm Unit FIM1200	2TKA002131G1	1/10
Impressivo, center plate			
white	Center plate, Signal light V-84	2TKA003461G1	1/10
anthracite	Center plate, Signal light V-81	2TKA003459G1	1/10
aluminium	Center plate, Signal light V-83	2TKA003460G1	1/10
 Signal Panel Could be used as an 3/6 points alarm receiving panel in calling and alarm systems. With 6 red LED's. Good marking possibilities. Operating voltage: 12 - 24 V ac/dc.			
Jussi, includes insert and center plate			
	Signal Panel FIM1300	2TKA002136G1	1/10
Impressivo, center plate			
white	Center plate, signal panel 6V-84	2TKA001578G1	1/10
anthracite	Center plate, signal panel 6V-81	2TKA001576G1	1/10
aluminium	Center plate, signal panel 6V-83	2TKA001577G1	1/10
 Disabled WC set, Impressivo 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.			
Impressivo Disabled WC, set			
	FJW1004-84	2TKA00001119	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
	Jussi Leak Guard 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. Operating voltage: 9,5 - 28 V ac / 9,5 - 35 V dc. Current consumption: 75 mA ac / 40 mA dc. Good marking possibilities on the button and name plate.		
	Jussi, includes insert and center plate		
	Leak Guard FEH2100	2TKA002115G1	1/10
	Impressivo, center plate		
white	Center plate, 1-fold 1P-84	2TKA000632G1	1/10
anthracite	Center plate, 1-fold 1P-81	2TKA000630G1	1/10
aluminium	Center plate, 1-fold 1P-83	2TKA000631G1	1/10
	Mains Relay 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.		
	Jussi, includes insert and center plate		
	Mains Relay FIR1000	2TKA002152G1	1/10
	Impressivo, center plate		
white	Center plate, blind U-84	2TKA003414G1	1/10
anthracite	Center plate, blind U-81	2TKA003412G1	1/10
aluminium	Center plate, blind U-83	2TKA003413G1	1/10
	Tape Sensors Self adhesive Leak Guard sensor. Wires connected to sensor by soldering.		
	Tape Sensor, lenght 2 m		
	FLA2100.02	2TKA002164G1	1/10
	Tape sensor, lenght 50 m		
	FLA2100.50	2TKA002166G1	1

Office Signal


Product	Article-No.	Order-No.	Pack/Qty
	Impressivo, Door Panel 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. Operating voltage: 15 - 28 V ac. Current consumption: 75 mA (max).		
	Door Panel for office signal system		
white	FIO2000-84	2TKA002142G1	1/10
	Impressivo Table Panel 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	FIP2000-84	2TKA002148G1	1/10
	Table Panel Terminal 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.		
	Jussi, includes insert and center plate		
	Table Panel Terminal FOT2000	2TKA002177G1	1/10
	Impressivo, center plate		
white	Center plate, 2 x RJ45, dust covers 1819DC-84	2TKA00001111	1/10
	Adapter Relay The Adapter Relay is used to integrate the Office Signal System with calling- or alarm systems. Operating voltage 15 - 28 V ac.		
	Jussi, includes insert and center plate		
	Adapter Relay FIR2000	2TKA002155G1	1/10
	Impressivo, center plate		
white	Center plate, blind U-84	2TKA003414G1	1/10
anthracite	Center plate, blind U-81	2TKA003412G1	1/10
aluminium	Center plate, blind U-83	2TKA003413G1	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
<div><div></div><div>Signal light inserts 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 2,5mm² wires. Not extendable.</div></div>			
Modular			
white	2661.09	2TKA000875G1	1/10
Signal light insert, Led 230V/25mA			
red	2661.02	2TKA000874G1	1/10
Signal light insert, Led 230V/25mA			
white	V-84	2TKA003461G1	1/10
Center plate, Signal light			
anthracite	V-81	2TKA003459G1	1/10
Center plate, Signal light			
aluminium	V-83	2TKA003460G1	1/10
Center plate, Signal light			


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


Impressivo


Accessories


Product	Article-No.	Order-No.	Pack/Qty
	Claws 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 ASE1	2TKA001721G1	10/100


	Screw-mounted rocker frames, IP44 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.		
	Modular		
	Supporting frame for 1/3-gang rocker, screw fastening 2474	2TKA000004G1	20/200
	Supporting frame for 2-gang rocker, screw fastening 2475	2TKA000005G1	20/200


	Seal 85mm for 1-gang socket outlet, IP44 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.		
	2463	2TKA000002G1	20/200


	Seal 100mm for 2-gang socket outlet, IP44 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.		
	2464	2TKA000003G1	20/200

	Blind center plate, 85mm 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	2538-84	2TKA000856G1	1/10
	anthracite	2538-81	2TKA000852G1	1/10
	aluminium	2538-83	2TKA000854G1	1/10

	Blind center plate, 100mm			
	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	2538-100-84	2TKA000848G1	1/10
	anthracite	2538-100-81	2TKA000846G1	1/10
	aluminium	2538-100-83	2TKA000847G1	1/10

Product	Article-No.	Order-No.	Pack/Qty	
	Adapter 85/100mm, IP21/IP44 1-gang center plated accessories can be mounted in 100mm cover frames with the adapter. Final IP class of installation is defined by the accessories.			
	white	2519-84	2TKA000808G1	1/20
	anthracite	2519-81	2TKA000804G1	1/20
	aluminium	2519-83	2TKA000806G1	1/20

	Labeling plate Labeling plate for cover frames. Size of text area is max 12 x 52 mm.		
	2752	2TKA00000053	10/100

	Impulse spring Impulse spring for ABB switches, 10 pcs in sales pack		
	PJ4.10	2TKA00003056	10/100

Impressivo

Frames

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	1721F85-84	2TKA000287G1	1/10
anthracite	1721F85-81	2TKA000283G1	1/10
aluminium	1721F85-83	2TKA000285G1	1/10



Flush mounting cover frames 85mm, IP21/IP44 2-gang

white	1722F85-84	2TKA000337G1	1/5
anthracite	1722F85-81	2TKA000333G1	1/5
aluminium	1722F85-83	2TKA000335G1	1/5



Flush mounting cover frames 85mm, IP21/IP44 3-gang

white	1723F85-84	2TKA000376G1	1/5
anthracite	1723F85-81	2TKA000372G1	1/5
aluminium	1723F85-83	2TKA000374G1	1/5



Flush mounting cover frames 85mm, IP21/IP44 4-gang

white	1724F85-84	2TKA000409G1	1/5
anthracite	1724F85-81	2TKA000407G1	1/5
aluminium	1724F85-83	2TKA000408G1	1/5



Flush mounting cover frames 85mm, IP21/IP44 5-gang

white	1725F85-84	2TKA000434G1	1/5
anthracite	1725F85-81	2TKA000432G1	1/5
aluminium	1725F85-83	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	1721F100-84	2TKA000279G1	1/10
anthracite	1721F100-81	2TKA000275G1	1/10
aluminium	1721F100-83	2TKA000277G1	1/10



Flush mounting cover frames 85mm, IP21/IP44 2-gang

white	1722F100-84	2TKA000329G1	1/5
anthracite	1722F100-81	2TKA000325G1	1/5
aluminium	1722F100-83	2TKA000327G1	1/5



Flush mounting cover frames 85mm, IP21/IP44 3-gang

white	1723F100-84	2TKA000369G1	1/5
anthracite	1723F100-81	2TKA000365G1	1/5
aluminium	1723F100-83	2TKA000367G1	1/5



Flush mounting cover frames 85mm, IP21/IP44 4-gang

white	1724F100-84	2TKA000405G1	1/5
anthracite	1724F100-81	2TKA000403G1	1/5
aluminium	1724F100-83	2TKA000404G1	1/5








Flush mounting cover frames 85mm, IP21/IP44 5-gang







white	1725F100-84	2TKA000430G1	1/5
anthracite	1725F100-81	2TKA000428G1	1/5
aluminium	1725F100-83	2TKA000429G1	1/5

Impressivo – surface mounting

Switches and push switches IP21






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	1066A-84	2TKA00001601	1/10
anthracite	1066A-81	2TKA00001602	1/10
aluminium	1066A-83	2TKA00001603	1/10
1-gang intermediate switch			
white	1067A-84	2TKA00001846	1/10
anthracite	1067A-81	2TKA00001847	1/10
aluminium	1067A-83	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	1065A-84	2TKA00001598	1/10
anthracite	1065A-81	2TKA00001599	1/10
aluminium	1065A-83	2TKA00001600	1/10
2-gang 2-way switch			
white	10666A-84	2TKA00001843	1/10
anthracite	10666A-81	2TKA00001844	1/10
aluminium	10666A-83	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	10631A-84	2TKA00001849	1/10
anthracite	10631A-81	2TKA00001850	1/10
aluminium	10631A-83	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	1062A-84	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	1461A-84	2TKA00001604	1/10
anthracite	1461A-81	2TKA00001605	1/10
aluminium	1461A-83	2TKA00001606	1/10


Socket outlets IP21

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	404EA-84	2TKA00001613	1/20
anthracite	404EA-81	2TKA00001614	1/20
aluminium	404EA-83	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	402EA-84	2TKA00001607	1/10
anthracite	402EA-81	2TKA00001608	1/10
aluminium	402EA-83	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	302ESW-81	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	402EA-02	2TKA00002966	1/10
orange	402EA-03	2TKA00002967	1/10
green	402EA-05	2TKA00002968	1/10
blue	402EA-06	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	402EL-84	2TKA00002273	1/10
anthracite	402EL-81	2TKA00002274	1/10
aluminium	402EL-83	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	402EE-84	2TKA00001610	1/20
anthracite	402EE-81	2TKA00001611	1/20
aluminium	402EE-83	2TKA00001612	1/20

Impressivo – surface mounting


Boxes and accessories


Product	Article-No.	Order-No.	Pack/Qty
 Surface mounting box 85mm, IP21 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	1721A-84	2TKA00001616	1/10
anthracite	1721A-81	2TKA00001617	1/10
aluminium	1721A-83	2TKA00001618	1/10
 Lath installation box 85mm, IP21 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	1721L-84	2TKA00002276	1/10
anthracite	1721L-81	2TKA00002277	1/10
aluminium	1721L-83	2TKA00002278	1/10
 Corner installation box 85mm, IP21 Surface mounting box for 2 devices, also for electronic devices. Horizontal or vertical installation in corners. Use with 85mm 2-gang cover frame.			
white	1722H-84	2TKA00002279	1/20
anthracite	1722H-81	2TKA00002280	1/20
aluminium	1722H-83	2TKA00002281	1/20
 Surface mounting bottom plate, IP21/IP44 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.			
	2456.26	2TKA000769G1	10/100
 DCL lamp outlet for mounting boxes 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	AKK6-84	2TKA00000934	10/100
anthracite	AKK6-81	2TKA00000936	10/100
aluminium	AKK6-83	2TKA00000935	10/100


Product	Article-No.	Order-No.	Pack/Qty
 High surface mounting boxes 80mm, IP20 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			
1-gang			
white	1721S80-84	2TKA00000993	1/10
anthracite	1721S80-81	2TKA00000991	1/10
aluminium	1721S80-83	2TKA00000992	1/10
2-gang			
white	1722S80-84	2TKA00000996	1/5
anthracite	1722S80-81	2TKA00000994	1/5
aluminium	1722S80-83	2TKA00000995	1/5
3-gang			
white	1723S80-84	2TKA00000999	1/10
anthracite	1723S80-81	2TKA00000997	1/10
aluminium	1723S80-83	2TKA00000998	1/10


Impressivo – surface mounting


Cover frames


Product	Article-No.	Order-No.	Pack/Qty
 Surface mounting cover frames 85mm, IP21/IP44 1-gang 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). h=40mm			
white	1721S85-84	2TKA000302G1	1/50
anthracite	1721S85-81	2TKA000298G1	1/50
aluminium	1721S85-83	2TKA000300G1	1/50


 Surface mounting cover frames 85mm, IP21/IP44 2-gang			
white	1722S85-84	2TKA000347G1	1/25
anthracite	1722S85-81	2TKA000344G1	1/25
aluminium	1722S85-83	2TKA000345G1	1/25


 Surface mounting cover frames 85mm, IP21/IP44 3-gang			
white	1723S85-84	2TKA000385G1	1/25
anthracite	1723S85-81	2TKA000383G1	1/25
aluminium	1723S85-83	2TKA000384G1	1/25

 Surface mounting cover frames 85mm, IP21/IP44 4-gang			
white	1724S85-84	2TKA000417G1	1/25
anthracite	1724S85-81	2TKA000415G1	1/25
aluminium	1724S85-83	2TKA000416G1	1/25

Product	Article-No.	Order-No.	Pack/Qty
 Surface mounting cover frames 100mm, IP21/IP44 1-gang 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). h=40mm			
white	1721S100-84	2TKA000295G1	1/50
anthracite	1721S100-81	2TKA000291G1	1/50
aluminium	1721S100-83	2TKA000293G1	1/50






 Surface mounting cover frames 100mm, IP21/IP44 2-gang			
white	1722S100-84	2TKA000342G1	1/25
anthracite	1722S100-81	2TKA000340G1	1/25
aluminium	1722S100-83	2TKA000341G1	1/25




 Surface mounting cover frames 100mm, IP21/IP44 3-gang			
white	1723S100-84	2TKA000381G1	1/25
anthracite	1723S100-81	2TKA000379G1	1/25
aluminium	1723S100-83	2TKA000380G1	1/25

 Surface mounting cover frames 100mm, IP21/IP44 4-gang			
white	1724S100-84	2TKA000413G1	1/20
anthracite	1724S100-81	2TKA000411G1	1/20
aluminium	1724S100-83	2TKA000412G1	1/20

Impressivo

KNX

Product	Article-No.	Order-No.	Pack/Qty
 Bus Coupler 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.			
	6120/12-101-500	2TKA00000219	1/10
 Switch sensor, 1/2-gang 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	6125/02-84-500	2TKA00000271	1/10
anthracite	6125/02-81-500	2TKA00000266	1/10
aluminium	6125/02-83-500	2TKA00000269	1/10
 Switch sensor, 2/4-gang 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	6126/02-84-500	2TKA00000311	1/10
anthracite	6126/02-81-500	2TKA00000297	1/10
aluminium	6126/02-83-500	2TKA00000239	1/10
 Switch sensor, 4/8-gang 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	6127/02-84-500	2TKA00000327	1/10
anthracite	6127/02-81-500	2TKA00000323	1/10
aluminium	6127/02-83-500	2TKA00000325	1/10
 Switch sensor, 3/6-gang with IR-receiver 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	6129/01-84-500	2TKA00000246	1/10
anthracite	6129/01-81-500	2TKA00000242	1/10
aluminium	6129/01-83-500	2TKA00000244	1/10

Product	Article-No.	Order-No.	Pack/Qty
 IR remote control 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.			
	6010-25	2TKA001017G1	1
 Control element, 2/4gang, with RTC multi-function/colour concept 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	6128/28-803-500	2TKA00003208	1/10
white	6128/28-84-500	2TKA00003206	1/10
anthracite	6128/28-81-500	2TKA00003204	1/10
aluminium	6128/28-83-500	2TKA00003205	1/10
 Movement detector, with manual operation 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	6122/02-84-500	2TKA00000233	1/10
anthracite	6122/02-81-500	2TKA00000229	1/10
aluminium	6122/02-83-500	2TKA00000231	1/10

Impressivo

KNX

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	6125/01-84-500	2TKA00000262	1/10
anthracite	6125/01-81-500	2TKA00000257	1/10
aluminium	6125/01-83-500	2TKA00000260	1/10

2-gang pushbuttons

white	6126/01-84-500	2TKA00000293	1/10
anthracite	6126/01-81-500	2TKA00000284	1/10
aluminium	6126/01-83-500	2TKA00000288	1/10

4-gang pushbuttons

white	6127/01-84-500	2TKA00000319	1/10
anthracite	6127/01-81-500	2TKA00000315	1/10
aluminium	6127/01-83-500	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	6122/10-84-500	2TKA00003199	1/10
anthracite	6122/10-81-500	2TKA00003197	1/10
aluminium	6122/10-83-500	2TKA00003198	1/10

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

Impressivo


KNX



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 6108/06-500	2TKA00003193	1/10
Rocker 1gang			
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	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 6108/07-500	2TKA00003194	1/10
Rocker 2gang left/right			
white	SR-2-84	2TKA00002779	1/10
anthracite	SR-2-81	2TKA00002777	1/10
aluminium	SR-2-83	2TKA00002778	1/10
	Room thermostat, heating/cooling operation 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 6108/18-500	2TKA00003196	1/10
Thermostat center plate			
white	CP-RTC-84	2TKA00002784	1/10
anthracite	CP-RTC-81	2TKA00002782	1/10
aluminium	CP-RTC-83	2TKA00002783	1/10
	Room Temperature Controller, Commercial, FM 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 6108/08-500	2TKA00003007	1/10
Center plate with cooling element			
white	6541-84	2TKA001459G1	1/10
anthracite	6541-81	2TKA001457G1	1/10
aluminium	6541-83	2TKA001458G1	1/10

Product	Article-No.	Order-No.	Pack/Qty
	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	6122/10-84-500	2TKA00003199 1/10
	anthracite	6122/10-81-500	2TKA00003197 1/10
	aluminium	6122/10-83-500	2TKA00003198 1/10
	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 2-gang 6108/06-500	2TKA00003193	1/10
Rocker 1-gang			
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10
Rocker 1-gang "lighting" symbol			
white	SRL-1-84		1/10
anthracite	SRL-1-81		1/10
aluminium	SRL-1-83		1/10
Rocker 1-gang "scene" symbol			
white	SRS-1-84		1/10
anthracite	SRS-1-81		1/10
aluminium	SRS-1-83		1/10
Rocker 1-gang "dimming" symbol			
white	SRD-1-84		1/10
anthracite	SRD-1-81		1/10
aluminium	SRD-1-83		1/10
Rocker 1-gang "blinds" symbol			
white	SRB-1-84		1/10
anthracite	SRB-1-81		1/10
aluminium	SRB-1-83		1/10

Impressivo



KNX




Product	Article-No.	Order-No.	Pack/Qty
	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 4-gang 6108/07-500	2TKA00003194	1/10
Rocker 2-gang left/right			
white	SR-2-84	2TKA00002779	1/10
anthracite	SR-2-81	2TKA00002777	1/10
aluminium	SR-2-83	2TKA00002778	1/10
Rocker 2-gang "lighting" symbol left			
white	SRL-2-L-84		1/10
anthracite	SRL-2-L-81		1/10
aluminium	SRL-2-L-83		1/10
Rocker 2-gang "scene" symbol left			
white	SRS-2-L-84		1/10
anthracite	SRS-2-L-81		1/10
aluminium	SRS-2-L-83		1/10
Rocker 2-gang "dimming" symbol left			
white	SRD-2-L-84		1/10
anthracite	SRD-2-L-81		1/10
aluminium	SRD-2-L-83		1/10
Rocker 2-gang "lighting" symbol right			
white	SRL-2-R-84		1/10
anthracite	SRL-2-R-81		1/10
aluminium	SRL-2-R-83		1/10
Rocker 2-gang "scene" symbol right			
white	SRS-2-R-84		1/10
anthracite	SRS-2-R-81		1/10
aluminium	SRS-2-R-83		1/10
Rocker 2-gang "dimming" symbol right			
white	SRD-2-R-84		1/10
anthracite	SRD-2-R-81		1/10
aluminium	SRD-2-R-83		1/10
Rocker 2-gang "blinds" symbol			
white	SRB-2-84		1/10
anthracite	SRB-2-81		1/10
aluminium	SRB-2-83		1/10

Product	Article-No.	Order-No.	Pack/Qty
	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	6122/10-84-500	2TKA00003199
anthracite	6122/10-81-500	2TKA00003197	1/10
aluminium	6122/10-83-500	2TKA00003198	1/10
	Room thermostat, heating/cooling operation 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 6108/18-500	2TKA00003196	1/10
Thermostat center plate			
white	CP-RTC-84	2TKA00002784	1/10
anthracite	CP-RTC-81	2TKA00002782	1/10
aluminium	CP-RTC-83	2TKA00002783	1/10

Impressivo


ABB-free@home


Product	Article-No.	Order-No.	Pack/Qty
	Power supply 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.		
	PS-M-64.1.1	2TKA00002701	1/10
	System Access Point 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 SAP-S-2		1/10
	External antenna for SAP-S-2 SAP-1-WL		1/10

Product	Article-No.	Order-No.	Pack/Qty
	1gang Sensor unit and different rockers		
	Sensor unit 1-gang SU-F-1.0.1	2TKA00002717	1/10
	Sensor unit 1-gang WL SU-F-1.0.1-WL		1/10
Rocker 1-gang			
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10
	2-gang Sensor unit and different rockers. Both sides of the rocker are ordered separately.		
	Sensor unit 2-gang SU-F-2.0.1	2TKA00002719	1/10
	Sensor unit 2-gang WL SU-F-2.0.1-WL		1/10
Rocker 2-gang left/right			
white	SR-2-84	2TKA00002779	1/10
anthracite	SR-2-81	2TKA00002777	1/10
aluminium	SR-2-83	2TKA00002778	1/10
	Switch actuator sensor Insert and different rockers		
	Switch actuator sensor 1/1-gang SSA-F-1.1.1	2TKA00002796	1/10
	Switch actuator sensor 1/1-gang WL SSA-F-1.1.1-WL		1/10
Rocker 1-gang			
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10

Impressivo

ABB-free@home

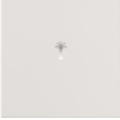
Product	Article-No.	Order-No.	Pack/Qty
 Switch actuator sensor Insert 2/1-gang, 2/2-gang and different rockers. Both sides of the rocker are ordered separately.			
Switch actuator sensor 2/1-gang	SSA-F-2.1.1	2TKA00002797	1/10
Switch actuator sensor 2/1-gang WL	SSA-F-2.1.1-WL		1/10
Switch actuator sensor 2/2-gang	SSA-F-2.2.1	2TKA00002798	1/10
Switch actuator sensor 2/2-gang WL	SSA-F-2.2.1-WL		1/10
Rocker 2-gang left/right			
white	SR-2-84	2TKA00002779	1/10
anthracite	SR-2-81	2TKA00002777	1/10
aluminium	SR-2-83	2TKA00002778	1/10

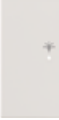
 Labeling plate Labeling plate cover plates. Useable text area is (12 x 52)mm.			
2752		2TKA00000053	10/100

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

Impressivo



ABB-free@home



Product	Article-No.	Order-No.	Pack/Qty
			
1-gang rockers with icon			
Rocker 1-gang "lighting" symbol			
white	SRL-1-84		1/10
anthracite	SRL-1-81		1/10
aluminium	SRL-1-83		1/10
Rocker 1-gang "blinds" symbol			
white	SRB-1-84		1/10
anthracite	SRB-1-81		1/10
aluminium	SRB-1-83		1/10
Rocker 1-gang "scene" symbol			
white	SRS-1-84		1/10
anthracite	SRS-1-81		1/10
aluminium	SRS-1-83		1/10
Rocker 1-gang "dimming" symbol			
white	SRD-1-84		1/10
anthracite	SRD-1-81		1/10
aluminium	SRD-1-83		1/10

Product	Article-No.	Order-No.	Pack/Qty
			
2-gang rockers with icon			
Rocker 2-gang "lighting" symbol left			
white	SRL-2-L-84		1/10
anthracite	SRL-2-L-81		1/10
aluminium	SRL-2-L-83		1/10
Rocker 2-gang "scene" symbol left			
white	SRS-2-L-84		1/10
anthracite	SRS-2-L-81		1/10
aluminium	SRS-2-L-83		1/10
Rocker 2-gang "dimming" symbol left			
white	SRD-2-L-84		1/10
anthracite	SRD-2-L-81		1/10
aluminium	SRD-2-L-83		1/10
Rocker 2-gang "lighting" symbol right			
white	SRL-2-R-84		1/10
anthracite	SRL-2-R-81		1/10
aluminium	SRL-2-R-83		1/10
Rocker 2-gang "scene" symbol right			
white	SRS-2-R-84		1/10
anthracite	SRS-2-R-81		1/10
aluminium	SRS-2-R-83		1/10
Rocker 2-gang "dimming" symbol right			
white	SRD-2-R-84		1/10
anthracite	SRD-2-R-81		1/10
aluminium	SRD-2-R-83		1/10
Rocker 2-gang "blinds" symbol			
white	SRB-2-84		1/10
anthracite	SRB-2-81		1/10
aluminium	SRB-2-83		1/10

Impressivo



ABB-free@home

Product	Article-No.	Order-No.	Pack/Qty
	Dimming actuator 4gang 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 DA-M-0.4.2	2TKA00002715	1
	Compensator 6596	2TKA00002992	1
	Dim actuator sensor 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 SDA-F-1.1.1	2TKA00002800	1/10
	Dimmer 1/1-gang WL SDA-F-1.1.1-WL		1/10
Rocker 1-gang			
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10
	Compensator 6596	2TKA00002992	1
Dimmer 2/1-gang			
	SDA-F-2.1.1	2TKA00002801	1/10
	Dimmer 2/1-gang WL SDA-F-2.1.1-WL		1/10
Rocker 2-gang left/right			
white	SR-2-84	2TKA00002779	1/10
anthracite	SR-2-81	2TKA00002777	1/10
aluminium	SR-2-83	2TKA00002778	1/10

Product	Article-No.	Order-No.	Pack/Qty
	Movement detector For automatic switching of ABB-free@home® actuators dependent on movement and brightness.		
	white	MD-F-1.0.1-84	2TKA00002773 1/10
	anthracite	MD-F-1.0.1-81	2TKA00002771 1/10
	aluminium	MD-F-1.0.1-83	2TKA00002772 1/10
	Movement detector/switch actuator 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	MSA-F-1.1.1-84	2TKA00002805 1/10
	anthracite	MSA-F-1.1.1-81	2TKA00002803 1/10
	aluminium	MSA-F-1.1.1-83	2TKA00002804 1/10

Impressivo

ABB-free@home

Product	Article-No.	Order-No.	Pack/Qty
 Room temperature controller 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			
RTC-F-1	2TKA00002780	1/10	
Thermostat insert WL			
RTC-F-1-WL		1/10	
Thermostat insert 1-gang WL			
RTC-F-2.1.1-WL		1/10	
DP4-T-1	2TKA00003293	1/10	
DP4-1-611	2TKA00003291	1/10	
Flush-mounted installation box for 4,3" Touch panel ABB-free@home®			
DP4-F	2TKA00003295	1/10	
Thermostat center plate			
white	CP-RTC-84	2TKA00002784	1/10
anthracite	CP-RTC-81	2TKA00002782	1/10
aluminium	CP-RTC-83	2TKA00002783	1/10
Thermostat cover plate fan coil controller			
white	CP-FCC-84	2TKA00003234	1/10
anthracite	CP-FCC-81	2TKA00003232	1/10
aluminium	CP-FCC-83	2TKA00003233	1/10
4,3" Touch Panel free@home Thermostat			
anthracite	DP4-1-625	2TKA00003292	1/10
 Blind actuator sensor 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			
SBA-F-1.1.1	2TKA00002806	1/10	
Blind actuator sensor 1/1-gang WL			
SBA-F-1.1.1-WL		1/10	
Blind actuator sensor 2/1-gang			
SBA-F-2.1.1	2TKA00003051	1/10	
Blind actuator sensor 2/1-gang WL			
SBA-F-2.1.1-WL		1/10	
Rocker 1-gang			
white	SR-1-84	2TKA00002776	1/10
anthracite	SR-1-81	2TKA00002774	1/10
aluminium	SR-1-83	2TKA00002775	1/10
Rocker 1-gang "blinds" symbol			
white	SRB-1-84		1/10
anthracite	SRB-1-81		1/10
aluminium	SRB-1-83		1/10

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

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 ivory/ivory
- 04 white/creamy

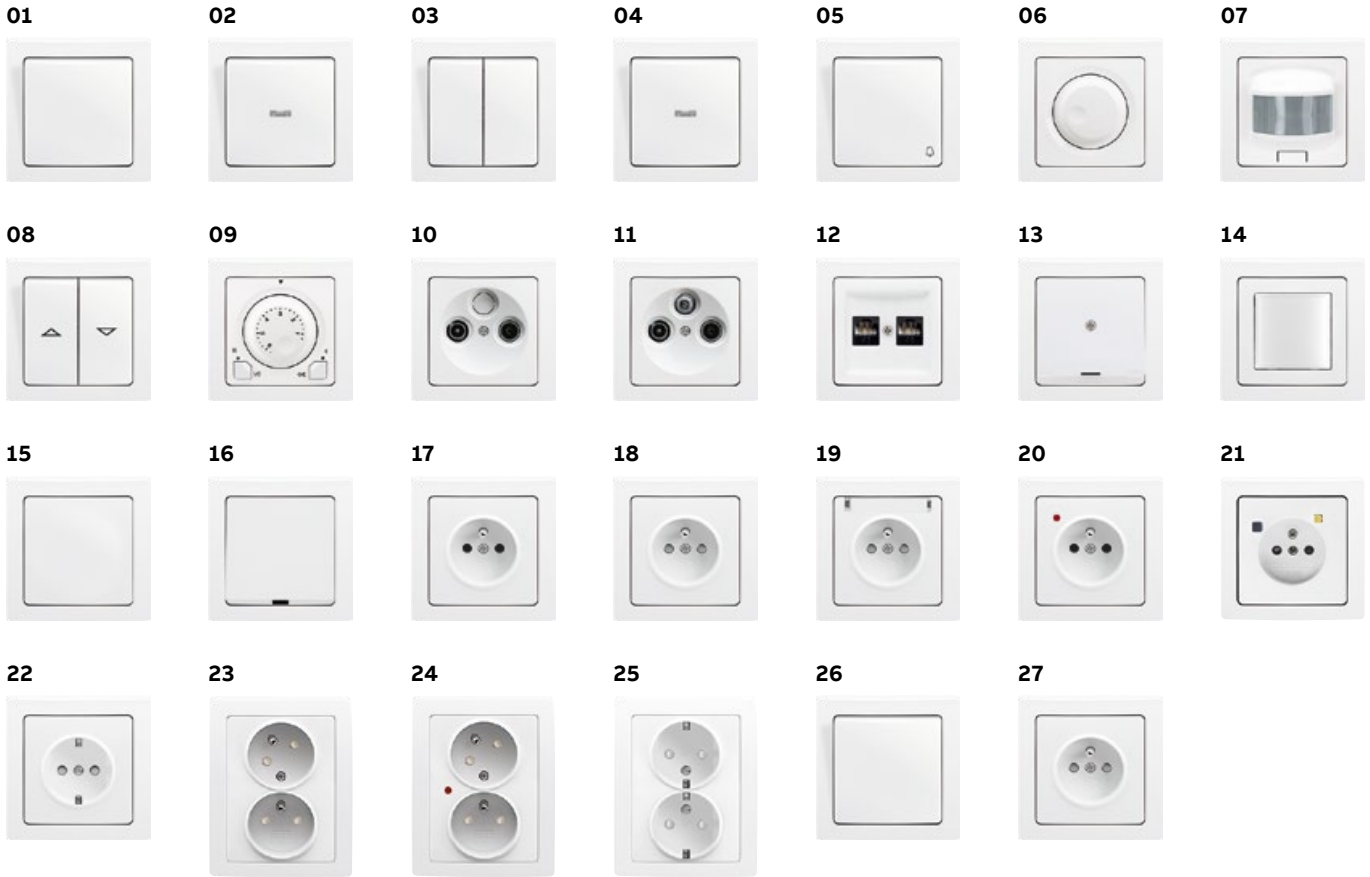
- 05 white/mocca
- 06 white/brick colour



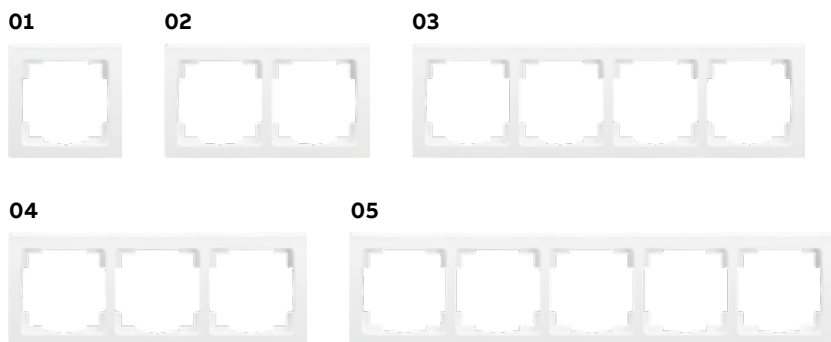
Ideal for blocks of flats and refurbishment projects, due to the small installation depth

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
	Rocker switch mechanism, 1-gang 1-way ¹⁾ With optional illumination. Screw-type terminals. Fixation via screws or claws. 10 AX, 250 V AC		
	3557-A01440	20	


¹⁾ The neon lamp and LED are not part of the switch – see page 11/384.

	Rocker switch mechanism, 1-gang 2-way ¹⁾ With optional illumination. Screw-type terminals. Fixation via screws or claws. 10 AX, 250 V AC		
	3557-A06440	20	


¹⁾ The neon lamp and LED are not part of the switch – see page 11/384.

	Rocker switch mechanism, intermediate ¹⁾ With optional illumination. Screw-type terminals. Fixation via screws or claws. 10 AX, 250 V AC		
	3557-A07440	20	


¹⁾ The neon lamp and LED are not part of the switch – see page 11/384.


	Rocker switch mechanism, DP 1-gang 1-way ¹⁾ Screw-type terminals. Fixation via screws or claws. 10 AX, 250 V AC		
	3557-A02442	20	

¹⁾ The neon lamp and LED are not part of the switch – see page 11/384.


	Rocker switch mechanism, 2-gang 1-way ¹⁾ With optional illumination. Screw-type terminals. Fixation via screws or claws. 10 AX, 250 V AC		
	3557-A05440	20	

¹⁾ The neon lamp and LED are not part of the switch – see page 11/384.


	Rocker switch mechanism, 2-gang 2-way Screw-type terminals. Fixation via screws or claws. 10 AX, 250 V AC		
	3557-A52440	20	



	Rocker push-switch mechanism, 1-gang 1-way ¹⁾ With optional illumination. Screw-type terminals. Fixation via screws or claws. 10 A, 250 V AC		
	3557-A80440	20	



¹⁾ The neon lamp and LED are not part of the switch – see page 11/384.


Product	Article-No.	Order-No.	Pack/Qty
	Rocker push-switch mechanism, 1-gang 1-way, with N terminal ¹⁾ With optional illumination. Screw-type terminals. Fixation via screws or claws. 10 A, 250 V AC		
	3557-A91440	20	


¹⁾ The neon lamp and LED are not part of the switch – see page 11/384.

	Rocker For switches 1g1w, 1g2w, intermediate. For 1g1w push-switch.		
white	3557G-A00651 B1	20	
ivory	3557G-A00651 C2	20	

	Rocker with doorbell symbol  For 1g1w push-switch.		
white	3557G-A00680 B1	20	
ivory	3557G-A00680 C2	20	


	Rocker with light symbol  For 1g1w push-switch.		
white	3557G-A00690 B1	20	
ivory	3557G-A00690 C2	20	

	Rocker divided For switches 2g1w, 2g2w.		
white	3557G-A00652 B1	20	
ivory	3557G-A00652 C2	20	








	Rocker with transparent lens For switches 1g1w, 1g2w, intermediate, 1g1w DP with orientation or indication neon lamp. For 1g1w push-switch with orientation or indication neon lamp.		
white	3557G-A00653 B1	20	
ivory	3557G-A00653 C2	20	



Swing®L

Rocker switches / push switches

Product	Article-No.	Order-No.	Pack/Qty
 Rocker divided, with transparent lens For 2g1w switch with orientation neon lamp.			
white		3557G-A00654 B1	20
ivory		3557G-A00654 C2	20

Dimmers

Product	Article-No.	Order-No.	Pack/Qty
 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ ⁷⁾ 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 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      			
6523 U-102-500		2CKA006512A0335	1/10

 Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ ⁷⁾ UP, LED, 2-400 W 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      			
6523 UR-103-500		2CKA006512A0345	1/10

¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate.

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

³⁾ In case of electronic transformers, 5 % transformer losses.

⁴⁾ Also applicable for 1gang 2way installations.



⁵⁾ Provided with terminal for net disconnection devices.

⁶⁾ 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)



⁷⁾ Recommendation: Please use loads and types of one producer.

Swing®L

Dimmers




Product	Article-No.	Order-No.	Pack/Qty
	Rotary control dimmer insert with switch-on at minimal brightness level⁹⁾ With cover plate fastening nut. For  also for certain 230 V AC compact fluorescent lamps with screw cap (energy saving lamps), designed for dimming (using leading-edge phase control). min. 60 W, max. 400 W for vacuum and halogen lamps, 230 V AC min. 10 W, max. 80 W for dimmable compact fluorescent lamps, 230 V AC		
	2200 U-503	6514-0-0111	1

⁹⁾ At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.

	Rotary control dimmer insert with ON/OFF soft-catch^{9) 13)} For  also for certain 230 V AC compact fluorescent lamps with screw cap (energy saving lamps), designed for dimming (using the leading-edge phase control). Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible). min. 60 W, max. 600 W for vacuum and halogen lamps, 230 V AC min. 10 W, max. 100 W for dimmable compact fluorescent lamps, 230 V AC		
	2250 U	6515-0-0704	1

⁹⁾ At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.




¹³⁾ A neon lamp can be used for orientation illumination (more detailed information is given in switch range chapters).

	Rotary control dimmer insert with ON/OFF soft-catch^{9) 13)} For   ¹¹⁾ ; also for certain compact fluorescent lamps for 230 V AC with screw cap (energy saving lamps), designed for dimming (using the leading-edge phase control). Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible). min. 20 W/V-A, max. 500 W/V-A, for 230 V or ELV lamps, 230 V AC min. 5 W, max. 100 W for dimmable compact fluorescent lamps, 230 V AC		
	2247 U	6512-0-0057	1

⁹⁾ At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.

¹¹⁾ With conventional transformers, take ~20 % transformer losses into account.




¹³⁾ A neon lamp can be used for orientation illumination (more detailed information is given in switch range chapters).

	Rotary control dimmer insert with ON/OFF soft-catch^{9) 13)} Short-circuit and overload electronic protection. Minimum brightness setting option. For   ¹¹⁾ Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible). min. 200 W/V-A, max. 700 W/V-A, 230 V AC		
	6520 U-500	6520-0-0227	1

⁹⁾ At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.

¹¹⁾ With conventional transformers, take ~20 % transformer losses into account.




¹³⁾ 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
	Rotary control dimmer insert with switch-on at minimal brightness level, combined with ON/OFF soft-catch^{9) 13)} For   ¹¹⁾ The switching part of the insert can be combined with 1g2w or 1g2w/intermediate switches. The dimmed output is independent on the switch. Switch: 6 A; dimmer: min. 60 W/V-A, max. 400 W/V-A, 230 V AC		
	6517 U-101-500	6517-0-0018	1

⁹⁾ At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.

¹¹⁾ With conventional transformers, take ~20 % transformer losses into account.

¹³⁾ A neon lamp can be used for orientation illumination (more detailed information is given in switch range chapters).



	Rotary control dimmer insert with ON/OFF soft-catch^{9) 13)} Short-circuit and overload electronic protection. For   ¹²⁾ Can be combined with 1g2w or 1g2w/intermediate switches (for ON/OFF operation only, brightness control is not possible). min. 40 W/V-A, max. 420 W/V-A, 230 V AC		
	6513 U-102	6513-0-0568	1

⁹⁾ At ambient temperature higher than 35 °C the load must be reduced by approx. 3 % / °C.


¹¹⁾ With conventional transformers, take ~20 % transformer losses into account.


¹²⁾ With electronic transformers, take 5 % transformer losses into account.

¹³⁾ A neon lamp can be used for orientation illumination (more detailed information is given in switch range chapters).

	Electronic potentiometer insert for 1 -10 V electronics ballasts, for rotary control and switch-on at minimal brightness level For  or for LED control via electronic ballast with 1 - 10 V interface. Max. control current: 50 mA DC Potential-free contact for switching the ballast power supply. It is recommended to use a relay for more than 5 ballasts. 4 A (cos ϕ = 0.9), 3 A (cos ϕ = 0.5) 700 W/V-A, 230 V AC, 50/60 Hz		
	2112 U-101	6599-0-2035	1

Swing®L
Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	DALI Power-potentiometer insert, with rotary control and ON/OFF push operation		
	<p>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).</p> <p>Short-circuit and overload electronic protection.</p> <p>DALI cable length: max. 300 m (cores' cross section 1.5 to 2.5 mm²).</p> <p>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).</p> <p>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).</p> <p>In passive mode the insert behaves as an additional control unit.</p> <p>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.</p> <p>Power consumption: max. 2.5 W</p> <p>4-wire connection in active mode, 2-wire connection in passive mode 230 V AC, 50/60 Hz</p>		
	2117/11 U-500	6599-0-2988	1



DALI potentiometer insert, with rotary control and ON/OFF push operation

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). An additional DALI power supply is needed (e.g. by Tridonic, Philips, Helvar, or the DALI power-potentiometer 6599-0-2988).

Current consumption: 7 - 15 mA

The insert is polarity-reversal proof.

DALI cable length: max. 300 m (cores' cross section 1.5 to 2.5 mm²)

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).

Up to five potentiometers may be connected in parallel.

The insert is not suitable for combination with other DALI sensors.

2-wire connection






2117 U-500	6599-0-2987	1
-------------------	-------------	---

Cover plate for rotary dimmer¹⁶⁾
 With fastening nut.
 With two types of button
 (for 6514-0-0111 and other devices).


white	3294G-A00125 B1	5
ivory	3294G-A00125 C2	5/1

¹⁶⁾ Cover illumination with neon lamp or LED is not possible.


Movement detectors

Product	Article-No.	Order-No.	Pack/Qty
	<p>Switch insert for movement detector</p> <p>Switching element: relay</p> <p>Operating temperature: -10 °C to +55 °C</p> <p>2 300 W for , 1 750 V-A for  ,</p> <p>500 V-A / 64 µF pro  (44)</p> <p>For easy connection, terminal N is doubled.</p> <p>3-wire connection, 230 VAC</p>	3299U-A00006	1


⁴⁴⁾ Also for example, for compact 230 V AC lamps (so-called CFL bulbs) or luminaires with LED.

	<p>Switch insert for movement detector</p> <p>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)</p> <p>Operating temperature: -10°C to $+55^{\circ}\text{C}$</p> <p>Max. 3 A ($\cos \phi > 0,8$) ⁽⁴⁴⁾</p> <p>One spare fuse is inserted in the fuse box.</p> <p>4-wire connection, 230 VAC</p>
	<p>3299U-A00005 1</p>

⁴⁴⁾ Also for example, for compact 230 V AC lamps (so-called CFL bulbs) or luminaires with LED.


	<p>Switch insert for movement detector</p> <p>Switching element: triac</p> <p>5 s before switching off the brightness is reduced</p> <p>Operating temperature: -10 °C to +55 °C</p> <p>40 - 300 W pro ☆</p> <p>One spare fuse is inserted in the fuse box.</p> <p>2-wire connection, 230 V AC</p>
	<p>3299U-A00001 1</p>

³⁶⁾ Parallel connection of devices is not allowed. Can not be used for non-ohmic loads (control coils, fluorescent relays, LEDs, etc.).


	Movement detector Detection angle: approx. 180° Adjustable values (on the back of the cover): lighting threshold (1 - 1000 lx); sensitivity; switch-off delay (5 sec - 10 min, or 15 / 30 / 45 / 60 min by pressing integrated button) Operating temperature: -10 °C to +55 °C Need to be used together with a switch insert for movement detector.	
white	3299G-A02180 B1	1
ivory	3299G-A02180 C2	1

Swing®L


Blind control

Product	Article-No.	Order-No.	Pack/Qty
 Blind rocker switch mechanism ³⁾ 1-gang 1-way switch 10 AX, 250 V AC Screwless terminals. Fixation via screws or claws.			
		3557-A89440	20


³⁾ A neon lamp or LED cannot be used.


 Blind rocker switch mechanism ³⁾ 1-gang 1-way push-switch 10 A, 250 V AC Screwless terminals. Fixation via screws or claws.			
		3557-A88440	20


³⁾ A neon lamp or LED cannot be used.


 Blind switch rocker with markings For 2g1w blind switch with interlock. For 2g1w blind push-switch with interlock.			
	white	3557G-A00662 B1	20
	ivory	3557G-A00662 C2	20


Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 Socket outlet with earthing pin, shuttered Screw-type terminals. Fixation via screws or claws. IP 40 16 A, 250 V AC			
	white	5518G-A02459 B1	10
	ivory	5518G-A02459 C2	10

 Socket outlet with earthing pin Screw-type terminals. Fixation via screws or claws. 16 A, 250 V AC			
	white	5518G-A02449 B1	10
	ivory	5518G-A02449 C2	10

 Socket outlet with earthing pin, shuttered, with labelling field Screw-type terminals. Fixation via screws or claws. IP 40 16 A, 250 V AC			
	white	5518G-A02452 B1	10
	ivory	5518G-A02452 C2	10/1

 Double socket outlet with earthing pins, shuttered, semiflush-mounted Screw-type terminals. Fixation via screws only. 16 A, 250 V AC			
		5512J-C02259 B1	10

 Double socket outlet with earthing pins, shuttered, with turned upper cavity Screwless terminals. Fixation via screws only. IP 40 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

 Socket outlet with earthing pin, with surge protection Optical fault signalling. Screw-type terminals. Fixation via screws only. 16 A, 230 V AC			
	white	5598G-A02349 B1	1
	ivory	5598G-A02349 C2	1

Swing®L

Socket outlets

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



Double socket outlet with earthing pins, shuttered, with turned upper cavity, with surge protection

Optical fault signalling.
Screwless terminals.
Fixation via screws only.
IP 40
16 A, 230 V AC

white	5593J-C02357 B1	1
white / creamy	5593J-C02357 B1C1	1
white / ivory	5593J-C02357 B1C2	1
white / mocca	5593J-C02357 B1C3	1
white / light grey	5593J-C02357 B1S1	1
white / brick colour	5593J-C02357 B1R3	1



Safety socket with earthing pin, with built-in RCD, with shutters

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
Trip time at $5 \times I_{\Delta n}$: max. 30 ms
Rated short-circuit current: 3000 A
Impulse current resistance: 3,000 A, 8/20 μ s
Ambient temperature: -25 °C to +40 °C
Degree of protection: IP 20
Climatic resistance: in accordance with ČSN EN 61008-1
Connection cross-section: 1.5 to 2.5 mm²
Built-in depth: 32 mm
Additional sockets can be connected to terminals L', N' they will also be under the control of the current protector.
Screwless terminals.
16 A, 230 V AC

white	5526G-A02369 B1	1
ivory	5526G-A02369 C1	1



Socket outlet with earthing contacts, shuttered

Screw-type terminals.
Fixation via screws or claws.
16 A, 250 V AC
Screwless terminals.
Fixation via screws or claws.
16 A, 250 V AC

white	5520G-A03457 B1	10/1
ivory	5520G-A03457 C2	10/1



Socket outlet with earthing contacts, shuttered

Screw-type terminals.
Fixation via screws or claws.
16 A, 250 V AC
Screw-type terminals.
Fixation via screws or claws.
16 A, 250 V AC

white	5518G-A03459 B1	10
ivory	5518G-A03459 C2	10

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



Socket outlet with earthing contacts

Screw-type terminals.
Fixation via screws or claws.
16 A, 250 V AC

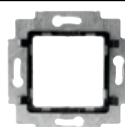
white	5518G-A03449 B1	10
ivory	5518G-A03449 C2	10



Double socket outlet with earthing contacts, shuttered

Screw-type terminals.
Fixation via screws or claws.
16 A, 250 V AC

white	5512J-C03459 B1	10
ivory	5512J-C03459 C2	10



Adapter for Profi I 45 inserts

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




Socket outlet 45x45 with earthing pin


Only for 2x 1.5 mm² or 2x 2.5 mm² conductors.
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
 Radio/TV socket outlet insert – terminal type (article number EU 3503) – loop-through type with 7 dB tap loss (article number EU 3607) – loop-through type with 10 dB tap loss (article number EU 3610) – loop-through type with 14 dB tap loss (article number EU 3614) Nominal impedance of inputs and outputs: 75 Ω For coaxial cables with a diameter of 3.6 to 6.8 mm. Fixation via screws or claws.	EU 3503	5011-A3503	1
	EU 3610	5011-A3610	1
	EU 3614	5011-A3614	1


 Radio/TV/SAT socket outlet insert – terminal type (article number EU 3303) Allows passage of a current of 500 mA DC and 22 kHz tone signal for LNB power supply and control. Nominal impedance of inputs and outputs: 75 Ω For coaxial cables with a diameter of 3.6 to 6.8 mm. Fixation via screws or claws.	EU 3303	5011-A3303	1
--	----------------	------------	---

 Cover plate for Radio/TV/SAT socket outlet	white	5011G-A00300 B1	10
	ivory	5011G-A00300 C2	10

 Loudspeaker terminal – black differentiation ring Cross section of connecting wires: max. 4 mm ²	white	1479190-3	10/1
--	-------	-----------	------




 Loudspeaker terminal – red differentiation ring Cross section of connecting wires: max. 4 mm ²	white	1479191-3	10/1
--	-------	-----------	------

Product	Article-No.	Order-No.	Pack/Qty
 Communication Modular-Jack insert (keystone) – 8-pole RJ 45-8 Cat. 5e (unshielded) 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).		1208.10 RJ 45-8	10



 Data communication outlet 2gang Connector socket cover With metal fastening bracket. For mounting two communication sockets type Modular Jack (keystone), blind plugs or speaker terminals (max. recommended width 18.3 mm). Hole dimensions: 19.4 x 14.8 mm	white	5014G-A02018 B1	10
	ivory	5014G-A02018 C1	10

Swing®L

Thermostats, timers




Product	Article-No.	Order-No.	Pack/Qty
	Switching unit insert for thermostats or time switch 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). Note: In the event of power failure the control unit display goes off. Operating temperature: 0 °C to +50 °C Output: potential free NO relay contact with safety galvanic isolation 16 A (cos φ = 1), 230 V AC, 3-wire connection		
	3292U-A00003		1
	Universal thermostat with rotary temperature setting Control unit (must be used with switching unit). Selectable room or floor function of the thermostat. 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). Operating temperature: 0 °C to +55 °C Room thermostat with thermal feedback: Temperature range: approx. +13 °C to +27 °C Adjustable manual temperature reduction: approx. 2 K to 8 K Hysteresis: approx. ±0.25 K Floor thermostat: Temperature setting range: approx. +15 °C to +48 °C Manual temperature reduction: approx. 4 K to 16 K Hysteresis: approx. ±0.5 K 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
	Floor heating temperature sensor For thermostat with rotary temperature setting 3292.-A10101, for programmable thermostat 3292.-A10301. Sensor element: PTC thermistor, 2 kΩ at 25 °C Cable: PVC, 4 m length Conductors: 2× 0.35 mm ² Cable head: metal, Ø 6 × 18 mm Degree of protection: IP 54		
	grey	3292U-A90100	1







LED light

Product	Article-No.	Order-No.	Pack/Qty
	Indication and orientation LED illumination insert Installation depth: 25 mm Screw-type terminals. Fixation via screws only. 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
	Cover plate for straight LED illumination or for Profi I 45 adapter For LED illumination insert. For Profi I 45 insert adapter.		
	white	5016G-A00070 B1	5/1
	ivory	5016G-A00070 C2	5/1

Swing®L





Accessories

Product	Article-No.	Order-No.	Pack/Qty
	Compensator 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). 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). 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). 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). Dimensions: Ø 22 x 25 mm. Length of wires: approx. 235 mm 250 V AC, 50 Hz		
	6596	6599-0-2290	1
	Orientation universal neon lamp For rocker switches and push-switches of 3557, 3558, 3559 series. – orange light (neon lamp collar is blue) – green light (neon lamp collar is grey) – blue light (neon lamp collar is purple)		
	orange light	3916-12221	100/10
	green light	3916-12222	100/10
	blue light	3916-12223	100/10
	Indication neon lamp For rocker switches and push-switches of 3557, 3558, 3559 series. – orange light (neon lamp collar is green)		
		3916-22221	100/10
	Universal lamp For orientation and indication illumination in doorbell circuits with extra-low voltage (for mechanisms 3557-A80440, 3559-A91445, 3559-A86445). 40 mA, 12 V AC (Article number: 8345-1) 22 mA, 24 V AC (Article number: 8337-1)		
	8345-1	1784-0-0289	100/1
	8337-1	1784-0-0032	100/1

Product	Article-No.	Order-No.	Pack/Qty
	Neon lamp, spare For dimmer cover plates with rotary control. 0.8 mA, 230 V AC		
	3855	6599-0-0518	10/1
	Fuse for electronic inserts (spare), slow cut-off characteristics T1.6A/1500 (for 6514-0-0111)		
		GT520216	10
	Fuse for electronic inserts (spare), slow cut-off characteristics T3.15A/1500 (for 6515-0-0704, 6512-0-0057, 6517-0-0018, 6560-0-1205, 3294U-A00130)		
		GT520231	10
	Fuse for electronic inserts (spare), slow cut-off characteristics T6.3A/1500 (for 6520-0-0227)		
		GT520263	10
	Fuse for electronic inserts (spare), fast cut-off characteristics F2.5A/1500 (for 3299.-A121..)		
		GF520225	10
	Fuse for electronic inserts (spare), fast cut-off characteristics F3.15A/1500 (for 3299.-A321..)		
		GF520231	10

Swing®L

Accessories

Product	Article-No.	Order-No.	Pack/Qty
 Cable outlet With strain relief. As adapter from fixed installation to flexible 3 × 1.5 mm ² - 5 × 2.5 mm ² cable. Terminal block is not included.			
white		3938G-A00034 B1	5/1
ivory		3938G-A00034 C2	5/1
 Blank plate With plastic mounting plate.			
white		3902G-A00001 B1	10
ivory		3902G-A00001 C2	10/1
 Surface mounting box For trunking distribution systems. For flush-mounted switches and semiflush-mounted double socket outlets 5512J-C02259. Internal depth: 26 mm External dimensions: 85 × 85 × 28 mm Screws for fixation of inserts included.			
white		3900J-C00001 B	10
 Surface mounting box For trunking distribution systems. For double socket outlets 5513J-C02357 .. Internal depth: 26 mm External dimensions: 85 × 109 × 28 mm Screws for fixation of inserts included.			
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
ivory	3901J-A00010 C2	20
mocca	3901J-A00010 C3	20
light grey	3901J-A00010 S1	20
brick colour	3901J-A00010 R3	20



Cover frame 2-gang

For horizontal and vertical installation.

white	3901J-A00020 B1	10
creamy	3901J-A00020 C1	10
ivory	3901J-A00020 C2	10
mocca	3901J-A00020 C3	10
light grey	3901J-A00020 S1	10
brick colour	3901J-A00020 R3	10



Cover frame 3-gang

For horizontal and vertical installation.

white	3901J-A00030 B1	10
creamy	3901J-A00030 C1	10/1
ivory	3901J-A00030 C2	10/1
mocca	3901J-A00030 C3	10/1
light grey	3901J-A00030 S1	10/1
brick colour	3901J-A00030 R3	10/1



Cover frame 4-gang

For horizontal and vertical installation.

white	3901J-A00040 B1	10
creamy	3901J-A00040 C1	10/1
ivory	3901J-A00040 C2	10/1
mocca	3901J-A00040 C3	10/1
light grey	3901J-A00040 S1	10/1
brick colour	3901J-A00040 R3	10/1

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
ivory	3901J-A00050 C2	10/1
mocca	3901J-A00050 C3	10/1
light grey	3901J-A00050 S1	10/1
brick colour	3901J-A00050 R3	10/1

Swing®L

Flush mounted switches and socket outlets IP44

Product	Article-No.	Order-No.	Pack/Qty
	Rocker switch mechanism, 1-gang 1-way, with rocker Screw-type terminals. Fixation via screws or claws. IP 44 10 AX, 250 V AC		
	white	3557G-A01940 B1	10/1
	ivory	3557G-A01940 C2	10/1
	Rocker switch mechanism, 1-gang 2-way, with rocker Screw-type terminals. Fixation via screws or claws. IP 44 10 AX, 250 V AC		
	white	3557G-A06940 B1	10/1
	ivory	3557G-A06940 C2	10/1
	Rocker switch mechanism, intermediate, with rocker Screw-type terminals. Fixation via screws or claws. IP 44 10 AX, 250 V AC		
	white	3557G-A07940 B1	10/1
	ivory	3557G-A07940 C2	10/1
	Rocker push-switch mechanism, 1-gang 1-way, with rocker Screw-type terminals. Fixation via screws or claws. IP 44 10 A, 250 V AC		
	white	3557G-A80940 B1	10/1
	ivory	3557G-A80940 C2	10/1
	Socket outlet with earthing pin, with hinged lid ²⁶⁾ ³⁸⁾ Screw-type terminals. Fixation via screws or claws. IP 44 16 A, 250 V AC		
	white with white hinged lid)	5518G-A02989 B	10
	white (with translucent hinged lid)	5518G-A02989 B1	10
	ivory	5518G-A02989 C2	10

²⁶⁾ The insert meets the specified degree of protection when mounted on a vertical, smooth and non-porous wall.

³⁸⁾ 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.

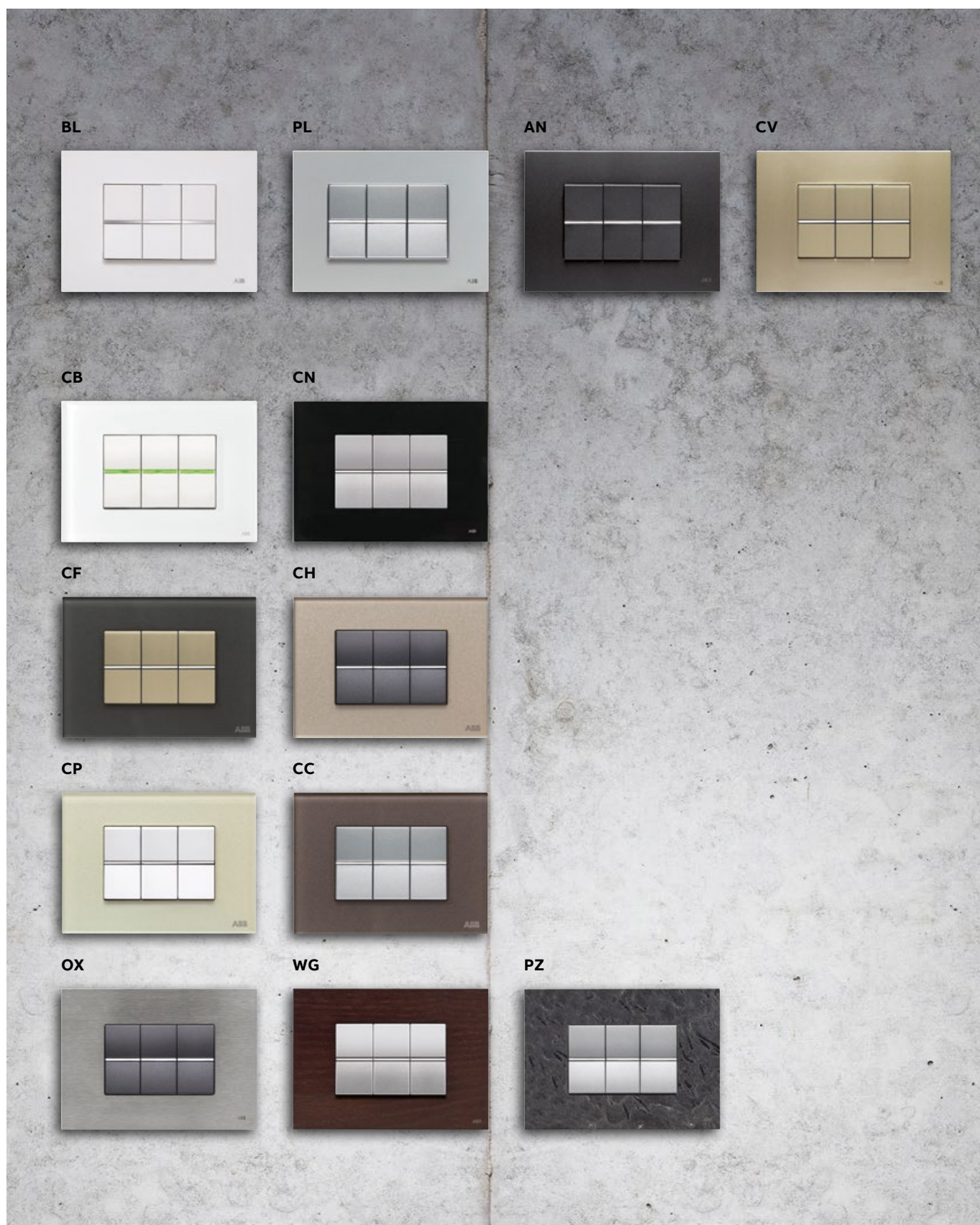


Zenit

BL White
PL Silver
AN Anthracite
CV Champagne

Zenit Noble

CB White Glass
CN Black Glass
CF Graphite Glass
CH Champagne Glass
CP Pearl Glass
CC Coffee Glass
OX Stainless Steel
WG Wenge
PZ Slate

**Zenit**

BL White
 PL Silver
 AN Anthracite
 CV Champagne

Zenit Noble

CB White Glass
 CN Black Glass
 CF Graphite Glass
 CH Champagne Glass
 CP Pearl Glass
 CC Coffee Glass
 OX Stainless Steel
 WG Wenge
 PZ Slate

Zenit

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.



Eco-design

The Zenit switch range has been
designed following the Product
Design and Development
Environmental Management
regulations: Eco-design.

Zenit

Wide range.



Display and styling trim

Lighting in green styling trim in Chrome, Anthracite, White and Champagne

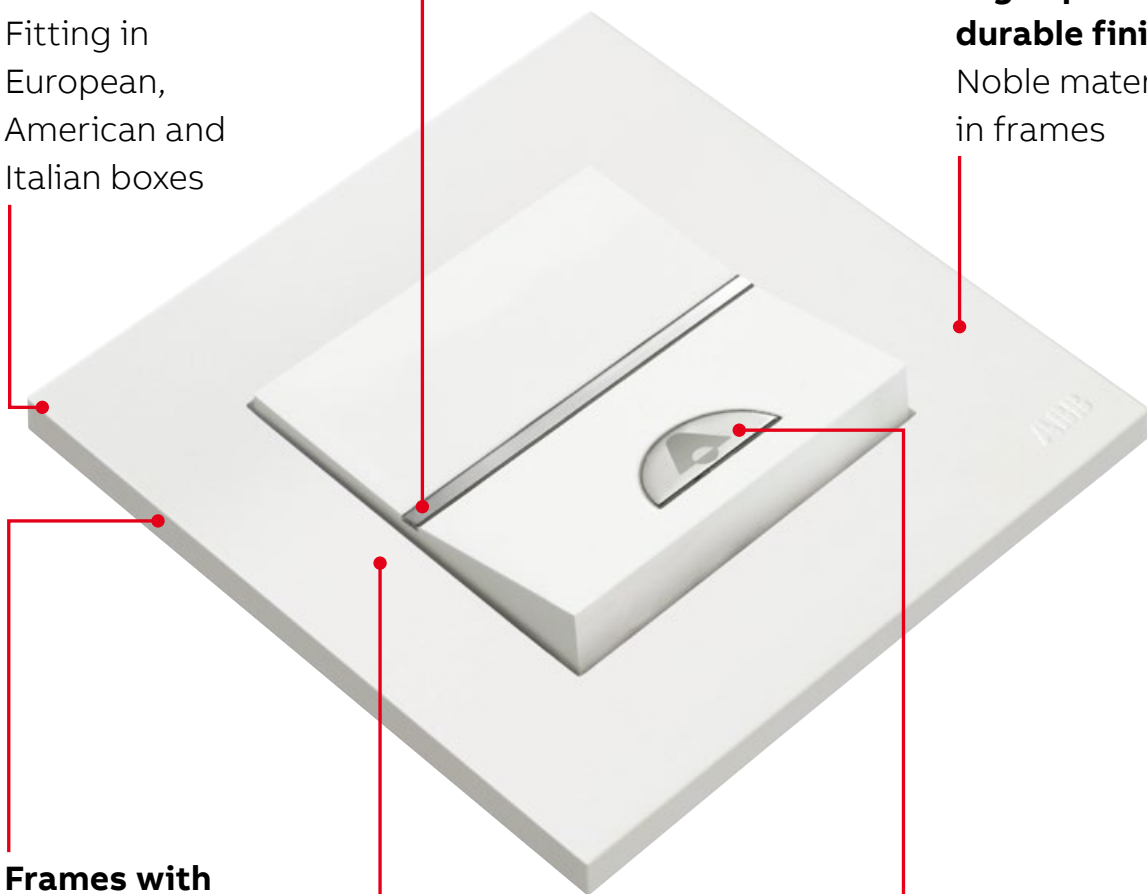


Multi-standard

Fitting in European, American and Italian boxes

High-quality and durable finishes.

Noble materials in frames



Frames with two shapes

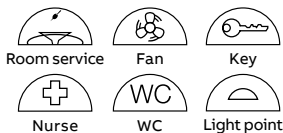
Floating effect frame. Solid effect frame.



More than 100 functions in four finishes



Symbols with backlight



Zenit

Zenit can be installed everywhere, in spaces that require new solutions, with new applications and all installation facilities.



Up to 40% savings

- Contacts with an automatic connection terminal providing ease and up to 40% savings in installation time.
- The Zenit rocker mechanisms are 16 A and they offer top quality with a reduced number of reference to stock.
- More robust and compact mechanisms to be inserted from the front.
- Designed to hold the switches firmly avoiding balancing problems.
- They have reduced depth, only 21 mm, which allows more connection space for wires.
- With larger press clamps and smoother to make the automatic connection more comfortable and safer.
- They have been manufactured with high quality and recyclable material.

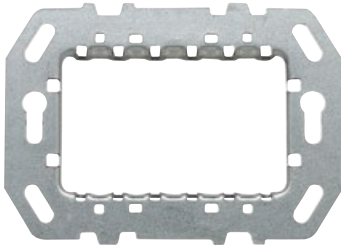


More protection

- 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.

Zenit

Benefits.



More benefits

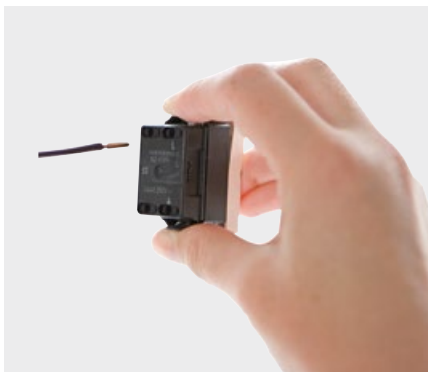
- Galvanized steel mounting plates with unique anti-corrosion treatment with top and bottom nerves for a rigid positioning of the mechanism.
- The mounting plate is supplied separately from the frame in order to create the atmosphere you want.
- Zenit mechanisms are designed so they can be removed from the front.
- Galvanized steel metal mounting plate to ensure the durability of the installation.



Less consumption

- The covers are easily removed to change the lighting pilot facilitating the installation from the front.
- In Zenit we have replaced our traditional neon pilot for a LED located in the horizontal display that emits a diffused light; it looks more attractive; it consumes less energy and lasts 10 years.

Automatic connection



1. Strip the cable about 14 mm and introduce it into the terminal.



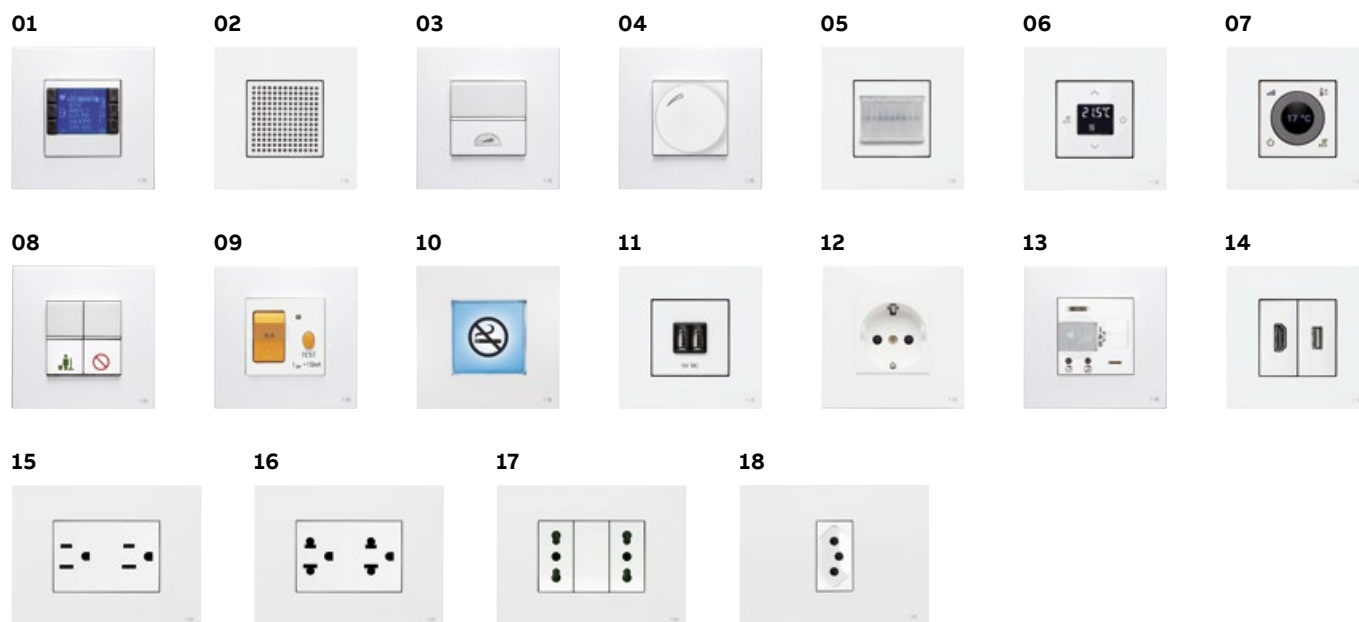
2. Press the push button and insert the cable.



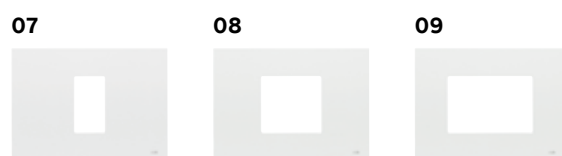
3. Release the push button and check fixation. To disconnect the cord, press again the push button on top and bottom.

Zenit

Selected functions.



- | | | |
|-------------------------------------|--------------------------|--------------------------------------|
| 01 Stand-alone FM radio and alarm | 07 KNX room thermostat | 13 Movement detector |
| 02 Loudspeaker 2" | 08 DND/MUR switch | 14 VDI connectors (HDMI+USB) |
| 03 Universal push dimmer | 09 RCD circuit breaker | 15 Nema duplex socket outlet |
| 04 LED rotary dimmer | 10 Orientation light | 16 Euroamerican duplex socket outlet |
| 05 ABB-free@home® movement detector | 11 USB charger | 17 Italian 16A socket outlet |
| 06 ABB-free@home® room thermostat | 12 SCHUKO® socket outlet | 18 Brazilian 20A socket outlet |



1- to 5-gang cover frame for horizontal and vertical installation

- 01 Side view, 7,5 x 85 mm
- 02 Frame 2 modules, 85 x 85 mm
- 03 Frame 2 + 2 modules, 156 x 85 mm
- 04 Frame 2 + 2 + 2 modules, 227 x 85 mm
- 05 Frame 2 + 2 + 2 + 2 modules, 298 x 85 mm
- 06 Frame 2 + 2 + 2 + 2 + 2 modules, 369 x 85 mm

1 to 7 modules cover frame for horizontal and vertical installation

- 07 Frame 1 module, 117 x 85 mm
- 08 Frame 2 modules, 117 x 85 mm
- 09 Frame 3 modules, 117 x 85 mm
- 10 Frame 4 modules, 139 x 85 mm
- 11 Frame 7 modules, 205 x 85 mm

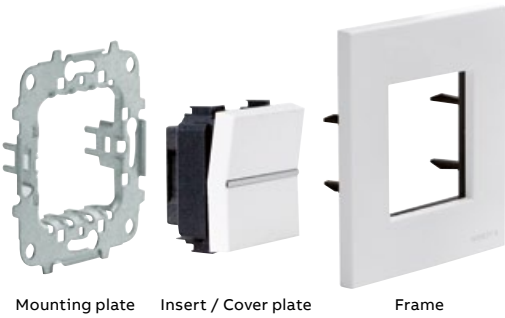


Zenit

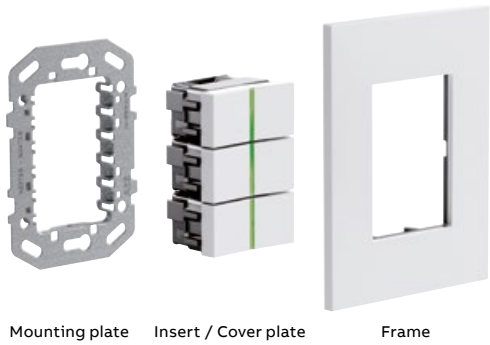
Easy and intuitive installation system.



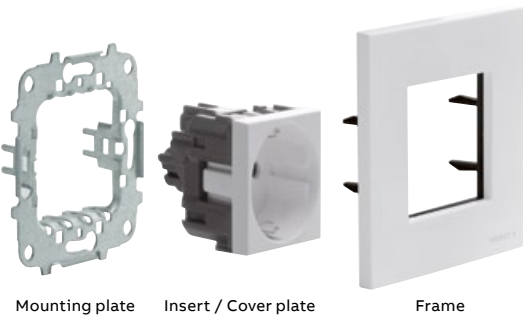
Switch composition in square box



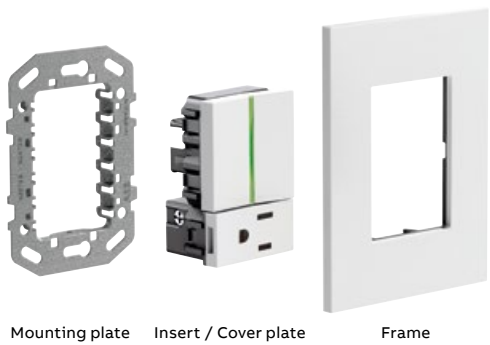
Switch composition in rectangular box



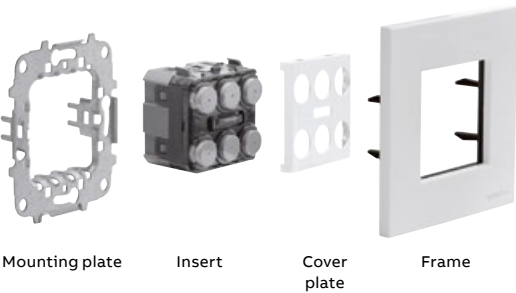
Schuko socket outlet composition in square box



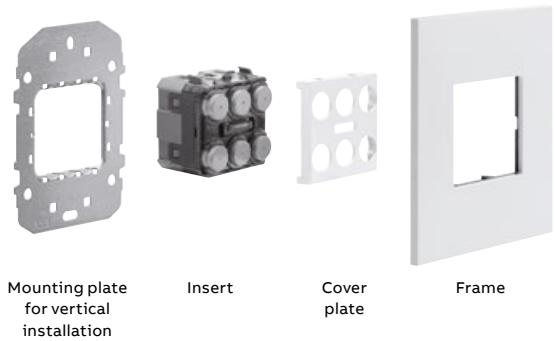
NEMA socket outlet composition in rectangular box



KNX and free@home sensor composition in square box







KNX and free@home sensor composition in rectangular box







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

Zenit

1-way switches





Color	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, 1-way, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2191 BL (127 Vac) or N2191 VD (230 Vac).			
White	N2101 BL	2CLA210100N1101	20
Silver	N2101 PL	2CLA210100N1301	20
Anthracite	N2101 AN	2CLA210100N1801	20
Champagne	N2101 CV	2CLA210100N1901	20
 Switch 1-gang, 1-way, SP - 1,5 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2191.1 BL (127 Vac).			
White	N2801 BL	2CLA280100N1101	10
Silver	N2801 PL	2CLA280100N1301	10
Anthracite	N2801 AN	2CLA280100N1801	10
Champagne	N2801 CV	2CLA280100N1901	10
 Switch 1-gang, 1-way, SP - 2 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2191.1 BL (127 Vac) or N2191 VD (230 Vac).			
White	N2201 BL	2CLA220100N1101	10
Silver	N2201 PL	2CLA220100N1301	10
Anthracite	N2201 AN	2CLA220100N1801	10
Champagne	N2201 CV	2CLA220100N1901	10
 Switch 1-gang, 1-way, SP - 3 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2191.1 BL (127 Vac).			
White	N2301 BL	2CLA230100N1101	10
Silver	N2301 PL	2CLA230100N1301	10
Anthracite	N2301 AN	2CLA230100N1801	10
Champagne	N2301 CV	2CLA230100N1901	10

2-way switches





Color	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, 2-way, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192 NG (127 Vac) or N2192 RJ (230 Vac).			
White	N2102 BL	2CLA210200N1101	20
Silver	N2102 PL	2CLA210200N1301	20
Anthracite	N2102 AN	2CLA210200N1801	20
Champagne	N2102 CV	2CLA210200N1901	20
 Switch 1-gang, 2-way, SP - 1,5 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192.1 NG (127 Vac).			
White	N2802 BL	2CLA280200N1101	10
Silver	N2802 PL	2CLA280200N1301	10
Anthracite	N2802 AN	2CLA280200N1801	10
Champagne	N2802 CV	2CLA280200N1901	10
 Switch 1-gang, 2-way, SP - 2 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192.1 NG (127 Vac) or N2192 RJ (230 Vac).			
White	N2202 BL	2CLA220200N1101	10
Silver	N2202 PL	2CLA220200N1301	10
Anthracite	N2202 AN	2CLA220200N1801	10
Champagne	N2202 CV	2CLA220200N1901	10
 Switch 1-gang, 2-way, SP - 3 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192.1 NG (127 Vac).			
White	N2302 BL	2CLA230200N1101	10
Silver	N2302 PL	2CLA230200N1301	10
Anthracite	N2302 AN	2CLA230200N1801	10
Champagne	N2302 CV	2CLA230200N1901	10

Zenit

Intermediate switches


Color	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, intermediate, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192 NG (127 Vac) or N2192 RJ (230 Vac).			
White	N2110 BL	2CLA211000N1101	20
Silver	N2110 PL	2CLA211000N1101	20
Anthracite	N2110 AN	2CLA211000N1801	20
Champagne	N2110 CV	2CLA211000N1901	20
 Switch 1-gang, intermediate, SP - 1,5 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192.1 NG (127 Vac).			
White	N2810 BL	2CLA281000N1101	10
Silver	N2810 PL	2CLA281000N1301	10
Anthracite	N2810 AN	2CLA281000N1801	10
Champagne	N2810 CV	2CLA281000N1901	10
 Switch 1-gang, intermediate, SP - 2 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192.1 NG (127 Vac) or N2192 RJ (230 Vac).			
White	N2210 BL	2CLA221000N1101	10
Silver	N2210 PL	2CLA221000N1301	10
Anthracite	N2210 AN	2CLA221000N1801	10
Champagne	N2210 CV	2CLA221000N1901	10
 Switch 1-gang, intermediate, SP - 3 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192.1 NG (127 Vac).			
White	N2310 BL	2CLA231000N1101	10
Silver	N2310 PL	2CLA231000N1301	10
Anthracite	N2310 AN	2CLA231000N1801	10
Champagne	N2310 CV	2CLA231000N1901	10


Double pole switches


Color	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, 1-way, DP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192 NG (127 Vac) or N2192 RJ (230 Vac).			
White	N2101.2 BL	2CLA210120N1101	20
Silver	N2101.2 PL	2CLA210120N1301	20
Anthracite	N2101.2 AN	2CLA210120N1801	20
Champagne	N2101.2 CV	2CLA210120N1901	20
 Switch 1-gang, 1-way, DP - 2 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. Optional: locator LED lamp N2192.1 BL (127 Vac) or N2192 RJ (230 Vac).			
White	N2201.2 BL	2CLA220120N1101	10
Silver	N2201.2 PL	2CLA220120N1301	10
Anthracite	N2201.2 AN	2CLA220120N1801	10
Champagne	N2201.2 CV	2CLA220120N1901	10
 Switch 1-gang, 1-way, DP, 32AX - 2 M Rated voltage: 110 - 250 Vac. Rated current: 32AX. Screwless terminals.			
White	N2201.8 BL	2CLA220180N1101	5
Silver	N2201.8 PL	2CLA220180N1301	5
Anthracite	N2201.8 AN	2CLA220180N1801	5
Champagne	N2201.8 CV	2CLA220180N1901	5
 Switch 1-gang, 2-way, DP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals.			
White	N2102.2 BL	2CLA210220N1101	5
Silver	N2102.2 PL	2CLA210220N1301	5
Anthracite	N2102.2 AN	2CLA210220N1801	5
Champagne	N2102.2 CV	2CLA210220N1901	5


Zenit


Switches with indicator light


Color	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, 1-way, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. 3 wires (Neutral conductor required). Included: indicator LED lamp N2192 RJ (230 Vac).			
White	N2101.5 BL	2CLA210150N1101	5
Silver	N2101.5 PL	2CLA210150N1301	5
Anthracite	N2101.5 AN	2CLA210150N1801	5
Champagne	N2101.5 CV	2CLA210150N1901	5

 Switch 1-gang, 1-way, SP - 2 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. 3 wires (Neutral conductor required). Included: indicator LED lamp N2192 RJ (230 Vac).			
White	N2201.5 BL	2CLA220150N1101	5
Silver	N2201.5 PL	2CLA220150N1301	5
Anthracite	N2201.5 AN	2CLA220150N1801	5
Champagne	N2201.5 CV	2CLA220150N1901	5

 Switch 1-gang, 2-way, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. 4 wires (Neutral conductor required). Included: indicator LED lamp N2191 VD (230 Vac).			
White	N2102.5 BL	2CLA210250N1101	5
Silver	N2102.5 PL	2CLA210250N1301	5
Anthracite	N2102.5 AN	2CLA210250N1801	5
Champagne	N2102.5 CV	2CLA210250N1901	5


 Switch 1-gang, 2-way, SP - 2 M Rated voltage: 110 - 250 Vac. Rated current: 16AX. Screwless terminals. 4 wires (Neutral conductor required). Included: indicator LED lamp N2191 VD (230 Vac).			
White	N2202.5 BL	2CLA220250N1101	5
Silver	N2202.5 PL	2CLA220250N1301	5
Anthracite	N2202.5 AN	2CLA220250N1801	5
Champagne	N2202.5 CV	2CLA220250N1901	5


Color	Article-No.	Order-No.	Pack/Qty
 Push-button, SP without symbol - 1M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 3 wires (Neutral conductor required). Included: indicator LED lamp N2192 RJ (230 Vac).			
White	N2104.5 BL	2CLA210450N1101	5
Silver	N2104.5 PL	2CLA210450N1301	5
Anthracite	N2104.5 AN	2CLA210450N1801	5
Champagne	N2104.5 CV	2CLA210450N1901	5


 Push-button, SP without symbol - 2M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 3 wires (Neutral conductor required). Included: indicator LED lamp N2192 RJ (230 Vac).			
White	N2204.5 BL	2CLA220450N1101	5
Silver	N2204.5 PL	2CLA220450N1301	5
Anthracite	N2204.5 AN	2CLA220450N1801	5
Champagne	N2204.5 CV	2CLA220450N1901	5


Zenit


Push buttons


Color	Article-No.	Order-No.	Pack/Qty
 <p>Push-button, SP with bell symbol - 1M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Opened (NO) contact. Optional: locator LED lamp N2191 BL (127 Vac) or N2191 VD (230 Vac).</p>			
White	N2104 BL	2CLA210400N1101	20
Silver	N2104 PL	2CLA210400N1301	20
Anthracite	N2104 AN	2CLA210400N1801	20
Champagne	N2104 CV	2CLA210400N1901	20


 <p>Push-button, SP with bell symbol - 2M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Opened (NO) contact. Optional: locator LED lamp N2191.1 BL (127 Vac) or N2191 VD (230 Vac).</p>			
White	N2204 BL	2CLA220400N1101	10
Silver	N2204 PL	2CLA220400N1301	10
Anthracite	N2204 AN	2CLA220400N1801	10
Champagne	N2204 CV	2CLA220400N1901	10

 <p>Push-button, SP with bell symbol - 3M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Opened (NO) contact. Optional: locator LED lamp N2191.1 BL (127 Vac).</p>			
White	N2304 BL	2CLA230400N1101	10
Silver	N2304 PL	2CLA230400N1301	10
Anthracite	N2304 AN	2CLA230400N1801	10
Champagne	N2304 CV	2CLA230400N1901	10

Color	Article-No.	Order-No.	Pack/Qty
 <p>Push-button, SP with light symbol - 1M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Opened (NO) contact. Optional: locator LED lamp N2191 BL (127 Vac) or N2191 VD (230 Vac).</p>			
White	N2104.2 BL	2CLA210420N1101	20
Silver	N2104.2 PL	2CLA210420N1301	20
Anthracite	N2104.2 AN	2CLA210420N1801	20
Champagne	N2104.2 CV	2CLA210420N1901	20


 <p>Push-button, SP with light symbol - 2M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Opened (NO) contact. Optional: locator LED lamp N2191.1 BL (127 Vac) or N2191 VD (230 Vac).</p>			
White	N2204.2 BL	2CLA220420N1101	10
Silver	N2204.2 PL	2CLA220420N1301	10
Anthracite	N2204.2 AN	2CLA220420N1801	10
Champagne	N2204.2 CV	2CLA220420N1901	10


 <p>Push-button, NC, SP without symbol - 1M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Closed (NC) contact. Locator lamp option not available.</p>			
White	N2104.6 BL	2CLA210460N1101	5
Silver	N2104.6 PL	2CLA210460N1301	5
Anthracite	N2104.6 AN	2CLA210460N1801	5
Champagne	N2104.6 CV	2CLA210460N1901	5


 <p>Push-button, NC, SP without symbol - 2M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Closed (NC) contact Locator lamp option not available.</p>			
White	N2204.6 BL	2CLA220460N1101	5
Silver	N2204.6 PL	2CLA220460N1301	5
Anthracite	N2204.6 AN	2CLA220460N1801	5
Champagne	N2204.6 CV	2CLA220460N1901	5

Zenit


Push buttons


Color	Article-No.	Order-No.	Pack/Qty
 <p>Push-button, SP without symbol - 1M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Opened (NO) contact. Optional: locator LED lamp N2191 BL (127 Vac) or N2191 VD (230 Vac).</p>			
White	N2104.7 BL	2CLA210470N1101	20
Silver	N2104.7 PL	2CLA210470N1301	20
Anthracite	N2104.7 AN	2CLA210470N1801	20
Champagne	N2104.7 CV	2CLA210470N1901	20


 <p>Push-button, SP without symbol - 2M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Opened (NO) contact. Optional: locator LED lamp N2191.1 BL (127 Vac) or N2191 VD (230 Vac).</p>			
White	N2204.7 BL	2CLA220470N1101	10
Silver	N2204.7 PL	2CLA220470N1301	10
Anthracite	N2204.7 AN	2CLA220470N1801	10
Champagne	N2204.7 CV	2CLA220470N1901	10

 <p>Push-button, SP with label holder - 2M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. 1-gang, 1-way - Normally Opened (NO) contact. Optional: locator LED lamp N2191.1 BL (127 Vac) or N2191 VD (230 Vac).</p>			
White	N2204.8 BL	2CLA220480N1101	10
Silver	N2204.8 PL	2CLA220480N1301	10
Anthracite	N2204.8 AN	2CLA220480N1801	10
Champagne	N2204.8 CV	2CLA220480N1901	10

Rocker covers with symbol

Color	Article-No.	Order-No.	Pack/Qty
 <p>Rocker cover with symbol housing - 1M Spare rocker cover with housing for N2004.X symbols. Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts.</p>			
White	N2101.9 BL	2CLA210190N1101	10
Silver	N2101.9 PL	2CLA210190N1301	10
Anthracite	N2101.9 AN	2CLA210190N1801	10
Champagne	N2101.9 CV	2CLA210190N1901	10

 <p>Rocker cover with symbol housing - 2M Spare rocker cover with housing for N2004.X symbols. Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts.</p>			
White	N2201.9 BL	2CLA220190N1101	10
Silver	N2201.9 PL	2CLA220190N1301	10
Anthracite	N2201.9 AN	2CLA220190N1801	10
Champagne	N2201.9 CV	2CLA220190N1901	10

 <p>Rocker cover with symbol housing - 3M Spare rocker cover with housing for N2004.X symbols. Suitable for N2301, N2302, N2310 and N2304 inserts.</p>			
White	N2301.9 BL	2CLA230190N1101	5
Silver	N2301.9 PL	2CLA230190N1301	5
Anthracite	N2301.9 AN	2CLA230190N1801	5
Champagne	N2301.9 CV	2CLA230190N1901	5

Symbols



Symbols for N2X01.9 rocker covers.





Key symbol	N2004.1	2CLA200410N1101	10
Fan symbol	N2004.2	2CLA200420N1101	10
WC symbol	N2004.3	2CLA200430N1101	10
Room service symbol	N2004.4	2CLA200440N1101	10
Nurse symbol	N2004.5	2CLA200450N1101	10
Dot symbol	N2004.6	2CLA200460N1101	10

Zenit

Card switches





Color	Article-No.	Order-No.	Pack/Qty
 Card switch 1-gang, 1-way, DP - 2M Rated voltage: 110 - 250 Vac. Rated current: 16AX. For 54mm width cards. Included: locator LED lamp N2193 NG (230 Vac).			
White	N2214.1 BL	2CLA221410N1101	10
Silver	N2214.1 PL	2CLA221410N1301	10
Anthracite	N2214.1 AN	2CLA221410N1801	10
Champagne	N2214.1 CV	2CLA221410N1901	10
 Card timer switch 1-gang, 1-way, SP - 2M Rated voltage: 110 - 250 Vac ; 50-60 Hz. Rated current: - Incandescent/halogen: 3.000W@230Vac / 1.600W@127Vac. - Fluorescent: 1.300VA@230Vac / 700VA@127Vac. - Electronic and ferromag. transf. and motors: 3.000VA@230Vac / 1.600VA@127Vac. For 54mm width cards. Locator LED lamp included. Time delayed switch: 5 - 90 seconds.			
White	N2214.5 BL	2CLA221450N1101	1
Silver	N2214.5 PL	2CLA221450N1301	1
Anthracite	N2214.5 AN	2CLA221450N1801	1
Champagne	N2214.5 CV	2CLA221450N1901	1

Pullcord switches

 Pullcord switch 1-gang, 1-way, SP - 1M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. Cord length: 2 meters.			
White	N2148 BL	2CLA214800N1101	5
Silver	N2148 PL	2CLA214800N1301	5
Anthracite	N2148 AN	2CLA214800N1801	5
Champagne	N2148 CV	2CLA214800N1901	5
 Pullcord switch 1-gang, 1-way, SP - 2M Rated voltage: 110 - 250 Vac. Rated current: 16A. Screwless terminals. Cord length: 2 meters.			
White	N2248 BL	2CLA224800N1101	5
Silver	N2248 PL	2CLA224800N1301	5
Anthracite	N2248 AN	2CLA224800N1801	5
Champagne	N2248 CV	2CLA224800N1901	5

Zenit

Key switches

Color	Article-No.	Order-No.	Pack/Qty
 Key switch 2-way, 3 positions, SP - 1M Rated voltage: 110 - 250 Vac. Rated current: 5A. Key removable in the 3 positions. Unique key for each lock. Suitable for blinds, shutters, etc.			
White	N2153.1 BL	2CLA215310N1101	1
Silver	N2153.1 PL	2CLA215310N1301	1
Anthracite	N2153.1 AN	2CLA215310N1801	1
Champagne	N2153.1 CV	2CLA215310N1901	1
 Key switch 1-way, 2 positions, SP - 2M Rated voltage: 110 - 250 Vac. Rated current: 5A. Key removable in the 2 positions. Unique key for each lock. Suitable for alarms.			
White	N2253 BL	2CLA225300N1101	1
Silver	N2253 PL	2CLA225300N1301	1
Anthracite	N2253 AN	2CLA225300N1801	1
Champagne	N2253 CV	2CLA225300N1901	1
 Key switch 2-way, 3 positions, SP - 2M Rated voltage: 110 - 250 Vac. Rated current: 150mA. Key removable in "OFF" position. Unique key for each lock. Suitable for blinds, shutters, etc.			
White	N2253.1 BL	2CLA225310N1101	1
Silver	N2253.1 PL	2CLA225310N1301	1
Anthracite	N2253.1 AN	2CLA225310N1801	1
Champagne	N2253.1 CV	2CLA225310N1901	1
 Key push-button 1-way, 2 positions, SP - 2M Rated voltage: 110 - 250 Vac. Rated current: 5A. Key removable in "OFF" position. Unique key for each lock. Suitable for alarms.			
White	N2253.2 BL	2CLA225320N1101	1
Silver	N2253.2 PL	2CLA225320N1301	1
Anthracite	N2253.2 AN	2CLA225320N1801	1
Champagne	N2253.2 CV	2CLA225320N1901	1

Zenit

Blind controls

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Push-button blind control 1-gang - 1M

Rated voltage: 110 - 250 Vac.
Rated current: 6A.
Miniswitch.
Direct control.

White	N2144 BL	2CLA214400N1101	5
Silver	N2144 PL	2CLA214400N1301	5
Anthracite	N2144 AN	2CLA214400N1801	5
Champagne	N2144 CV	2CLA214400N1901	5



Push-button blind control 2-gangs - 2M

Rated voltage: 110 - 250 Vac.
Rated current: 16A.
Direct control.
Interlocked gangs.

White	N2244 BL	2CLA224400N1101	5
Silver	N2244 PL	2CLA224400N1301	5
Anthracite	N2244 AN	2CLA224400N1801	5
Champagne	N2244 CV	2CLA224400N1901	5



Switch blind control 1-gang - 1M

Rated voltage: 110 - 250 Vac.
Rated current: 6A.
Miniswitch.
Direct control.

White	N2144.1 BL	2CLA214410N1101	5
Silver	N2144.1 PL	2CLA214410N1301	5
Anthracite	N2144.1 AN	2CLA214410N1801	5
Champagne	N2144.1 CV	2CLA214410N1901	5



Switch blind control 2-gangs - 2M

Rated voltage: 110 - 250 Vac.
Rated current: 16A.
Direct control.
Interlocked gangs.

White	N2244.1 BL	2CLA224410N1101	5
Anthracite	N2244.1 AN	2CLA224410N1301	5
Silver	N2244.1 PL	2CLA224410N1801	5
Champagne	N2244.1 CV	2CLA224410N1901	5

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Electronic blind control 1-gang - 2M




Rated voltage: 110 - 250 Vac; 50/60 Hz.
Rated current: 700VA@230Vac / 350VA@127Vac.
Direct control.
Functions:

- PERS: standard blinds control. Optionally other N2244 inserts can be connected to the N2261.2 to control the blind from other locations.
- LAM: venetian type blinds control. Optionally other N2244 inserts can be connected to the N2261.2 to control the blind from other locations.
- Centralization (CEN): one N2261.2 can control all the N2261.2 centrally.





White	N2261.2 BL	2CLA226120N1101	1
Silver	N2261.2 PL	2CLA226120N1301	1
Anthracite	N2261.2 AN	2CLA226120N1801	1
Champagne	N2261.2 CV	2CLA226120N1901	1

Zenit

Locator & indicator lights






Voltage	Article-No.	Order-No.	Pack/Qty
 Locator LED lamp kit - Card switch Suitable for N2214.1 card switches. Green LED lamp. Toolless front connection. Rated current: <0,7 mA.			
230 Vac	N2193 NG	2CLA219310N1001	20
127 Vac	N2193 VD	2CLA219300N1001	20
 Locator LED lamp kit - 1 & 2M Suitable for 1-gang, 1-way, SP switches and 1-gang, 1-way, SP NO push-buttons. Green LED lamp. Toolless front connection. Includes diffusers for 1 and 2 module rocker covers. Rated current: <0,2 mA. Specially designed for CFL and LED lamps.			
230 Vac	N2191 VD	2CLA219100N1001	10
127 Vac	N2191 BL	2CLA219110N1001	10
 Locator LED lamp kit - 230 Vac - 1 & 2M Suitable for 1-gang, 1-way, DP switches, 1-gang, 2-ways, SP and 1-gang, intermediate switches. Green LED lamp. Toolless front connection. Includes diffusers for 1 and 2 module rocker covers. Rated current: <0,2 mA. Specially designed for CFL and LED lamps.			
230 Vac	N2192 RJ	2CLA219200N1001	10
127 Vac	N2192 NG	2CLA219210N1001	10






Decorative trims for rocker covers

Color	Article-No.	Order-No.	Pack/Qty
 Decorative trim - 1M Spare decorative trim. Suitable for N2101.X, N2102.X, N2110 and N2104.X inserts.			
Green diffuser	N2170 VD	2CLA217000N1001	20
White	N2170 BL	2CLA217000N1101	20
Anthracite	N2170 AN	2CLA217000N1401	20
Chrome	N2170 CR	2CLA217000N1801	20
Champagne	N2170 CV	2CLA217000N1901	20
 Decorative trim - 1,5M Spare decorative trim. Suitable for N2801, N2802 and N2810 inserts.			
White	N2870 BL	2CLA287000N1101	20
Anthracite	N2870 AN	2CLA287000N1801	20
Champagne	N2870 CV	2CLA287000N1901	20
 Decorative trim - 2M Spare decorative trim. Suitable for N2201.X, N2202.X, N2210 and N2204.X inserts.			
Green diffuser	N2270 VD	2CLA227000N1001	20
White	N2270 BL	2CLA227000N1101	20
Chrome	N2270 CR	2CLA227000N1401	20
Anthracite	N2270 AN	2CLA227000N1801	20
Champagne	N2270 CV	2CLA227000N1901	20
 Decorative trim - 3M Spare decorative trim. Suitable for N2301, N2302, N2310 and N2304 inserts.			
White	N2370 BL	2CLA237000N1101	20
Anthracite	N2370 AN	2CLA237000N1801	20
Champagne	N2370 CV	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	N2288 BL	2CLA228800N1101	10
Silver	N2288 PL	2CLA228800N1301	10
Anthracite	N2288 AN	2CLA228800N1801	10
Champagne	N2288 CV	2CLA228800N1901	10
 Schuko socket outlet - 2M Rated voltage: 250 Vac. Rated current: 16A. Type F: 2P + E. Shuttered for child safety. Screw terminals. Suitable to identify special circuits.			
Red	N2288 RJ	2CLA228800N7001	5
Green	N2288 VD	2CLA228800N8001	5
Orange	N2288 NA	2CLA228800N9001	5
 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	N2288.1 BL	2CLA228810N1101	10
Silver	N2288.1 PL	2CLA228810N1301	10
Anthracite	N2288.1 AN	2CLA228810N1801	10
Champagne	N2288.1 CV	2CLA228810N1901	10
 Schuko socket outlet screwless terminal - 2M Rated voltage: 250 Vac. Rated current: 16A. Type F: 2P + E. Shuttered for child safety. Screwless terminals.			
White	N2288.6 BL	2CLA228860N1101	10
Silver	N2288.6 PL	2CLA228860N1301	10
Anthracite	N2288.6 AN	2CLA228860N1801	10
Champagne	N2288.6 CV	2CLA228860N1901	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	N2203 BL	2CLA220300N1101	10
Silver	N2203 PL	2CLA220300N1301	10
Anthracite	N2203 AN	2CLA220300N1801	10
Champagne	N2203 CV	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	N2287 BL	2CLA228700N1101	10
Silver	N2287 PL	2CLA228700N1301	10
Anthracite	N2287 AN	2CLA228700N1801	10
Champagne	N2287 CV	2CLA228700N1901	10
 French/Earth-pin socket outlet - 2M Rated voltage: 250 Vac. Rated current: 16A. Type E: 2P + E. Shuttered for child safety. Screw terminals. Suitable to identify special circuits.			
Red	N2287 RJ	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	N2287.6 BL	2CLA228760N1101	10
Silver	N2287.6 PL	2CLA228760N1301	10
Anthracite	N2287.6 AN	2CLA228760N1801	10
Champagne	N2287.6 CV	2CLA228760N1901	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. Suitable to identify special circuits.			
Red	N2287.6 RJ	2CLA228760N7001	10
Green	N2287.6 VD	2CLA228760N8001	10
 Italian 10/16A socket outlet - 1M Rated voltage: 250 Vac. Rated current: 10 / 16A. Type L: 2P + E / P17/11. Shuttered for child safety. Screw terminals.			
White	N2133 BL	2CLA213300N1101	20
Silver	N2133 PL	2CLA213300N1301	20
Anthracite	N2133 AN	2CLA213300N1801	20
Champagne	N2133 CV	2CLA213300N1901	20

Zenit

Socket outlets

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Italian 10A socket outlet - 1M

Rated voltage: 250 Vac.
Rated current: 10A.
Type L: 2P + E / P11.
Shuttered for child safety.
Screw terminals.

White	N2133.1 BL	2CLA213310N1101	20
Silver	N2133.1 PL	2CLA213310N1301	20
Anthracite	N2133.1 AN	2CLA213310N1801	20
Champagne	N2133.1 CV	2CLA213310N1901	20



American earthed socket outlet - 1M

Rated voltage: 125 Vac.
Rated current: 15A.
Type B: 2P + E / NEMA 5-15R.
Shuttered for child safety.
Screw terminals.

White	N2128 BL	2CLA212800N1101	20
Silver	N2128 PL	2CLA212800N1301	20
Anthracite	N2128 AN	2CLA212800N1801	20
Champagne	N2128 CV	2CLA212800N1901	20



American earthed duplex socket outlet - 3M

Rated voltage: 125 Vac.
Rated current: 15A.
Type B: 2P + E / NEMA 5-15R.
Duplex outlet.
Shuttered for child safety.
Screw terminals.

White	N2328 BL	2CLA232800N1101	20
Silver	N2328 PL	2CLA232800N1301	20
Anthracite	N2328 AN	2CLA232800N1801	20
Champagne	N2328 CV	2CLA232800N1901	20



Euro-American unearthed socket outlet - 1M

Rated voltage: 125 / 250 Vac.
Rated current: 15 / 16A.
Type A+C: 2P / NEMA 1-15R (non-earthed).
Screw terminals.

White	N2135 BL	2CLA213501N1101	20
Silver	N2135 PL	2CLA213501N1301	20
Anthracite	N2135 AN	2CLA213501N1801	20
Champagne	N2135 CV	2CLA213501N1901	20

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Euro-American earthed socket outlet - 1M

Rated voltage: 125 / 250 Vac.
Rated current: 15 / 16 A.
Type B+C: 2P / NEMA 5-15R.
Shuttered for child safety.
Screw terminals.

White	N2138 BL	2CLA213800N1101	20
Silver	N2138 PL	2CLA213800N1301	20
Anthracite	N2138 AN	2CLA213800N1801	20
Champagne	N2138 CV	2CLA213800N1901	20



Euro-American earthed socket outlet - 2M

Rated voltage: 125 / 250 Vac.
Rated current: 15 / 16A.
Type B+C: 2P / NEMA 5-15R.
Shuttered for child safety.
Screw terminals.

White	N2238 BL	2CLA223801N1101	10
Silver	N2238 PL	2CLA223801N1301	10
Anthracite	N2238 AN	2CLA223801N1801	10
Champagne	N2238 CV	2CLA223801N1901	10



Euro-American duplex socket outlet - 3M

Rated voltage: 125 / 250 Vac.
Rated current: 15 / 16A.
Type B+C: 2P / NEMA 5-15R.
Duplex outlet.
Shuttered for child safety.
Screw terminals.

White	N2338 BL	2CLA233800N1101	20
Silver	N2338 PL	2CLA233800N1301	20
Anthracite	N2338 AN	2CLA233800N1801	20
Champagne	N2338 CV	2CLA233800N1901	20



Brazilian 10A socket outlet - 1M

Rated voltage: 250 Vac.
Rated current: 10 A.
Type N: 2P + E.
Shuttered for child safety.
Screw terminals.

White	N2136 BL	2CLA213600N1101	20
Silver	N2136 PL	2CLA213600N1301	20
Anthracite	N2136 AN	2CLA213600N1801	20
Champagne	N2136 CV	2CLA213600N1901	20







Brazilian 10A socket outlet - 1M

Rated voltage: 250 Vac.
Rated current: 10 A.
Type N: 2P + E.
Shuttered for child safety.
Screw terminals.
Suitable to identify special circuits.




Red	N2136 RJ	2CLA213600N7001	20
-----	-----------------	-----------------	----

Zenit

Socket outlets

Color	Article-No.	Order-No.	Pack/Qty
 Brazilian 20A socket outlet - 1M Rated voltage: 250 Vac. Rated current: 20 A. Type N: 2P + E. Shuttered for child safety. Screw terminals.			
White	N2136.2 BL	2CLA213620N1101	20
Silver	N2136.2 PL	2CLA213620N1301	20
Anthracite	N2136.2 AN	2CLA213620N1801	20
Champagne	N2136.2 CV	2CLA213620N1901	20
 Brazilian 20A socket outlet - 1M Rated voltage: 250 Vac. Rated current: 20 A. Type N: 2P + E. Shuttered for child safety. Screw terminals. Suitable to identify special circuits.			
Red	N2136.2 RJ	2CLA213620N7001	20
 British standard socket outlet - 2M Rated voltage: 250 Vac. Rated current: 13A. Type G: 2P + E. Without switch. Shuttered for child safety. Screw terminals.			
White	N2237 BL	2CLA223700N1101	10
Silver	N2237 PL	2CLA223700N1301	10
Anthracite	N2237 AN	2CLA223700N1801	10
Champagne	N2237 CV	2CLA223700N1901	10
 Universal socket outlet - 2M Rated voltage: 125 / 250 Vac. Rated current: 13 / 16A. Multiple type: 2P + E. Shuttered for child safety. Screw terminals.			
White	N2239 BL	2CLA223900N1101	10
Silver	N2239 PL	2CLA223900N1301	10
Anthracite	N2239 AN	2CLA223900N1801	10
Champagne	N2239 CV	2CLA223900N1901	10

USB Charger

Color	Article-No.	Order-No.	Pack/Qty
 USB charger type-A 750mA, 1-gang - 1M Input voltage: 100 - 240 Vac $\pm 10\%$; 50/60 Hz. Input current: 0,12 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 750 mA. Power consumption in stand-by: $\leq 0,3W@230Vac$. Energy efficiency: $\geq 66\%$. Operating temperature: 0 °C to 45 °C.			
White	N2185 BL	2CLA218500N1101	1
Silver	N2185 PL	2CLA218500N1301	1
Anthracite	N2185 AN	2CLA218500N1801	1
Champagne	N2185 CV	2CLA218500N1901	1
 USB charger type-A 2.000mA, 1-gang - 1M Input voltage: 100 - 230 Vac $\pm 10\%$; 50/60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 2.000 mA. Power consumption in stand-by: $\leq 0,01W@230Vac$. Energy efficiency: $\geq 79\%$. Operating temperature: 0 °C to 45 °C.			
White	N2185.2 BL	2CLA218520N1101	1
Silver	N2185.2 PL	2CLA218520N1301	1
Anthracite	N2185.2 AN	2CLA218520N1801	1
Champagne	N2185.2 CV	2CLA218520N1901	1
 USB charger type-A 1.500mA, 2-gang - 2M Input voltage: 100 - 240 Vac $\pm 10\%$; 50/60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 1.500 mA (total for both gangs). Power consumption in stand-by: $\leq 0,3W@230Vac$. Energy efficiency: $\geq 71\%$. Operating temperature: 0 °C to 35 °C.			
White	N2285 BL	2CLA228500N1101	1
Silver	N2285 PL	2CLA228500N1301	1
Anthracite	N2285 AN	2CLA228500N1801	1
Champagne	N2285 CV	2CLA228500N1901	1

Zenit

Protection devices

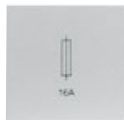
Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Fuse holder - 1M

Rated voltage: 250 Vac.
Rated current: 16A.
Fuse type / dimension: glass tube / 6 x 24 mm.

White	N2108 BL	2CLA210800N1101	20
Silver	N2108 PL	2CLA210800N1301	20
Anthracite	N2108 AN	2CLA210800N1801	20
Champagne	N2108 CV	2CLA210800N1901	20



Fuse holder - 2M

Rated voltage: 250 Vac.
Rated current: 16A.
Fuse type / dimension: glass tube / 6 x 24 mm.

White	N2208 BL	2CLA220800N1101	10
Silver	N2208 PL	2CLA220800N1301	10
Anthracite	N2208 AN	2CLA220800N1801	10
Champagne	N2208 CV	2CLA220800N1901	10

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Circuit breaker 6A & RCD - 2M

Rated voltage: 120 - 230 Vac; 50/60 Hz.
Rated current: 6A.
Braking capacity: 1.500A.
Residual current (sensitivity - I_{Δn}): 10 mA.
C type magneto-thermic protection.
A type residual current protection.
Two-pole (1P + N) with 1 protected pole.

White	N2234.1 BL	2CLA223410N1101	1
Silver	N2234.1 PL	2CLA223410N1301	1
Anthracite	N2234.1 AN	2CLA223410N1801	1
Champagne	N2234.1 CV	2CLA223410N1901	1



Circuit breaker 10A & RCD - 2M

Rated voltage: 120 - 230 Vac; 50/60 Hz.
Rated current: 10A.
Braking capacity: 3.000A.
Residual current (sensitivity - I_{Δn}): 10 mA.
C type magneto-thermic protection.
A type residual current protection.
Two-pole (1P + N) with 1 protected pole.

White	N2234.2 BL	2CLA223420N1101	1
Silver	N2234.2 PL	2CLA223420N1301	1
Anthracite	N2234.2 AN	2CLA223420N1801	1
Champagne	N2234.2 CV	2CLA223420N1901	1



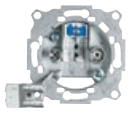
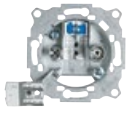

Circuit breaker 16A & RCD - 2M




Rated voltage: 120 - 230 Vac; 50/60 Hz.
Rated current: 16A.
Braking capacity: 3.000A.
Residual current (sensitivity - I_{Δn}): 10 mA.
C type magneto-thermic protection.
A type residual current protection.
Two-pole (1P + N) with 1 protected pole.

White	N2234.3 BL	2CLA223430N1101	1
Silver	N2234.3 PL	2CLA223430N1301	1
Anthracite	N2234.3 AN	2CLA223430N1801	1
Champagne	N2234.3 CV	2CLA223430N1901	1

Zenit


TV socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 <p>TV / R terminal outlet TV and R double outlet - Final. Without filter. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 862 MHz / 5 - 862 MHz / 5 - 862 MHz. Basic loss (FM / DAB / VHF / UHF): 10,0±0,7 dB / 10,0 ±1,5 dB / 4,0±1,5 dB / 3,0±0,5 dB. Isolation (FM / TV): >14 / >14. Return loss (FM / TV): >18 / >10. To be installed with N2250.8 cover plates. Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>	8150	2CLA815000A1001	10
 <p>TV / R final outlet - CATV outlet TV and R double outlet - CATV outlet - Final. With filter. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (C1 / C2): 5 - 68 & 118 - 1.000 MHz / 87,5 - 108 MHz. Basic loss (R / FM / TV): 0,3±0,1 dB / 1,1 ±0,3 dB / 0,9±0,3 dB. Isolation (FM / TV): >18 / >16. Selectivity (FM / TV): >10 / >18. Return loss (R / FM / TV): >18 / >16 / >18. Chroma-luminance delay (ns): <10. To be installed with N2250.8 cover plates. Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>	8150.3	2CLA815030A1001	10
 <p>TV / R loop-through outlet TV and R double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other. From 2nd to 4th floor. Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 13 - 862 MHz / 13 - 862 MHz / 13 - 862 MHz. Basic loss (FM / DAB / VHF / UHF): 25±1,5 dB / 25 ±1,5 dB / 8,0±0,7 dB / 8,0±0,7 dB. Through loss (FM / VHF / UHF): 2,0±0,3 dB / 2,0±0,5 dB / 2,0±0,5 dB. Directivity (FM / TV): >12 dB / >9 dB. Isolation (FM / TV): >16 / >15. Return loss (FM / TV): >12 / >12. To be installed with N2250.8 cover plates. Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>	8150.7	2CLA815070A1001	10


Color	Article-No.	Order-No.	Pack/Qty
 <p>Cover plate for TV/R outlet - 2M Cover plates for outlets with 2 connectors codes 8150, 8150.3 and 8150.7. Covers prepared to fix the frame to the wall. TV and R engraved in the front.</p>	N2250.8 BL	2CLA225080N1101	20
	N2250.8 PL	2CLA225080N1301	20
	N2250.8 AN	2CLA225080N1801	20
	N2250.8 CV	2CLA225080N1901	20
 <p>TV-R/SAT terminal outlet TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz. Basic loss (FM / TV / SAT): 0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB. Isolation (FM / TV / SAT): >45 / >14 / >14. Selectivity (TV-R / SAT): >15 / >15. Return loss (VR / FM / TV / SAT): >25 / >25 / >14 / >10. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. To be installed with N2250.1 cover plates. Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>	8151.3	2CLA815130A1001	10
 <p>TV-R/SAT final outlet TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a series with loop-through outlets. Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB. Isolation (FM / TV / SAT): >20 / >20 / >14. Return loss (VR / FM / TV / SAT): >16 / >16 / >16 / >9. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. To be installed with N2250.1 cover plates. Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>	8151.7	2CLA815170A1001	10


Zenit


TV socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 <p>TV-R/SAT loop-through outlet TV-R and SAT double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other. Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB. Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0. Directivity (FM / TV / SAT): >20 / >12 / >5. Isolation (FM / TV / SAT): >45 / >30 / >28. Return loss (VR / FM / TV / SAT): >13 / >13 / >12 / >12. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC. To be installed with N2250.1 cover plates. Fitting boxes with 60mm distance between screws (codes: 1099, 1999 and 1999.2).</p>			
	8151.8	2CLA815180A1001	10

 <p>Cover plate for TV-R/SAT - 2M Cover plates for outlets with 2 connectors codes 8150.3, 8150.7 and 8150.8. Covers prepared to fix the frame to the wall. TV-R and SAT engraved in the front.</p>			
White	N2250.1 BL	2CLA225010N1101	20
Silver	N2250.1 PL	2CLA225010N1301	20
Anthracite	N2250.1 AN	2CLA225010N1801	20
Champagne	N2250.1 CV	2CLA225010N1901	20


 <p>TV/R/SAT final outlet TV, R and SAT triple outlet - Final. Installation as a terminal outlet. Connection: screw terminal and clamp. Output connectors (C1 / C2 / C3): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. / F female 9,52 mm. diam. Frequency range (I / C1 / C2 / C3): 5 - 2.500 MHz / 5 - 68 & 125 - 862 MHz / 87,5 - 108 MHz / 950 - 2.5000 MHz. Basic loss (FM / TV / SAT): 2,0 dB / 2,7 dB / 2,3 dB. Isolation (FM / TV / SAT): >24,3 / >15 / >15. Selectivity (FM / TV / SAT): >15 / >15 / >15. Return loss (VR / FM / TV / SAT): >7,6 / >10 / >7,6 / >8,2. DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22 KHz - DiSEqC. To be installed with N2252 cover plates. Fitting boxes with 60mm distance between screws (Codes: 1099, 1999 and 1999.2).</p>			
	8152.7	2CLA815270A1002	10

 <p>Cover plate for TV/R/SAT - 2M Cover plates for outlets with 3 connectors code 8152.7. Covers prepared to fix the frame to the wall. TV, R and SAT engraved in the front.</p>			
White	N2252 BL	2CLA225200N1101	20
Silver	N2252 PL	2CLA225200N1301	20
Anthracite	N2252 AN	2CLA225200N1801	20
Champagne	N2252 CV	2CLA225200N1901	20

Color	Article-No.	Order-No.	Pack/Qty
 <p>TV-R/SAT terminal outlet - 2M TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a tap-off or splitter (without terminal resistor). Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52mm diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 862 MHz / 930 - 2.400 MHz. Basic loss (FM / TV / SAT): 0,2±0,1 dB / 1,0 ±0,5 dB / 1,2±0,6 dB. Isolation (FM / TV / SAT): >45 / >14 / >14. Selectivity (TV-R / SAT): >15 / >15. Return loss (VR / FM / TV / SAT): >25 / >25 / >14 / >10. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC.</p>			
White	N2251.3 BL	2CLA225130N1101	10
Silver	N2251.3 PL	2CLA225130N1301	10
Anthracite	N2251.3 AN	2CLA225130N1801	10
Champagne	N2251.3 CV	2CLA225130N1901	10

 <p>TV-R/SAT final outlet - 2M TV-R and SAT double outlet - Final. Installation as a terminal outlet connected to a series with loop-through outlets. Connection: screw terminal and clamp. Output connectors (C1 / C2): IEC male 9,52mm diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 3,7±0,3 dB / 4,0±0,5 dB / 5,0±1,2 dB. Isolation (FM / TV / SAT): >20 / >20 / >14. Return loss (VR / FM / TV / SAT): >16 / >16 / >16 / >9. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC.</p>			




White	N2251.7 BL	2CLA225170N1101	10
Silver	N2251.7 PL	2CLA225170N1301	10
Anthracite	N2251.7 AN	2CLA225170N1801	10
Champagne	N2251.7 CV	2CLA225170N1901	10

 <p>TV-R/SAT loop-through outlet - 2M TV-R and SAT double outlet - Intermediate. Installation as an intermediate outlet in series connected to each other. Output connectors (C1 / C2): IEC male 9,52 mm. diam. / IEC female 9,52 mm. diam. Frequency range (I/O / C1 / C2): 5 - 2.400 MHz / 5 - 2.400 MHz / 5 - 2.400 MHz. Basic loss (FM / TV / SAT): 10,0±1,0 dB / 10,0±1,0 dB / 12,0±2,0 dB. Through loss (FM / TV / SAT): 2,5±0,5 / 2,5±0,7 / 3,0±1,0. Directivity (FM / TV / SAT): >20 / >12 / >5. Isolation (FM / TV / SAT): >45 / >30 / >28. Return loss (VR / FM / TV / SAT): >13 / >13 / >12 / >12. DC path (Vdc / mA / Tono): 24 max. / 500 max. / 22 KHz - DiSEqC.</p>			




White	N2251.8 BL	2CLA225180N1101	10
Silver	N2251.8 PL	2CLA225180N1301	10
Anthracite	N2251.8 AN	2CLA225180N1801	10
Champagne	N2251.8 CV	2CLA225180N1901	10

Zenit

TV socket outlets





Color	Article-No.	Order-No.	Pack/Qty
 TV terminal outlet F-type - 1M Single TV outlet - Dead-end. F type. For 75 Ω impedance coaxial cable. Frequency range: 0 - 2.000 Mhz. Working voltage: 250 VRMS max. Dielectric withstanding voltage: 500 VRMS min. Contact resistance: - 5 mΩ max. (center contact). - 2 mΩ max. (outer contact). Insulator resistance: 1.000 MΩ min.			
White	N2150 BL	2CLA215000N1101	10
Silver	N2150 PL	2CLA215000N1301	10
Anthracite	N2150 AN	2CLA215000N1801	10
Champagne	N2150 CV	2CLA215000N1901	10
 TV terminal outlet M-type - 1M Single TV outlet - Dead-end. M type - 9,52 mm. male. For 75 Ω impedance coaxial cable. Avoid small bending radius. Frequency range: 5 - 2.400 Mhz. Connection loss: 1 dB. Isolation: >16 dB. Return loss: >7,6 dB. DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz - DiSEqC.			
White	N2150.7 BL	2CLA215070N1101	10
Silver	N2150.7 PL	2CLA215070N1301	10
Anthracite	N2150.7 AN	2CLA215070N1801	10
Champagne	N2150.7 CV	2CLA215070N1901	10
 TV terminal outlet M-type - 2M Single TV outlet - Dead-end. M type - 9,52 mm. male. For 75 Ω impedance coaxial cable. Avoid small bending radius. Frequency range: 5 - 2.400 Mhz. Connection loss: 1 dB. Isolation: >16 dB. Return loss: >7,6 dB. DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz - DiSEqC.			
White	N2250.7 BL	2CLA225070N1101	10
Silver	N2250.7 PL	2CLA225070N1301	10
Anthracite	N2250.7 AN	2CLA225070N1801	10
Champagne	N2250.7 CV	2CLA225070N1901	10

Telephone and fiber optic outlets

Color	Article-No.	Order-No.	Pack/Qty
 Telephone outlet RJ12 - 1M RJ12 type connector. 6 contacts. Suitable for 2, 4 or 6 contacts jack. Screw terminals.			
White	N2117.6 BL	2CLA211760N1101	20
Silver	N2117.6 PL	2CLA211760N1301	20
Anthracite	N2117.6 AN	2CLA211760N1801	20
Champagne	N2117.6 CV	2CLA211760N1901	20
 Telephone outlet RJ12 - 2M RJ12 type connector. 6 contacts. Suitable for 2, 4 or 6 contacts jack. Screw terminals.			
White	N2217.6 BL	2CLA221760N1101	10
Silver	N2217.6 PL	2CLA221760N1301	10
Anthracite	N2217.6 AN	2CLA221760N1801	10
Champagne	N2217.6 CV	2CLA221760N1901	10
 Fiber optic SC simplex adapter - 1M Insertion Loss (IL) ≤ 0.3dB for SM and MM. Durability(500 Mating): 0.2dB max. increase. Withdrawal force (g/f): 100300. Operating temperature: -40° C to +85° C. Meet JIS C5974 and Bellcore GR-326 standard. Compliant with IEC874-14 & IEC874-19. All parts compliant with ROHS.			
White	N2118.3 BL	2CLA211830N1101	10
Silver	N2118.3 PL	2CLA211830N1301	10
Anthracite	N2118.3 AN	2CLA211830N1801	10
Champagne	N2118.3 CV	2CLA211830N1901	10

Zenit

Data outlets

Color	Article-No.	Order-No.	Pack/Qty
 Cover plate for data outlet 1-gang - 1M Cover plate for one 201X.X connector or housing (codes: 2017.2, 2018.5, 2018.6, 2018 and 2018.8). With labeling area. Without shutter.			
White	N2118.1 BL	2CLA211810N1101	10
Silver	N2118.1 PL	2CLA211810N1301	10
Anthracite	N2118.1 AN	2CLA211810N1801	10
Champagne	N2118.1 CV	2CLA211810N1901	10
 Cover plate for data outlet 1-gang - 2M Cover plate for one 201X.X connector or housing (codes: 2017.2, 2018.5, 2018.6, 2018 and 2018.8). With labeling area. Without shutter.			
White	N2218.1 BL	2CLA221810N1101	10
Silver	N2218.1 PL	2CLA221810N1301	10
Anthracite	N2218.1 AN	2CLA221810N1801	10
Champagne	N2218.1 CV	2CLA221810N1901	10
 Cover plate for data outlet 2-gangs - 2M Cover plate for two 201X.X connectors and/or and housings (codes: 2017.2, 2018.5, 2018.6, 2018 and 2018.8). With labeling area. Without shutter.			
White	N2218.2 BL	2CLA221820N1101	10
Silver	N2218.2 PL	2CLA221820N1301	10
Anthracite	N2218.2 AN	2CLA221820N1801	10
Champagne	N2218.2 CV	2CLA221820N1901	10
 Telephone outlet RJ12 RJ12 type connector. 6 contacts. Suitable for 2 (6P2C), 4 (6P4C) or 6 (6P6C) RJ11 and RJ12 jacks. Screw terminals. To be installed with N2118.1, N2218.1 and N2218.2 cover plates.			
	2017.2	2CLA201720A1001	10

Product	Article-No.	Order-No.	Pack/Qty
 Data outlet RJ45 Cat.5e UTP RJ45 type connector. Cat.5e UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. To be installed with N2118.1, N2218.1 and N2218.2 cover plates.			
	2018.5	2CLA201850A1001	10
 Data outlet RJ45 Cat.6 UTP RJ45 type connector. Cat.6 UTP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. To be installed with N2118.1, N2218.1 and N2218.2 cover plates.			
	2018.6	2CLA201860A1001	10
 Data outlet RJ45 Cat.6A STP RJ45 type connector. Cat.6A STP. In compliance with ANSI/TIA/EIA 568B.2, ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B Labeling. 10Gb/sec. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). Housing: Zinc Die-casting design for optimal EMI protection. Slim size is ideal for interfaces where the spaces are tight. IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. To be installed with N2118.1, N2218.1 and N2218.2 cover plates.			
	2018.6 S	2CLA201862A1001	10
 Housing for data outlets - Keystone type Housing for connectors with Keystone type clipping system. To be installed with N2118.1, N2218.1 and N2218.2 cover plates.			
	2018	2CLA201800A1001	10
 Housing for data outlets - Systimax type Housing for connectors with Systimax type clipping system. To be installed with N2118.1, N2218.1 and N2218.2 cover plates.			
	2018.8	2CLA201880A1001	10

Zenit

Data outlets adapters

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Cover plate for data outlet 1-gang - 2M

Cover plate for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).
With labeling area for stickers.
Without shutter.

White	N2216.1 BL	2CLA221610N1101	10
Silver	N2216.1 PL	2CLA221610N1301	10
Anthracite	N2216.1 AN	2CLA221610N1801	10
Champagne	N2216.1 CV	2CLA221610N1901	10



Cover plate for data outlet 2-gang - 2M

Cover plate for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).
With labeling area for stickers.
Without shutter.

White	N2216.2 BL	2CLA221620N1101	10
Silver	N2216.2 PL	2CLA221620N1301	10
Anthracite	N2216.2 AN	2CLA221620N1801	10
Champagne	N2216.2 CV	2CLA221620N1901	10



Cover plate for data outlet 1-gang - 2M

Cover plate for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).
With labeling area for stickers.
With shutter.

White	N2216.3 BL	2CLA221630N1101	10
Silver	N2216.3 PL	2CLA221630N1301	10
Anthracite	N2216.3 AN	2CLA221630N1801	10
Champagne	N2216.3 CV	2CLA221630N1901	10



Cover plate for data outlet 2-gang - 2M

Cover plate for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).
With labeling area for stickers.
With shutters.

White	N2216.4 BL	2CLA221640N1101	10
Silver	N2216.4 PL	2CLA221640N1301	10
Anthracite	N2216.4 AN	2CLA221640N1801	10
Champagne	N2216.4 CV	2CLA221640N1901	10



Cover plate for data outlet 1-gang at 45° - 2M

Cover plate at 45° for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).
With labeling area for stickers.
Without shutter.

White	N2216.5 BL	2CLA221650N1101	5
Silver	N2216.5 PL	2CLA221650N1301	5
Anthracite	N2216.5 AN	2CLA221650N1801	5
Champagne	N2216.5 CV	2CLA221650N1901	5

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Cover plate for data outlet 2-gang at 45° - 2M

Cover plate at 45° for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).
With labeling area for stickers.
Without shutters.

White	N2216.6 BL	2CLA221660N1101	5
Silver	N2216.6 PL	2CLA221660N1301	5
Anthracite	N2216.6 AN	2CLA221660N1801	5
Champagne	N2216.6 CV	2CLA221660N1901	5



Cover plate for data outlet 1-gang at 45° - 2M

Cover plate at 45° for one data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).
With labeling area for stickers.
With shutter.

White	N2216.7 BL	2CLA221670N1101	5
Silver	N2216.7 PL	2CLA221670N1301	5
Anthracite	N2216.7 AN	2CLA221670N1801	5
Champagne	N2216.7 CV	2CLA221670N1901	5



Cover plate for data outlet 2-gang at 45° - 2M

Cover plate at 45° for two data connector housing (refs.: 2016, 2016.1, 2016.2 and 2016.3).
With labeling area for stickers.
With shutters.

White	N2216.8 BL	2CLA221680N1101	5
Silver	N2216.8 PL	2CLA221680N1301	5
Anthracite	N2216.8 AN	2CLA221680N1801	5
Champagne	N2216.8 CV	2CLA221680N1901	5








Housing for data outlets 1-gang






Cover plate for two data connector housing
Housing for RJ45 data connectors with multiple type clipping systems:
- 2016: Keystone, 3M and AMP type.
- 2016.1: Systimax type.
- 2016.2: Panduit type.
- 2016.3: R&M type.
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.

2016	2CLA201600A1001	10
2016.1	2CLA201610A1001	10
2016.2	2CLA201610A1001	10
2016.3	2CLA201630A1001	10

Zenit


VDI outlets


Color	Article-No.	Order-No.	Pack/Qty
 2x RCA connection unit - 1M Front: 2x RCA connectors (Red / White). Rear: screw terminals (4 wires).			
White	N2155.2 BL	2CLA215520N1101	1
Silver	N2155.2 PL	2CLA215520N1301	1
Anthracite	N2155.2 AN	2CLA215520N1801	1
Champagne	N2155.2 CV	2CLA215520N1901	1
 3x RCA connection unit - 1M Front: 3x RCA connectors (Red / White / Yellow). Rear: screw terminals (6 wires).			
White	N2155.3 BL	2CLA215530N1101	1
Silver	N2155.3 PL	2CLA215530N1301	1
Anthracite	N2155.3 AN	2CLA215530N1801	1
Champagne	N2155.3 CV	2CLA215530N1901	1
 HDMI connection unit - 1M Front: 1x HDMI connector (Type A connector). Rear: screwless terminals (20 wires).			
White	N2155.6 BL	2CLA215560N1101	1
Silver	N2155.6 PL	2CLA215560N1301	1
Anthracite	N2155.6 AN	2CLA215560N1801	1
Champagne	N2155.6 CV	2CLA215560N1901	1
 HDMI female-female connection unit - 1M Front: 1x HDMI connector (Type A connector). Rear: 1x HDMI connector (Type A connector) fitted at 90° angle.			
White	N2155.7 BL	2CLA215570N1101	1
Silver	N2155.7 PL	2CLA215570N1301	1
Anthracite	N2155.7 AN	2CLA215570N1801	1
Champagne	N2155.7 CV	2CLA215570N1901	1
 HDMI female-female connection unit with cable - 1M Front: 1x HDMI connector (Type A connector). Rear: 1x HDMI connector (Type A connector) with 20 cm cable extension.			
White	N2155.71 BL	2CLA215571N1101	1
Silver	N2155.71 PL	2CLA215571N1301	1
Anthracite	N2155.71 AN	2CLA215571N1801	1
Champagne	N2155.71 CV	2CLA215571N1901	1


Color	Article-No.	Order-No.	Pack/Qty
 Mini-Jack connection unit - 1M Front: 1x Mini-Jack connector (3,5 mm. stereo audio jack). Rear: screw terminals (3/4 wires).			
White	N2155.4 BL	2CLA215540N1101	1
Silver	N2155.4 PL	2CLA215540N1301	1
Anthracite	N2155.4 AN	2CLA215540N1801	1
Champagne	N2155.4 CV	2CLA215540N1901	1
 VGA connection unit - 1M Front: 1x VGA connector (DE-15 connector). Rear: screw terminals (15 wires).			
White	N2155.5 BL	2CLA215550N1101	1
Silver	N2155.5 PL	2CLA215550N1301	1
Anthracite	N2155.5 AN	2CLA215550N1801	1
Champagne	N2155.5 CV	2CLA215550N1901	1
 USB connection unit - 1M Front: 1x USB 2.0 connector (Type A connector). Rear: screwless terminals (5 wires).			
White	N2155.8 BL	2CLA215580N1101	1
Silver	N2155.8 PL	2CLA215580N1301	1
Anthracite	N2155.8 AN	2CLA215580N1801	1
Champagne	N2155.8 CV	2CLA215580N1901	1
 USB female-female connection unit - 1M Front: 1x USB 2.0 connector (Type A connector). Rear: 1x USB 2.0 connector (Type A connector) fitted at 90° angle.			
White	N2155.9 BL	2CLA215590N1101	1
Silver	N2155.9 PL	2CLA215590N1301	1
Anthracite	N2155.9 AN	2CLA215590N1801	1
Champagne	N2155.9 CV	2CLA215590N1901	1
 USB female-female connection unit with cable - 1M Front: 1x USB 2.0 connector (Type A connector). Rear: 1x USB 2.0 connector (Type A connector) with 20 cm cable extension.			
White	N2155.91 BL	2CLA215591N1101	1
Silver	N2155.91 PL	2CLA215591N1301	1
Anthracite	N2155.91 AN	2CLA215591N1801	1
Champagne	N2155.91 CV	2CLA215591N1901	1


Zenit


Light controls - Rotatory dimmers

Color	Article-No.	Order-No.	Pack/Qty
 <p>LED/Universal rotatory dimmer 220V - 1M Rated voltage: 230 Vac \pm 10%. Frequency: 50-60 Hz. Power (min./max load): - LEDi (trailing-edge lamps): 4 / 250 W/VA. - LEDi (leading-edge lamps): 4 / 60 W/VA.* - LV LEDi with transformer type C: 4 / 250 W/VA. - LV LEDi with transformer type LC: 4 / 60 W/VA.* - LV halogen with transformer type C: 4 / 250 W/VA. - LV halogen with transformer type LC: 4 / 250 W/VA. - Incandescent lamps: 4 / 250 W/VA. - Halogen lamps: 4 / 250 W/VA. *Max. 10 lamps.</p> <p>Load selection 2 or 3 wire connection. OFF position Back-up fuse: Electronic. Overload protection: Electronic. Ambient temperature: 0° C to +35° C.</p>			
White	N2160.3 BL	2CLA216030N1101	1
Silver	N2160.3 PL	2CLA216030N1301	1
Anthracite	N2160.3 AN	2CLA216030N1801	1
Champagne	N2160.3 CV	2CLA216030N1901	1

 <p>LED/Universal rotatory dimmer 110V - 1M Rated voltage: 127 Vac \pm 10%. Frequency: 60 Hz. Power (min./max load): - LEDi (trailing-edge lamps): 4 / 125 W/VA. - LEDi (leading-edge lamps): 4 / 30 W/VA.* - LV LEDi with transformer type C: 4 / 125 W/VA. - LV LEDi with transformer type LC: 4 / 30 W/VA.* - LV halogen with transformer type C: 4 / 125 W/VA. - LV halogen with transformer type LC: 4 / 125 W/VA. - Incandescent lamps: 4 / 125 W/VA. - Halogen lamps: 4 / 125 W/VA. *Max. 10 lamps.</p> <p>Load selection 2 or 3 wire connection. OFF position Back-up fuse: Electronic. Overload protection: Electronic. Ambient temperature: 0° C to +35° C.</p>			
White	N2160.8 BL	2CLA216080N1101	1
Silver	N2160.8 PL	2CLA216080N1301	1
Anthracite	N2160.8 AN	2CLA216080N1801	1
Champagne	N2160.8 CV	2CLA216080N1901	1

Color	Article-No.	Order-No.	Pack/Qty
 <p>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: 2 / 100 W/VA*. - Dimmable CFL: 2 / 100 W/VA*. - LV LEDi with transformer (L or LC): 4 / 100 W/VA*. - Incandescent lamps: 10 / 250 W/VA. - Halogen lamps: 10 / 250 W/VA. - LV halogen w/transformer (L or LC): 10 / 250 W/VA*. 10 / 250 W/VA (max. 10 lamps). *: 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.</p>			
White	N2260.3 BL	2CLA226030N1101	1
Silver	N2260.3 PL	2CLA226030N1301	1
Anthracite	N2260.3 AN	2CLA226030N1801	1
Champagne	N2260.3 CV	2CLA226030N1901	1



 <p>LED rotatory/push dimmer - 2M Rated voltage: 127 Vac \pm 10%. Frequency: 50 / 60 Hz (140 W/VA). Power (min./max load): - LEDi: 2 / 55 W/VA*. - Dimmable CFL: 2 / 55 W/VA*. - LV LEDi with transformer (L or LC): 4 / 55 W/VA*. - Incandescent lamps: 10 / 140 W/VA. - Halogen lamps: 10 / 140 W/VA. - LV halogen w/transformer (L or LC): 10 / 140 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.</p>			
White	N2260.8 BL	2CLA226080N1101	1
Silver	N2260.8 PL	2CLA226080N1301	1
Anthracite	N2260.8 AN	2CLA226080N1801	1
Champagne	N2260.8 CV	2CLA226080N1901	1

 <p>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.</p>			
--	--	--	--


White	N2260.9 BL	2CLA226090N1101	1
Silver	N2260.9 PL	2CLA226090N1301	1
Anthracite	N2260.9 AN	2CLA226090N1801	1
Champagne	N2260.9 CV	2CLA226090N1901	1

Zenit


Light controls - Push-button dimmers

Color	Article-No.	Order-No.	Pack/Qty
 Universal push dimmer - 2M Rated voltage: 127-230 Vac \pm 10%. Frequency: 50/60 Hz. Power (max load 127Vac / 220Vac): - LV halogen with transformer: 400 / 250 W/VA* - Incandescent lamps: 450 / 250 W/VA. - Halogen lamps: 450 / 250 W/VA. 2 wire connection. Optional: auxiliary control with N2X04.X push-buttons. Overcurrent protection: with fuse. Indicator LED lamp included. Operating temperature: 0° C to +30° C.			
White	N2260 BL	2CLA226000N1101	1
Silver	N2260 PL	2CLA226000N1301	1
Anthracite	N2260 AN	2CLA226000N1801	1
Champagne	N2260 CV	2CLA226000N1901	1
 Resistive push dimmer 220V - 2M Rated voltage: 230 Vac \pm 10%. Frequency: 50 Hz. Power (min./max load): - LV halogen with transformer: 60 / 500 W/VA* - Incandescent lamps: 60 / 500 W/VA. - Halogen lamps: 60 / 500 W/VA. *Max. load 400 W/VA for ferromagnetic transformer. 2 wire connection. Optional: auxiliary control with N2X04.X push-buttons. Indicator LED lamp included. Operating temperature: 0° C to +30° C.			
White	N2260.1 BL	2CLA226010N1101	1
Silver	N2260.1 PL	2CLA226010N1301	1
Anthracite	N2260.1 AN	2CLA226010N1801	1
Champagne	N2260.1 CV	2CLA226010N1901	1

Light controls - Motion sensors


Color	Article-No.	Order-No.	Pack/Qty
 110° motion sensor - 2M Rated voltage: 127 - 230 Vac \pm 10% / 50 - 60 Hz Outputs: 1 Normally Open (NO). Potential free Max. power: - Incandescent: 1.800W @230Vac / 1.000W @127Vac - Halogen with electronic or ferromagnetic transformer: 750VA @230Vac / 400VA @127Vac - Fluorescent lamps or motors: 400VA @230Vac / 200VA @127Vac For automatic switching of devices dependent on motion and brightness. With integrated selector switch for ON-AUTOMATIC-OFF in the front side. Switch-off delay: 10 sec to 10 min or short-time pulse 1 sec adjustable (from the front side). Detection range: 5 m radius Adjustable light set point level for activation (from the front side). Detection angle: 110 ° Mounting height: 1,2 m Auxiliary control with N2X04.X push-buttons Temperature range (Device): -10 °C to 40 °C			
White	N2241 BL	2CLA224100N1101	1
Silver	N2241 PL	2CLA224100N1301	1
Anthracite	N2241 AN	2CLA224100N1801	1
Champagne	N2241 CV	2CLA224100N1901	1


Light controls - Time delay switches

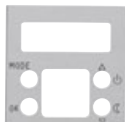
 Time delayed switch - 2M Rated voltage: 230 Vac / 50 Hz. Power: - Incandescent: 40 - 500 W. - Halogen with transformer: 40 - 400 VA. - Motors: 40 - 100 VA. 2 wire connection. Delay setup: 10 sec. to 10 min. Overcurrent protection: with fuse. Indicator LED lamp included. Operating temperature: 0° C to +40° C.			
White	N2262.1 BL	2CLA226210N1101	1
Silver	N2262.1 PL	2CLA226210N1301	1
Anthracite	N2262.1 AN	2CLA226210N1801	1
Champagne	N2262.1 CV	2CLA226210N1901	1

Zenit


Temperature controls - RTC

Color	Article-No.	Order-No.	Pack/Qty
 <p>Rotatory thermostat with floor sensor - 2M Rated voltage: 230 Vac $\pm 10\%$ / 50-60 Hz. Load power: 2.300 W. Load type: floor heating resistor. Control temperature: $+5^{\circ}\text{C}$ to $+45^{\circ}\text{C}$ (Set point). 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. Temperature accuracy: $0,5^{\circ}\text{C}$. Hysteresis: $0,5^{\circ}\text{C}$. Floor temperature sensor: NTC, 10 KΩ at 25°C, -40°C to 80°C. Double isolated cable, 4 m. length. LED light indication: Red and green. Ambient temperature: -20°C to 45°C.</p>			
White	N2240.3 BL	2CLA224030N1101	1
Silver	N2240.3 PL	2CLA224030N1301	1
Anthracite	N2240.3 AN	2CLA224030N1801	1
Champagne	N2240.3 CV	2CLA224030N1901	1

 <p>Digital room thermostat - 2M Rated voltage: 230 Vac / 50-60 Hz. Power consumption: < 1W. Operating temperature range: $+ 0^{\circ}\text{C}$ to 50°C. Measurement accuracy: $\pm 2^{\circ}\text{C}$ ($\pm 1^{\circ}\text{C}$ with calibration). Resolution: 0.1°C. Control output: Potential-free relay contacts Normally Open (NO). Maximum load: 3A cos = 0,5. Output relay operation modes: - Hysteresis: 0.5°C. - Pulse-width modulation: with a $\pm 4^{\circ}\text{C}$ difference with the set-point temperature, variable from 100% to 0% modulation. To be installed with N2240.5 cover plates.</p>			
8140.5		2CLA814050A1001	1

 <p>Cover plate for digital thermostat- 2M Cover plate for digital room thermostat code 8140.5.</p>			
White	N2240.5 BL	2CLA224050N1101	5
Silver	N2240.5 PL	2CLA224050N1301	5
Anthracite	N2240.5 AN	2CLA224050N1801	5
Champagne	N2240.5 CV	2CLA224050N1901	5

Temperature controls - Fan regulators

Color	Article-No.	Order-No.	Pack/Qty
 <p>Rotatory 3-speed fan control - 2M Rated voltage: 127 Vac / 60 Hz. Rated current: 1,5 A. Load type: ceiling fan. 4 control positions: - 0: Off. - I: On maximum speed. - II: On medium speed. - III: On low speed. Ambient temperature: 0°C to 40°C.</p>			
White	N2254.1 BL	2CLA225410N1101	1
Silver	N2254.1 PL	2CLA225410N1301	1
Anthracite	N2254.1 AN	2CLA225410N1801	1
Champagne	N2254.1 CV	2CLA225410N1901	1

Zenit

DND / MUR systems

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



LED DND signaling light - 1M

Rated voltage: 127-230 Vac / 50-60 Hz.
Lamp: white LED.
Luminous flux: > 2 lumen at 1 meter.
Red diffuser.
Do Not Disturb (DND) symbol.
To be controlled with N2244.5 DND/MUR 2-gang interlocked switch.

White	N2180.4 BL	2CLA218040N1101	5
Silver	N2180.4 PL	2CLA218040N1301	5
Anthracite	N2180.4 AN	2CLA218040N1801	5
Champagne	N2180.4 CV	2CLA218040N1901	5



LED MUR signaling light - 1M

Rated voltage: 127-230 Vac / 50-60 Hz.
Lamp: white LED.
Luminous flux: > 2 lumen at 1 meter.
Green diffuser.
Make Up Room (MUR) symbol.
To be controlled with N2244.5 DND/MUR 2-gang interlocked switch.

White	N2180.5 BL	2CLA218050N1101	5
Silver	N2180.5 PL	2CLA218050N1301	5
Anthracite	N2180.5 AN	2CLA218050N1801	5
Champagne	N2180.5 CV	2CLA218050N1901	5



DND/MUR 2-gang interlocked switch - 2M

Rated voltage: 110 - 250 Vac.
Rated current: 16 AX.
Interlocked gangs.
Gang 1: Make Up Room (MUR) green symbol.
Gang 2: Do Not Disturb (DND) red symbol.
To control N2180.4 & N2180.5 DND/MUR signaling lights or N2280.4 DND/MUR push-button.

White	N2244.5 BL	2CLA224450N1101	5
Silver	N2244.5 PL	2CLA224450N1301	5
Anthracite	N2244.5 AN	2CLA224450N1801	5
Champagne	N2244.5 CV	2CLA224450N1901	5

Color	Article-No.	Order-No.	Pack/Qty
-------	-------------	-----------	----------



Bell push-button with DND/MUR LED indicator - 2M

Rated voltage: 110 - 250 Vac
Rated current: 10A
Red Do Not Disturb and green Make Up Room LED signaling included.
Push-button with bell symbol.
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	N2280.4 BL	2CLA228040N1101	5
Silver	N2280.4 PL	2CLA228040N1301	5
Anthracite	N2280.4 AN	2CLA228040N1801	5
Champagne	N2280.4 CV	2CLA228040N1901	5









DND/MUR 2-gang switch - 2M



Rated voltage: 110 - 250 Vac.
Rated current: 16A.
Non interlocked gangs.
Gang 1: Make Up Room (MUR) green symbol and indicator LED lamp.
Gang 2: Do Not Disturb (DND) red symbol and indicator LED lamp.
To be connected to N2280.4 corridor module.

White	N2244.4 BL	2CLA224440N1101	5
Silver	N2244.4 PL	2CLA224440N1301	5
Anthracite	N2244.4 AN	2CLA224440N1801	5
Champagne	N2244.4 CV	2CLA224440N1901	5

Zenit





Signaling and lighting systems

Color	Article-No.	Order-No.	Pack/Qty
	LED white signaling light - 1M Rated voltage: 127-230 Vac / 50-60 Hz. Lamp: white LED. Luminous flux: > 2 lumen at 1 meter. White diffuser.		
	White	N2180 BL	2CLA218000N1101 5
	LED warm white signaling light - 1M Rated voltage: 127-230 Vac / 50-60 Hz. Lamp: white LED. 2.700 Kelvin. Low luminous flux: < 0,5 lumen at 0,3 meter. White diffuser.		
	White	N2180.1 BL	2CLA218010N1101 5
	LED signaling light - 2M Rated voltage: 127-230 Vac / 50-60 Hz. Lamp: white LED. Luminous flux: > 2 lumen at 1 meter. White diffuser.		
	White	N2280 BL	2CLA228000N1101 1
	LED DND/MUR signaling light - 2M Rated voltage: 127-230 Vac / 50-60 Hz. Lamp: red/green LED. Luminous flux: > 2 lumen at 1 meter. White diffuser.		
	White	N2280.2 RJ/VD	2CLA228020N1101 1
	Beacon LED light - 2M Rated voltage: 230 Vac / 50 Hz. Lamp: white LED. Luminous flux: > 2 lumen at 1 meter. White diffuser. Autonomy: 3 hours (1 hour at maximum illumination 2 hours with lower illumination). Battery: Ni-MH (estimated lifetime: 4 years).		
	White	N2281 BL	2CLA228100N1101 1
	Labels for signaling / beacon lights - 2M Labels with symbols for signaling and beacon lights code: N2280, N2280.2 & N2281. Symbols: "WC men", "WC women", "No smoking", "Direction", "WC handic.", "WC", "Salida" and no symbol label.		
		N2281.1	2CLA228110N1001 5





Color	Article-No.	Order-No.	Pack/Qty
	LED red signaling light - 1M Rated voltage: 127-230 Vac / 50-60 Hz. Lamp: white LED. Luminous flux: > 2 lumen at 1 meter. Red diffuser.		
	Red	N2180 RJ	2CLA218000N1601 5
	LED red signaling light - 1M Rated voltage: 127-230 Vac / 50-60 Hz. Lamp: white LED. Luminous flux: > 2 lumen at 1 meter. Green diffuser.		
	Green	N2180 VD	2CLA218000N1801 5

Zenit

Buzzer / Door bell




Color	Article-No.	Order-No.	Pack/Qty
 Buzzer - 1M Rated voltage: 127-230 Vac / 50-60 Hz. Rated power: 8 VA. Adjustable tone. Acoustic power at 1 meter with cover plate: 75 dB.			
White	N2119 BL	2CLA211900N1101	10
Silver	N2119 PL	2CLA211900N1301	10
Anthracite	N2119 AN	2CLA211900N1801	10
Champagne	N2119 CV	2CLA211900N1901	10
 Buzzer - 2M Rated voltage: 127-230 Vac / 50-60 Hz. Rated power: 8 VA. Adjustable tone. Acoustic power at 1 meter with cover plate: 75 dB.			
White	N2219 BL	2CLA221900N1101	10
Silver	N2219 PL	2CLA221900N1301	10
Anthracite	N2219 AN	2CLA221900N1801	10
Champagne	N2219 CV	2CLA221900N1901	10
 Electronic door bell 230 Vac - 2M Rated voltage: 230 Vac / 50-60 Hz. 4 melodies available. Acoustic power at 1 meter with cover plate: 72 dB.			
White	N2224 BL	2CLA222400N1101	1
Silver	N2224 PL	2CLA222400N1301	1
Anthracite	N2224 AN	2CLA222400N1801	1
Champagne	N2224 CV	2CLA222400N1901	1
 Electronic door bell 127 Vac - 2M Rated voltage: 127 Vac / 60 Hz. 4 melodies available. Acoustic power at 1 meter with cover plate: 72 dB.			
White	N2224.1 BL	2CLA222410N1101	1
Silver	N2224.1 PL	2CLA222410N1301	1
Anthracite	N2224.1 AN	2CLA222410N1801	1
Champagne	N2224.1 CV	2CLA222410N1901	1

Blank covers / Cable outlets




Color	Article-No.	Order-No.	Pack/Qty
 Blank cover plate - 1M Blank cover plate for spare spaces. Size: 1 module.			
White	N2100 BL	2CLA210000N1101	10
Silver	N2100 PL	2CLA210000N1301	10
Anthracite	N2100 AN	2CLA210000N1801	10
Champagne	N2100 CV	2CLA210000N1901	10
 Blank cover plate - 2M Blank cover plate for spare spaces. Size: 2 modules.			
White	N2200 BL	2CLA220000N1101	20
Silver	N2200 PL	2CLA220000N1301	20
Anthracite	N2200 AN	2CLA220000N1801	20
Champagne	N2200 CV	2CLA220000N1901	20
 Cable outlet - 1M Maximum cable diameter: 6 mm. Cable tie included.			
White	N2107 BL	2CLA210700N1101	10
Silver	N2107 PL	2CLA210700N1301	10
Anthracite	N2107 AN	2CLA210700N1801	10
Champagne	N2107 CV	2CLA210700N1901	10
 Cable outlet - 2M Maximum cable diameter: 6 mm. Cable tie included.			
White	N2207 BL	2CLA220700N1101	10
Silver	N2207 PL	2CLA220700N1301	10
Anthracite	N2207 AN	2CLA220700N1801	10
Champagne	N2207 CV	2CLA220700N1901	10

Zenit - Sound system

Multiroom Bluetooth system


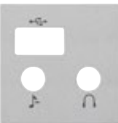
Product	Article-No.	Order-No.	Pack/Qty
	Multiroom sound module Rated voltage: 127-230 Vac ± 15%; 50-60 Hz. Max. consumption: 200 mA. Stand-by consumption: 0,3W. Amplifier power: 6+6 W; <1% distortion (4 Ω). Speaker impedance: 4 Ω (2+2 W audio). FM radio digital tuner with RDS. Alarm clock with buzzer, radio types and snooze function. Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1. Multiroom function available (1 master device and up to 14 slave devices). Remote control using code 9368.2 (ZigBee 2.4GHz IEEE 802.15.4). Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output) and USB connection functions.		
	9368.1	2CLA936810A1001	1
	Remote control for multiroom sound module - 2M Rated voltage: 127-230 Vac ± 15%; 50-60 Hz. Max. consumption: 15 mA. Stand-by consumption: 0,5W. To control 9368.1 module (1 remote control for each module). Wireless connection between moles 9368.1 and 9368.2 (ZigBee 2.4GHz IEEE 802.15.4). 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). Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: N2268.		
	9368.2	2CLA936820A1001	1
	Cover plate for radio/remote control modules Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7.		
White	N2268 BL	2CLA226800N1101	1
Silver	N2268 PL	2CLA226800N1301	1
Anthracite	N2268 AN	2CLA226800N1801	1
Champagne	N2268 CV	2CLA226800N1901	1

FM radio with alarm



Product	Article-No.	Order-No.	Pack/Qty
	FM-radio and alarm module - 2M Rated voltage: 230 Vac ± 15%; 50-60 Hz. Max. consumption: 100 mA. Stand-by consumption: 0,2W. Amplifier power: 2+2 W; <1% distortion (16 Ω). Speaker impedance: 16 Ω (2+2 W audio). FM radio digital tuner with RDS. Alarm clock with buzzer, radio types and snooze function. Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output), USB connection and Bluetooth receiver functions. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: N2268.		
	9368	2CLA936800A1001	1
	FM-radio and alarm module - 2M Rated voltage: 127 Vac ± 15%; 50-60 Hz. Max. consumption: 100 mA. Stand-by consumption: 0,2W. Amplifier power: 2+2 W; <1% distortion (16 Ω). Speaker impedance: 16 Ω (2+2 W audio). FM radio digital tuner with RDS. Alarm clock with buzzer, radio types and snooze function. Optional: auxiliary module 9368.3 for I/O (1 mini-jack stereo input & 1 mini-jack stereo output), USB connection and Bluetooth receiver functions. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: N2268.		
	9368.7	2CLA936870A1001	1
	Cover plate for radio/remote control modules Cover plate for FM-radio module and for remote control module code: 9368, 9368.2 & 9368.7.		
White	N2268 BL	2CLA226800N1101	1
Silver	N2268 PL	2CLA226800N1301	1
Anthracite	N2268 AN	2CLA226800N1801	1
Champagne	N2268 CV	2CLA226800N1901	1

Zenit - Sound system

Auxiliary module


Product	Article-No.	Order-No.	Pack/Qty
 Auxiliary module - 2M Power supply through 9368, 9368.2 or 9368.7 modules. Max. consumption: 200 mA. Stand-by consumption: 0,4W. Bluetooth receiver: Bluetooth® v2.1 2.4GHz IEEE 802.15.1. USB connector: for MP3 and WAV files. Max. consumption of the connected device: 100 mA @5Vdc. Input: 1x mini-jack stereo 3,5 mm. Output: 1x mini-jack stereo 3,5 mm. Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: N2268.3.			
	9368.3	2CLA936830A1001	1
 Cover plate for I/O + USB + Bluetooth module Cover plate for I/O + USB + Bluetooth module code: 9368.3.			
White	N2268.3 BL	2CLA226830N1101	1
Silver	N2268.3 PL	2CLA226830N1301	1
Anthracite	N2268.3 AN	2CLA226830N1801	1
Champagne	N2268.3 CV	2CLA226830N1901	1

Bluetooth audio module


Color	Article-No.	Order-No.	Pack/Qty
 Bluetooth sound module - 2M Rated voltage: 110-230 Vac \pm 15%; 50-60 Hz Max. consumption: 7W Stand-by consumption: 0,2W Amplifier power: 2+2 W; <1% distortion (16 Ω) Speaker impedance: 16 Ω (2+2 W audio) Audio inputs: - Bluetooth: stereo Bluetooth® 4 version receiver with A2DP-SINK profile and memory for 8 links. - Front input (AUX): 1x mini-jack stereo 3,5 mm. - Rear input (TV): screw type terminal with 3 contacts (stereo). Mounting grid delivered with the cover plate (without fixing claws). Cover plate code: N2268.4			
	9368.4	2CLA936840A1001	1
 Cover plate for Bluetooth sound module Cover plate for Bluetooth sound module code: 9368.4.			
White	N2268.4 BL	2CLA226840N1101	1
Silver	N2268.4 PL	2CLA226840N1301	1
Anthracite	N2268.4 AN	2CLA226840N1801	1
Champagne	N2268.4 CV	2CLA226840N1901	1

Zenit - Sound system




Auxiliary amplifier

Product	Article-No.	Order-No.	Pack/Qty
	Auxiliary 20W amplifier Rated voltage: 230 Vac \pm 10 % / 50-60 Hz. Power consumption: 3,5 VA (max. 36 VA). Output voltage: 15 V- (max. 1,5 A). Output power: - 10 + 10 W (2 Ω). - 20 W (4 Ω). Speaker impedance: - 2 - 16 Ω (10 + 10 W). - 4 - 16 Ω (20 W). Can be operated in booster mode with FM radio modules 9368 and 9368.7 and multiroom modules 9368.1. Can be operated in ""standalone"" mode with one audio input. Can be used in bridge operation. For extending the number of speakers at one amplifier insert. For max. 16 speakers code 9329 or 9329.1. DIN-rail installation. Module width: 7.		
	9335.1	2CLA933510A1001	1

Speaker connection unit




			
Speaker connection unit - 2M Front: 2x spring speaker terminals (Red/Black). Rear: 2x screw terminals.			
White	N2257.1 BL	2CLA225710N1101	1
Silver	N2257.1 PL	2CLA225710N1301	1
Anthracite	N2257.1 AN	2CLA225710N1801	1
Champagne	N2257.1 CV	2CLA225710N1901	1




2" loudspeaker for wall

Product	Article-No.	Order-No.	Pack/Qty
	2" loudspeaker 2 W Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.4, 9368.7 and 9335.1. With broadband characteristics. With screwless terminals. Rated output: 2 W (RMS). Frequency response: 150 - 16.000 Hz. Impedance: 16 Ohm. Mounting depth: 34 mm. Without fixing claws. Cover plate code: N2229, 8629 & 9399.4.		
	9329	2CLA932900A1001	1
			
Cover plate for 2" loudspeaker Cover plate for 2" loudspeaker code: 9329.			
White	N2229 BL	2CLA222900N1101	5
Silver	N2229 PL	2CLA222900N1301	5
Anthracite	N2229 AN	2CLA222900N1801	5
Champagne	N2229 CV	2CLA222900N1901	5
			
Embellishing grid for 2" loudspeaker Embellishing grid for 2" loudspeaker code: 9329. Plastic material.			
White	9399.4 BA	2CLA939940A1001	5
Black	9399.4 NG	2CLA939940A1501	5

Zenit - Sound system




Loudspeakers for ceiling


Product	Article-No.	Order-No.	Pack/Qty
	5" loudspeaker 6 W Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.4, 9368.7 and 9335.1. With broadband characteristics. With screw terminals. Rated output: 6 W (RMS). Frequency response: 70 - 10.000 Hz. Impedance: 16 Ohm. Flush mounted installation with 9399 mounting box or 9399.1 mounting ring. Embellishing grid code: 9399.2.		
	9329.1	2CLA932910A1001	1
	Installation box for 5" loudspeaker For 9329.1 loudspeaker. For flush-mounted assembly. Drilling measurements: 174 mm. Mounting depth: 84 mm.		
	9399	2CLA939900A1001	12
	Installation ring for 5" loudspeaker For 9329.1 loudspeaker. For mounting in hollow walls/ceilings. With spring brackets. Drilling measurements: 160 mm. Mounting depth: 110 mm.		
	9399.1	2CLA939910A1001	12
	Embellishing grid for 5" loudspeaker Embellishing grid for 5" loudspeaker code: 9329.1. Plastic material. With central fixation screw.		
	9399.2	2CLA939920A1001	12

Product	Article-No.	Order-No.	Pack/Qty
	HiFi built-in ceiling loudspeaker - 5" Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.4, 9368.7 and 9335.1. 2-way system. For mounting in hollow walls/ceilings. With spring brackets. In corrosion-resistant metal design. With integrated loudspeaker grid. With screwless terminals. Nominal power: 30 W Frequency response: 50 - 20.000 Hz Impedance: 8 Ohm Drilling measurements: 165 mm. Mounting depth: 72 mm.		
	8226/10 EB	2CKA008200A0202	1
	Built-in ceiling loudspeaker - 5" Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.4, 9368.7 and 9335.1. With broadband characteristics. For mounting in hollow walls/ceilings. With spring brackets. In corrosion-resistant metal design. With integrated loudspeaker grid. With screwless terminals. Nominal power: 30 W Frequency response: 50 - 20.000 Hz Impedance: 8 Ohm Drilling measurements: 165 mm Mounting depth: 72 mm		
	8226 EB	2CKA008200A0201	1
	Built-in ceiling loudspeaker - 3" Compatible with sound modules and amplifier code: 9368, 9368.1, 9368.4, 9368.7 and 9335.1. With broadband characteristics. For mounting in hollow walls/ceilings. With spring brackets. In corrosion-resistant metal design. With integrated loudspeaker grid. With screwless terminals. Nominal power: 10 W Frequency response: 90 - 20.000 Hz Impedance: 8 Ohm Drilling measurements: 90 mm Mounting depth: 38 mm		
	8225 EB	2CKA008200A0200	1


Zenit - ABB i-bus® KNX

Sensors


Product	Article-No.	Order-No.	Pack/Qty
	KNX sensor - 1/2-gang - 2M For ABB i-bus® KNX. 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. The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, scene and FanCoil. Push switch function: switching / dimming / blind / sending values / scenes etc. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Temperature range (Device): -5 °C to 45 °C. To be installed with N2221.2 cover plates.		
	6125/98-509	2CKA006115A0444	1
	KNX sensor - 2/4-gang - 2M For ABB i-bus® KNX. 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. The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, scene and FanCoil. Push switch function: switching / dimming / blind / sending values / scenes etc. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Temperature range (Device): -5 °C to 45 °C. To be installed with N2221.4 cover plates.		
	6126/98-509	2CKA006116A0219	1
	KNX sensor - 3/6-gang - 2M For ABB i-bus® KNX. 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. The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, scene and FanCoil. Push switch function: switching / dimming / blind / sending values / scenes etc. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Temperature range (Device): -5 °C to 45 °C. To be installed with N2221.6 cover plates.		
	6129/96-509	2CKA006118A0105	1

Product	Article-No.	Order-No.	Pack/Qty
	KNX sensor - 3/6-gang with IR receiver - 2M For ABB i-bus® KNX. 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. The accompanying symbol can be replaced by the symbols for lighting, blinds, room thermostat, scene and FanCoil. Push switch function: switching / dimming / blind / sending values / scenes etc. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Temperature range (Device): -5 °C to 45 °C. To be installed with N2221.7 cover plates.		
	6129/98-509	2CKA006118A0108	1

Room temperature controller



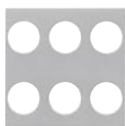

	KNX room temperature controller - 2M For ABB i-bus® KNX. Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators. The controller is a thermostat for Fan Coil units in 2- and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in automatic mode. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Switch contacts for operating mode selection and dial for setpoint or fan speed adjustment. Display elements: LCD showing operation modes. Temperature range (Device): -5 °C to 45 °C. To be installed with N2240.4 cover plates.		
	6124/98-509	2CKA006134A0297	1



Motion sensor

	KNX 180° motion sensor - 2M For ABB i-bus® KNX. Movement detector with up to 4 channels. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Detection range: frontal: 6 m, lateral: 6 m. Brightness limit value: 5 Lux - 150 Lux. Detection angle: 180 ° Dimensions: (L x W x D): 53 mm x 44 mm. Position for installation: vertical. Mounting height: 1.1 m. To be installed with N2241.4 cover plates.		
	6122/98-509	2CKA006132A0307	1


Zenit - ABB i-bus® KNX

Covers for sensors

Color	Article-No.	Order-No.	Pack/Qty
 Cover plate - KNX 1/2-gang sensors - 2M Cover plate for KNX sensors 1/2-gang code: 6125/98-509.			
White	N2221.2 BL	2CLA222120N1102	1
Silver	N2221.2 PL	2CLA222120N1302	1
Anthracite	N2221.2 AN	2CLA222120N1802	1
Champagne	N2221.2 CV	2CLA222120N1902	1
 Cover plate - KNX 2/4-gang sensors - 2M Cover plate for KNX sensors 2/4-gang code: 6126/98-509.			
White	N2221.4 BL	2CLA222140N1102	1
Silver	N2221.4 PL	2CLA222140N1302	1
Anthracite	N2221.4 AN	2CLA222140N1802	1
Champagne	N2221.4 CV	2CLA222140N1902	1
 Cover plate - KNX 3-gang sensors - 2M Cover plate for KNX sensors 3/6-gang code: 6129/96-509.			
White	N2221.6 BL	2CLA222160N1102	1
Silver	N2221.6 PL	2CLA222160N1302	1
Anthracite	N2221.6 AN	2CLA222160N1802	1
Champagne	N2221.6 CV	2CLA222160N1902	1
 Cover plate - KNX 3-gang sensors with IR - 2M Cover plate for KNX sensors 3/6-gang with IR receiver code: 6129/98-509.			
White	N2221.7 BL	2CLA222170N1102	1
Silver	N2221.7 PL	2CLA222170N1302	1
Anthracite	N2221.7 AN	2CLA222170N1802	1
Champagne	N2221.7 CV	2CLA222170N1902	1


Color	Article-No.	Order-No.	Pack/Qty
 Cover plate - KNX RTC - 2M Cover plate for KNX RTC sensors code: 6124/98-509.			
White	N2240.4 BL	2CLA224040N1102	1
Silver	N2240.4 PL	2CLA224040N1302	1
Anthracite	N2240.4 AN	2CLA224040N1802	1
Champagne	N2240.4 CV	2CLA224040N1902	1
 Cover plate - KNX RTC - 2M Cover plate for KNX RTC sensors code: 6124/98-509.			
White	N2241.4 BL	2CLA224140N1102	1
Silver	N2241.4 PL	2CLA224140N1302	1
Anthracite	N2241.4 AN	2CLA224140N1802	1
Champagne	N2241.4 CV	2CLA224140N1902	1


Buttons with symbols

 KNX button with symbol Button with ABB i-bus® KNX symbol for sensor's cover plates code: N2221.2, N2221.4, N2221.6 and N2221.7. - 6123/20-500: light symbol. - 6123/21-500: blind symbol. - 6123/22-500: scene symbol. - 6123/23-500: RTC symbol. - 6123/24-500: ceiling light symbol. - 6123/26-500: fan coil symbol.			
Gray	6123/20-500	2CKA006123A0001	1
Gray	6123/21-500	2CKA006123A0002	1
Gray	6123/22-500	2CKA006123A0003	1
Gray	6123/23-500	2CKA006123A0004	1
Gray	6123/24-500	2CKA006123A0005	1
Gray	6123/26-500	2CKA006123A0006	1


Zenit - ABB-free@home®


Sensors

Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor unit 1-gang - 2M For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 2 fold push buttons. Control element: Switch contacts top/ bottom. Display elements: LED as light for orientation or display of switching state. Protection class of device: IP 20. Mounting depth: 14,1 mm. To be installed with SR-2-N2 cover plates.		
	SSA-F-1.0.PB.1	2CKA006220A0222	1


	free@home Sensor unit 2-gang - 2M For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 4 fold push buttons. Control element: Switch contacts top/ bottom. Display elements: LED as light for orientation or display of switching state. Protection class of device: IP 20. Mounting depth: 14,1 mm. To be installed with SR-4-N2 cover plates.		
	SSA-F-2.0.PB.1	2CKA006220A0223	1

Sensor & switch actuators

	free@home Sensor/Switch actuator 1/1-gang - 2M 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. Outputs: 1× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-2-N2 cover plates.		
	SSA-F-1.1.PB.1	2CKA006220A0232	1


	free@home Sensor/Switch actuator 2/1-gang - 2M 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. Outputs: 1× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-4-N2 cover plates.		
	SSA-F-2.1.PB.1	2CKA006220A0233	1

Sensor & switch actuators

Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor/Switch actuator 2/2-gang - 2M 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. Outputs: 2× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2 x 1200 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-4-N2 cover plates.		
	SSA-F-2.2.PB.1	2CKA006220A0234	1



Sensor & dimmer actuators

	free@home Sensor/Dimmer actuator 1/1-gang - 2M For dimming 127/230 V~ loads. With integrated universal dimming. Actuator for controlling different lamps. The dimming function. Is available pre-configured. Use with ABB-free@home® 2 fold. Push buttons. Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps and low-voltage. Halogen lamps with conventional transformers or electronic. Transformers. Rated power: 10–180 W/VA. Suitable for: LEDi and energy-saving bulbs. Rated power: 2–80 W/VA. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-2-N2 cover plates.		
	SDA-F-1.1.PB.1	2CKA006220A0235	1


	free@home Sensor/Dimmer actuator 2/1-gang - 2M 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. Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10–180 W/VA. Suitable for: LEDi and energy-saving bulbs. Rated power: 2–80 W/VA. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-4-N2 cover plates.		
	SDA-F-2.1.PB.1	2CKA006220A0236	1

Zenit - ABB-free@home®



Sensor & blind actuators

Product	Article-No.	Order-No.	Pack/Qty
	free@home Sensor/Blind actuator 1/1-gang - 2M 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. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-2-N2 cover plates.		
	SBA-F-1.1.PB.1	2CKA006220A0237	1
	free@home Sensor/Blind actuator 2/1-gang - 2M 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. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-4-N2 cover plates.		
	SBA-F-2.1.PB.1	2CKA006220A0238	1

Sensor & dimmer actuators



	free@home Room temperature controller - 2M Room temperature control function for controlling commercially available valve drives or analogue valve drives (continuous controllers). With display of set-value temperature. Only to be used with ABB-free@home® Zenit cover plates for room thermostat. Display elements: LCD Display showing operation modes. Protection class of device: IP 20. Mounting depth: 17,9 mm. To be installed with CP-RTC-N2 or CP-RTC-FC-N2 cover plates.		
	RTC-F-1.PB	2CKA006220A0276	1

Motion sensor & actuators



Product	Article-No.	Order-No.	Pack/Qty
	free@home 180° motion sensor - 2M 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. Detection range: frontal 6 m, lateral 3 m. Detection angle: 180°. Brightness limit value: 1 – 500 lux. Protection class of device: IP 20. Mounting depth: 14.1 mm. To be installed with CP-MD-N2 cover plates.		
	MD-F-1.0.PB.1	2CKA006220A0229	1
	free@home 180° motion sensor/actuator - 2M 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. Outputs: 1× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Detection range: frontal 6 m, lateral 3 m. Detection angle: 180°. Brightness limit value: 1 – 500 lux. Protection class of device: IP 20. Mounting depth: 31.5 mm. To be installed with CP-MD-N2 cover plates.		
	MSA-F-1.1.PB.1	2CKA006220A0231	1

Zenit - ABB-free@home®


Sensors - Wireless

Product	Article-No.	Order-No.	Pack/Qty
 <p>free@home Wireless sensor unit 1-gang - 2M Wireless communication with the system. For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 2 fold push buttons. Control element: Switch contacts top/ bottom. Display elements: LED as light for orientation or display of switching state. Protection class of device: IP 20. Mounting depth: 14,1 mm. To be installed with SR-2-N2 cover plates.</p>	SU-F-1.0.PB.1-WL	2CKA006200A0106	1
 <p>free@home Wireless sensor unit 2-gang - 2M Wireless communication with the system. For sending switching, dimming and blind commands to an ABB-free@home® actuator. To be used with ABB-free@home® 4 fold push buttons. Control element: Switch contacts top/ bottom. Display elements: LED as light for orientation or display of switching state. Protection class of device: IP 20. Mounting depth: 14,1 mm. To be installed with SR-4-N2 cover plates.</p>	SU-F-2.0.PB.1-WL	2CKA006200A0107	1



Sensors & switch actuators - Wireless

 <p>free@home Wireless sensor/ Switch actuator 1/1-gang - 2M Wireless communication with the system. For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 2 fold push buttons. Outputs: 1× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-2-N2 cover plates.</p>	SSA-F-1.1.PB.1-WL	2CKA006200A0108	1
 <p>free@home Wireless sensor/ Switch actuator 2/1-gang - 2M Wireless communication with the system. For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 4 fold push buttons. Outputs: 1× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-4-N2 cover plates.</p>	SSA-F-2.1.PB.1-WL	2CKA006200A0109	1

Sensors & switch actuators - Wireless



Product	Article-No.	Order-No.	Pack/Qty
 <p>free@home Wireless sensor/ Switch actuator 2/2-gang - 2M Wireless communication with the system. For switching 230 V~ devices. With 1 integrated switch actuator. Switching function is available pre-configured. Use with ABB-free@home® 4 fold push buttons. Outputs: 2× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2 x 1200 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-4-N2 cover plates.</p>	SSA-F-2.2.PB.1-WL	2CKA006200A0110	1

Sensors & dimmer actuators - Wireless



 <p>free@home Wireless sensor/ Dimmer actuator 1/1-gang - 2M Wireless communication with the system. 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® 2 fold. Push buttons. Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps and low-voltage. Halogen lamps with conventional transformers or electronic. Transformers. Rated power: 10–180 W/VA. Suitable for: LEDi and energy-saving bulbs. Rated power: 2–80 W/VA. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-2-N2 cover plates.</p>	SDA-F-1.1.PB.1-WL	2CKA006200A0111	1
 <p>free@home Wireless sensor/ Dimmer actuator 2/1-gang - 2M Wireless communication with the system. 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. Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10–180 W/VA. Suitable for: LEDi and energy-saving bulbs. Rated power: 2–80 W/VA. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-4-N2 cover plates.</p>	SDA-F-2.1.PB.1-WL	2CKA006200A0112	1

Zenit - ABB-free@home®


Sensors & blind actuators - Wireless

Product	Article-No.	Order-No.	Pack/Qty
 <p>free@home Wireless sensor/Blind actuator 1/1-gang - 2M Wireless communication with the system. 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. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-2-N2 cover plates.</p>			
SBA-F-1.1.PB.1-WL	2CKA006200A0113		1
 <p>free@home Wireless sensor/Blind actuator 2/1-gang - 2M Wireless communication with the system. 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. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 31,5 mm. To be installed with SR-4-N2 cover plates.</p>			
SBA-F-2.1.PB.1-WL	2CKA006200A0114		1

Room temperature controllers - Wireless






Product	Article-No.	Order-No.	Pack/Qty
 <p>free@home Wireless room temperature controller - 2M Wireless communication with the system. Room temperature control function for controlling commercially available valve drives or analogue valve drives (continuous controllers). With display of set-value temperature. Display elements: LCD Display showing operation modes. Mounting depth: 17,9 mm. To be installed with CP-RTC-N2 or CP-RTC-FC-N2 cover plates.</p>			
RTC-F-1.PB-WL	2CKA006200A0115		1
 <p>free@home Wireless RTC / Heating actuator - 2M Wireless communication with the system. Heating/cooling operation. 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). 3 wire connection (neutral conductor required). Control element: Floating rocker for the selection of set values and operating modes Display elements: LCD showing operation modes Rated voltage: 230 V~ / 50-60 Hz Outputs: 1 Normally open contact, potential-bound Suitable for: ohmic Rated current: 16 A Output voltage: 230 V~ Rated power: 3680 W Mounting depth: 32 mm. To be installed with CP-RTC-N2 cover plates.</p>			
RTC-F-2.1.1.PB-WL	2CKA006200A0116		1

Motion sensor & actuator - Wireless


 <p>free@home Wireless 180° motion sensor/actuator - 2M 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. Outputs: 1× normally open contact, potential free. Suitable for: resistive. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Detection range: frontal 6 m, lateral 3 m. Detection angle: 180°. Brightness limit value: 1 – 500 lux. Protection class of device: IP 20. Mounting depth: 31.5 mm. To be installed with CP-MD-N2 cover plates.</p>			
MSA-F-1.1.1-WL	2CKA006200A0117		1

Zenit - ABB-free@home®

Covers for sensors & actuators

Color	Article-No.	Order-No.	Pack/Qty
 Cover plate - free@home 1-gang sensors - 2M 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. Included: 2 buttons without symbol.			
White	SR-2-N2 BL	2CLA222620N1102	5
Silver	SR-2-N2 PL	2CLA222620N1302	5
Anthracite	SR-2-N2 AN	2CLA222620N1802	5
Champagne	SR-2-N2 CV	2CLA222620N1902	5
 Cover plate - free@home 2-gang sensors - 2M 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. Included: 4 buttons without symbol.			
White	SR-4-N2 BL	2CLA222640N1102	5
Silver	SR-4-N2 PL	2CLA222640N1302	5
Anthracite	SR-4-N2 AN	2CLA222640N1802	5
Champagne	SR-4-N2 CV	2CLA222640N1902	5
 Cover plate - free@home RTC - 2M Cover plate with RTC symbols for free@home room temperature controller code RTC-F-1.PB.			
White	CP-RTC-N2 BL	2CLA224060N1102	5
Silver	CP-RTC-N2 PL	2CLA224060N1302	5
Anthracite	CP-RTC-N2 AN	2CLA224060N1802	5
Champagne	CP-RTC-N2 CV	2CLA224060N1902	5
 Cover plate - free@home fan coil control - 2M Cover plate with fan coil control symbols for free@home room temperature controller code RTC-F-1.PB.			
White	CP-RTC-FC-N2 BL	2CLA225420N1102	5
Silver	CP-RTC-FC-N2 PL	2CLA225420N1302	5
Anthracite	CP-RTC-FC-N2 AN	2CLA225420N1802	5
Champagne	CP-RTC-FC-N2 CV	2CLA225420N1902	5
 Cover plate - free@home motion sensor - 2M Cover plate for free@home motion sensors and sensor/actuators code: MD-F-1.0.PB.1 and MSA-F-1.1.PB.1.			
White	CP-MD-N2 BL	2CLA224160N1102	5
Silver	CP-MD-N2 PL	2CLA224160N1302	5
Anthracite	CP-MD-N2 AN	2CLA224160N1802	5
Champagne	CP-MD-N2 CV	2CLA224160N1902	5

Buttons with symbols

Color	Article-No.	Order-No.	Pack/Qty
 free@home button with symbol Button with free@home symbol for sensor and sensor/actuator's cover plates code: SR-2-N2 and SR-4-N2. - SBL: light symbol. - SBB: blind symbol. - SBS: scene symbol. - SBD: dimmer symbol.			
White	SBL-N2BL	2CLA202610N1102	20
Gray	SBL-N2GR	2CLA202610N1402	20
White	SBB-N2BL	2CLA202620N1102	20
Gray	SBB-N2GR	2CLA202620N1402	20
White	SBS-N2BL	2CLA202630N1102	20
Gray	SBS-N2GR	2CLA202630N1402	20
White	SBD-N2BL	2CLA202640N1102	20
Gray	SBD-N2GR	2CLA202640N1402	20

Zenit

Frames for European square boxes

01



Standard
frame

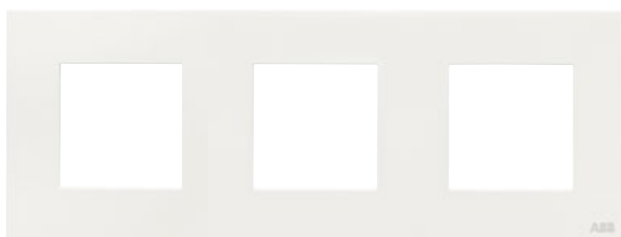
02



03



04



06



07



1 to 5gang cover frame for horizontal
and vertical installation

01 Side view, 7,5 x 85 mm

02 Frame 1-gang, 2 modules

03 Frame 2-gang, 2 + 2 modules

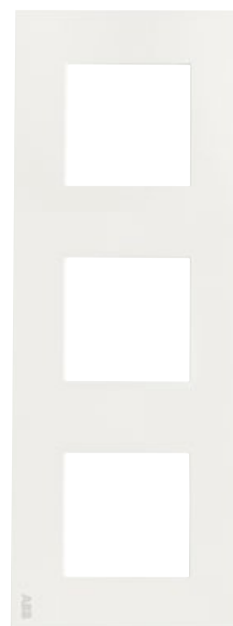
04 Frame 3-gang, 2 + 2 + 2 modules horizontal

05 Frame 3-gang, 2 + 2 + 2 modules vertical

06 Frame 4-gang, 2 + 2 + 2 + 2 modules

07 Frame 5-gang, 2 + 2 + 2 + 2 + 2 modules

05



Basic
frame

Zenit

Frames for European square boxes

BL



CB



CP



PL



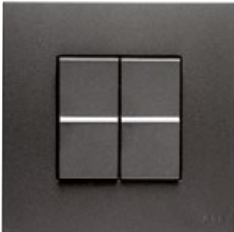
CN



CC



AN



CF



OX



CV



CH



WG



Zenit

BL White
PL Silver
AN Anthracite
CV Champagne

Zenit Noble

CB White Glass
CN Black Glass
CF Graphite Glass
CH Champagne Glass


CP Pearl Glass
CC Coffee Glass
OX Stainless Steel
WG Wenge
PZ Slate

PZ

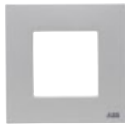


Zenit - Frames for European boxes

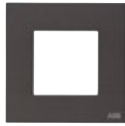
White - Basic

Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Basic - White Color: White 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	1	N2171.1 BL	2CLA217110N1102	20
1-gang	2	N2271.1 BL	2CLA227110N1102	20
2-gang	2+2	N2272.1 BL	2CLA227210N1102	10
3-gang	2+2+2	N2273.1 BL	2CLA227310N1102	5
4-gang	2+2+2+2	N2274.1 BL	2CLA227410N1102	5


Silver - Basic

 Frames 1 to 4-gang - Basic - Silver Color: Silver 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271.1 PL	2CLA227110N1302	20
2-gang	2+2	N2272.1 PL	2CLA227210N1302	10
3-gang	2+2+2	N2273.1 PL	2CLA227310N1302	5
4-gang	2+2+2+2	N2274.1 PL	2CLA227410N1302	5

Anthracite - Basic


Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Basic - Anthracite Color: Anthracite 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271.1 AN	2CLA227110N1802	20
2-gang	2+2	N2272.1 AN	2CLA227210N1802	10
3-gang	2+2+2	N2273.1 AN	2CLA227310N1802	5
4-gang	2+2+2+2	N2274.1 AN	2CLA227410N1802	5

Champagne - Basic

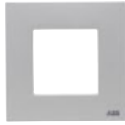
 Frames 1 to 4-gang - Basic - Champagne Color: Champagne Size (height x width): - 1-gang: 85 x 85 mm. - 2-gang: 85 x 156 mm. - 3-gang: 85 x 227 mm. - 4-gang: 85 x 298 mm. Mounting grid code suitable for 60 mm. screw distance boxes: N2271.9, N2271.9G & N2272.9 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271.1 CV	2CLA227110N1902	20
2-gang	2+2	N2272.1 CV	2CLA227210N1902	10
3-gang	2+2+2	N2273.1 CV	2CLA227310N1902	5
4-gang	2+2+2+2	N2274.1 CV	2CLA227410N1902	5

Zenit - Frames for European boxes


White

Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 5-gang - White Color: White 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	1	N2171 BL	2CLA217100N1102	20
1-gang	2	N2271 BL	2CLA227100N1102	20
2-gang	2+2	N2272 BL	2CLA227200N1102	10
3-gang	2+2+2	N2273 BL	2CLA227300N1102	5
4-gang	2+2+2+2	N2274 BL	2CLA227400N1102	5
5-gang	2+2+2+2+2	N2275 BL	2CLA227500N1102	5


Silver

 Frames 1 to 5-gang - Silver Color: Silver 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 PL	2CLA227100N1302	20
2-gang	2+2	N2272 PL	2CLA227200N1302	10
3-gang	2+2+2	N2273 PL	2CLA227300N1302	5
4-gang	2+2+2+2	N2274 PL	2CLA227400N1302	5
5-gang	2+2+2+2+2	N2275 PL	2CLA227500N1302	5

Anthracite


Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 5-gang - Anthracite Color: Anthracite 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 AN	2CLA227100N1802	20
2-gang	2+2	N2272 AN	2CLA227200N1802	10
3-gang	2+2+2	N2273 AN	2CLA227300N1802	5
4-gang	2+2+2+2	N2274 AN	2CLA227400N1802	5
5-gang	2+2+2+2+2	N2275 AN	2CLA227500N1802	5

Champagne


 Frames 1 to 5-gang - Champagne Color: Champagne 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 CV	2CLA227100N1902	20
2-gang	2+2	N2272 CV	2CLA227200N1902	10
3-gang	2+2+2	N2273 CV	2CLA227300N1902	5
4-gang	2+2+2+2	N2274 CV	2CLA227400N1902	5
5-gang	2+2+2+2+2	N2275 CV	2CLA227500N1902	5

Zenit - Frames for European boxes


White Glass

Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - White Glass Color: White Glass. Material: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 CB	2CLA227100N3002	1
2-gang	2+2	N2272 CB	2CLA227200N3002	1
3-gang	2+2+2	N2273 CB	2CLA227300N3002	1
4-gang	2+2+2+2	N2274 CB	2CLA227400N3002	1


Black Glass

 Frames 1 to 4-gang - Noble - Black Glass Color: Black Glass. Material: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 CN	2CLA227100N3102	1
2-gang	2+2	N2272 CN	2CLA227200N3102	1
3-gang	2+2+2	N2273 CN	2CLA227300N3102	1
4-gang	2+2+2+2	N2274 CN	2CLA227400N3102	1

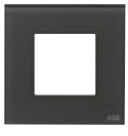
Pearl Glass

 Frames 1 to 4-gang - Noble - Pearl Glass Color: Pearl Glass. Material: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 CP	2CLA227100N3502	1
2-gang	2+2	N2272 CP	2CLA227200N3502	1
3-gang	2+2+2	N2273 CP	2CLA227300N3502	1
4-gang	2+2+2+2	N2274 CP	2CLA227400N3502	1


Coffee Glass

Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - Coffee Glass Color: Coffee Glass. Material: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 CC	2CLA227100N3702	1
2-gang	2+2	N2272 CC	2CLA227200N3702	1
3-gang	2+2+2	N2273 CC	2CLA227300N3702	1
4-gang	2+2+2+2	N2274 CC	2CLA227400N3702	1

Graphite Glass


 Frames 1 to 4-gang - Noble - Graphite Glass Color: Graphite Glass. Material: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 CF	2CLA227100N3802	1
2-gang	2+2	N2272 CF	2CLA227200N3802	1
3-gang	2+2+2	N2273 CF	2CLA227300N3802	1
4-gang	2+2+2+2	N2274 CF	2CLA227400N3802	1

Champagne Glass


 Frames 1 to 4-gang - Noble - Champagne Glass Color: Champagne Glass Material: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 CH	2CLA227100N3902	1
2-gang	2+2	N2272 CH	2CLA227200N3902	1
3-gang	2+2+2	N2273 CH	2CLA227300N3902	1
4-gang	2+2+2+2	N2274 CH	2CLA227400N3902	1

Zenit - Frames for European boxes


Slate

Gangs	Modularity	Article-No.	Order-No.	Pack/Qty
 Frames 1 to 4-gang - Noble - Slate Color: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 PZ	2CLA227100N2202	1
2-gang	2+2	N2272 PZ	2CLA227200N2202	1
3-gang	2+2+2	N2273 PZ	2CLA227300N2202	1
4-gang	2+2+2+2	N2274 PZ	2CLA227400N2202	1

Stainless Steel

 Frames 1 to 4-gang - Noble - Stainless Steel Color: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 OX	2CLA227100N4002	1
2-gang	2+2	N2272 OX	2CLA227200N4002	1
3-gang	2+2+2	N2273 OX	2CLA227300N4002	1
4-gang	2+2+2+2	N2274 OX	2CLA227400N4002	1

Wenge

 Frames 1 to 4-gang - Noble - Wenge Color: 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 Flush mounting boxes code: 1099, 1999 & 1999.2 Surface mounting boxes code: 8591, 8592 & 8593				
1-gang	2	N2271 WG	2CLA227100N2102	1
2-gang	2+2	N2272 WG	2CLA227200N2102	1
3-gang	2+2+2	N2273 WG	2CLA227300N2102	1
4-gang	2+2+2+2	N2274 WG	2CLA227400N2102	1

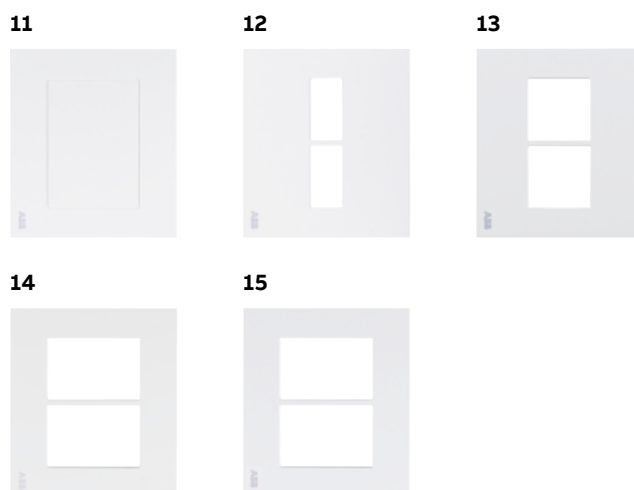
Zenit

Frames for rectangular boxes



1 to 7 modules cover frame for horizontal (Italian) and vertical (American) installation

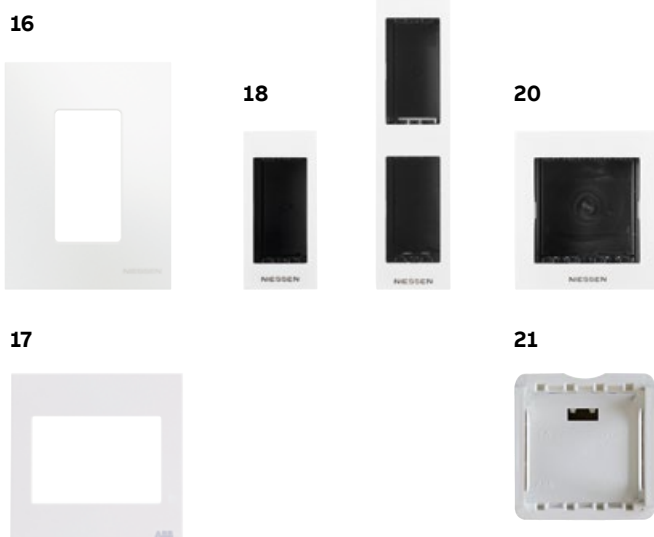
- 01 Side view, 7,5 x 85 mm
- 02 Frame blank for 3 modules box
- 03 Frame 1 module vertical for 3 modules box
- 04 Frame 1 module for 3 modules box
- 05 Frame 1 + 1 modules for 3 modules box
- 06 Frame 2 modules for 3 modules box
- 07 Frame 3 modules in 3 modules American box
- 08 Frame 3 modules in 3 modules Italian box
- 09 Frame 4 modules for 4 modules box
- 10 Frame 7 modules for 7 modules box
- 11 Frame blank for 4" x 4" box
- 12 Frame 1 + 1 modules for 4" x 4" box
- 13 Frame 2 + 2 modules for 4" x 4" box
- 14 Frame 1 + 1 + 1 + 1 modules for 4" x 4" box
- 15 Frame 3 + 3 modules for 4" x 4" box



19

Frames for NEMA inserts, 3 modules in square box, metallic and plastic profiles and DIN-rail

- 16 Frame 1-gang for NEMA inserts
- 17 Frame 1-gang / 3 modules for square box
- 18 Frame 1-gang / 1 module for metallic and plastic profiles
- 19 Frame 2-gang / 1 + 1 modules for metallic and plastic profiles
- 20 Frame 1-gang / 2 modules for metallic and plastic profiles
- 21 Adaptor 1-gang / 2 modules for DIN-rail



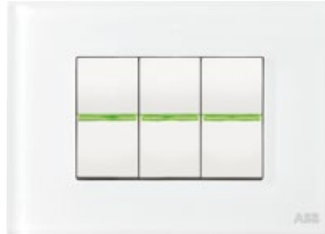
Zenit

Frames for rectangular boxes

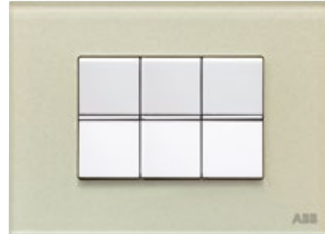
BL



CB



CP



PL



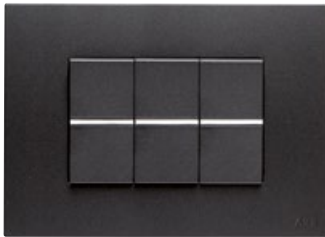
CN



CC



AN



CF



OX



CV



CH



WG



PZ



Zenit

BL White
PL Silver
AN Anthracite
CV Champagne


Zenit Noble

CB White Glass
CN Black Glass
CF Graphite Glass
CH Champagne Glass


CP Pearl Glass
CC Coffee Glass
OX Stainless Steel
WG Wenge
PZ Slate

Zenit - Frames for 3 module boxes


White

Modules	Article-No.	Order-No.	Pack/Qty
 Frames - Blank to 3 modules - White Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
Blank	N2370.1 BL	2CLA237010N1102	20
1 module	N2371.1 BL	2CLA237110N1102	20
1 module V	N2371.1V BL	2CLA237190N1102	20
2 modules	N2372.1 BL	2CLA237210N1102	20
1+1 modules	N2372.2 BL	2CLA237220N1102	20
3 modules	N2373.1 BL	2CLA237310N1102	20


Silver

 Frames - Blank to 3 modules - Silver Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
Blank	N2370.1 PL	2CLA237010N1302	20
1 module	N2371.1 PL	2CLA237110N1302	20
1 module V	N2371.1V PL	2CLA237190N1302	20
2 modules	N2372.1 PL	2CLA237210N1302	20
1+1 modules	N2372.2 PL	2CLA237220N1302	20
3 modules	N2373.1 PL	2CLA237310N1302	20


Anthracite

 Frames - Blank to 3 modules - Anthracite Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
Blank	N2370.1 AN	2CLA237010N1802	20
1 module	N2371.1 AN	2CLA237110N1802	20
1 module V	N2371.1V AN	2CLA237190N1802	20
2 modules	N2372.1 AN	2CLA237210N1802	20
1+1 modules	N2372.2 AN	2CLA237220N1802	20
3 modules	N2373.1 AN	2CLA237310N1802	20


Champagne

Modules	Article-No.	Order-No.	Pack/Qty
 Frames - Blank to 3 modules - Champagne Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
Blank	N2370.1 CV	2CLA237010N1902	20
1 module	N2371.1 CV	2CLA237110N1902	20
1 module V	N2371.1V CV	2CLA237190N1902	20
2 modules	N2372.1 CV	2CLA237210N1902	20
1+1 modules	N2372.2 CV	2CLA237220N1902	20
3 modules	N2373.1 CV	2CLA237310N1902	20

White Glass


 Frames - 3 modules - Noble - White Glass Material: glass Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 CB	2CLA237300N3002	2

Black Glass


 Frames - 2 and 3 modules - Noble - Black Glass Material: glass Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2371.9 (only frames N2371.1 and N2372.1) & N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 CN	2CLA237300N3102	2

Zenit - Frames for 3 module boxes


Pearl Glass

Modules	Article-No.	Order-No.	Pack/Qty
 Frames - 3 modules - Noble - Pearl Glass Material: glass Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 CP	2CLA237300N3502	2


Coffee Glass

 Frames - 3 modules - Noble - Coffee Glass Material: glass Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 CC	2CLA237300N3702	2


Graphite Glass

 Frames - 3 modules - Noble - Graphite Glass Material: glass Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 CF	2CLA237300N3802	2


Champagne Glass

 Frames - 3 modules - Noble - Champagne Glass Material: glass Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 CH	2CLA237300N3902	2


Slate

Modules	Article-No.	Order-No.	Pack/Qty
 Frames - 3 modules - Noble - Slate Material: slate Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 PZ	2CLA237300N2202	2

Stainless Steel


 Frames - 3 modules - Noble - Stainless Steel Material: stainless steel Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 OX	2CLA237300N4002	2

Wenge


 Frames - 3 modules - Noble - Wenge Material: wood Size (height x width): 122 x 90 mm. Mounting plate code suitable for 83,5 mm. screw distance boxes: N2473.9. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" boxes and American boxes. Flush mounting boxes code: 499.3 Surface mounting boxes code: N2993			
3 modules	N2373.1 WG	2CLA237310N2102	2

Zenit - Frames for 4 module boxes


White

Modules	Article-No.	Order-No.	Pack/Qty
 <p>Frames - 4 modules - White Size (height x width): 139 x 85 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Frame and mounting plate also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994</p>			
4 modules	N2374.1 BL	2CLA237410N1102	10


Silver

 <p>Frames - 4 modules - Silver Size (height x width): 139 x 85 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994</p>			
4 modules	N2374.1 PL	2CLA237410N1302	10


Anthracite

 <p>Frames - 4 modules - Anthracite Size (height x width): 139 x 85 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Frame and mounting plate also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994</p>			
4 modules	N2374.1 AN	2CLA237410N1802	10


Champagne

 <p>Frames - 4 modules - Champagne Size (height x width): 139 x 85 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Frame and mounting plate also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994</p>			
4 modules	N2374.1 CV	2CLA237410N1902	10


White Glass

Modules	Article-No.	Order-No.	Pack/Qty
 <p>Frames - 4 modules - Noble - White Glass Material: glass Size (height x width): 142 x 90 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Frame and mounting plate also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994</p>			
4 modules	N2374.1 CB	2CLA237400N3002	2


Black Glass

 <p>Frames - 4 modules - Noble - Black Glass Material: glass Size (height x width): 142 x 90 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Frame and mounting plate also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994</p>			
4 modules	N2374.1 CN	2CLA237400N3102	2


Slate

Modules	Article-No.	Order-No.	Pack/Qty
 Frames - 4 modules - Noble - Slate Material: slate Size (height x width): 142 x 90 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Frame and mounting plate also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994			
4 modules	N2374.1 PZ	2CLA237400N2202	2

Stainless Steel


 Frames - 4 modules - Noble - Stainless Steel Material: slate Size (height x width): 142 x 90 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Frame and mounting plate also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994			
4 modules	N2374.1 OX	2CLA237400N4002	2

Wenge


 Frames - 4 modules - Noble - Wenge Material: wood Size (height x width): 142 x 90 mm Mounting plate code suitable for 107 mm screw distance boxes: N2474.9. Frame and mounting plate also suitable for 4 module Italian type boxes. Flush mounting boxes code: 1499.4 Surface mounting boxes code: N2994			
4 modules	N2374.1 WG	2CLA237410N2102	2

Zenit - Frames for 7 module boxes


White

Modules	Article-No.	Order-No.	Pack/Qty
 Frames - 7 modules Size (height x width): 205 x 85 mm Mounting plate code suitable for 100 mm screw distance 7 module boxes: N2777.9. Flush mounting boxes code: 1499.7			
7 modules	N2777.1 BL	2CLA277710N1102	5


Silver

 Frames - 7 modules Size (height x width): 205 x 85 mm Mounting plate code suitable for 100 mm screw distance 7 module boxes: N2777.9. Flush mounting boxes code: 1499.7			
Silver	N2777.1 PL	2CLA277710N1302	5

Anthracite


 Frames - 7 modules Size (height x width): 205 x 85 mm Mounting plate code suitable for 100 mm screw distance 7 module boxes: N2777.9. Flush mounting boxes code: 1499.7			
Anthracite	N2777.1 AN	2CLA277710N1802	5

Champagne


 Frames - 7 modules Size (height x width): 205 x 85 mm Mounting plate code suitable for 100 mm screw distance 7 module boxes: N2777.9. Flush mounting boxes code: 1499.7			
Champagne	N2777.1 CV	2CLA277710N1902	5

Zenit - Frames for 4" x 4" boxes


White

Modules	Article-No.	Order-No.	Pack/Qty
 Frames - Blank to 6 modules - White Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
Blank	N2670 BL	2CLA267000N1102	5
1+1 modules	N2671.1 BL	2CLA267110N1102	5
2+2 modules	N2672.2 BL	2CLA267220N1102	5
1+1+1+1 modules	N2672.4 BL	2CLA267240N1102	5
3+3 modules	N2673.6 BL	2CLA267360N1102	5


Silver

 Frames - Blank to 6 modules - Silver Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
Blank	N2670 PL	2CLA267000N1302	5
1+1 modules	N2671.1 PL	2CLA267110N1302	5
2+2 modules	N2672.2 PL	2CLA267220N1302	5
1+1+1+1 modules	N2672.4 PL	2CLA267240N1302	5
3+3 modules	N2673.6 PL	2CLA267360N1302	5


Anthracite

 Frames - Blank to 6 modules - Anthracite Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
Blank	N2670 AN	2CLA267000N1802	5
1+1 modules	N2671.1 AN	2CLA267110N1802	5
2+2 modules	N2672.2 AN	2CLA267220N1802	5
1+1+1+1 modules	N2672.4 AN	2CLA267240N1802	5
3+3 modules	N2673.6 AN	2CLA267360N1802	5


Champagne

 Frames - Blank to 6 modules - Champagne Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
Blank	N2670 CV	2CLA267000N1902	5
1+1 modules	N2671.1 CV	2CLA267110N1902	5
2+2 modules	N2672.2 CV	2CLA267220N1902	5
1+1+1+1 modules	N2672.4 CV	2CLA267240N1902	5
3+3 modules	N2673.6 CV	2CLA267360N1902	5


White Glass

Modules	Article-No.	Order-No.	Pack/Qty
 Frames - 6 modules - Noble - White Glass Material: glass Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
3+3 modules	N2673.6 CB	2CLA267360N3002	2


Black Glass

 Frames - 6 modules - Noble - Black Glass Material: glass Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
3+3 modules	N2673.6 CN	2CLA267360N3102	2


Slate

 Frames - 6 modules - Noble - Slate Material: slate Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
3+3 modules	N2673.6 PZ	2CLA267360N2202	2

Stainless Steel


 Frames - 6 modules - Noble - Stainless Steel Stainless Steel Material: stainless steel Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
3+3 modules	N2673.6 OX	2CLA267360N4002	2

Wenge


 Frames - 6 modules - Noble - Wenge Material: wood Size (height x width): 122 x 138 mm. Mounting plate code suitable for 4" x 4" boxes: N2673.9.			
3+3 modules	N2673.6 WG	2CLA267360N2102	5

Zenit - Frames for NEMA inserts and 3 modules in square boxes


White

Gangs	Article-No.	Order-No.	Pack/Qty
 Frames - NEMA rectangular devices - White Size (height x width): 117 x 85 mm. Wallplate for rectangular face NEMA devices (max: 2,62" H x 1,3" W)			
1-gang	N2473.6 BL	2CLA247360N1102	20


Silver

 Frames - NEMA rectangular devices - Silver Size (height x width): 117 x 85 mm. Wallplate for rectangular face NEMA devices (max: 2,62" H x 1,3" W)			
1-gang	N2473.6 PL	2CLA247360N1302	20


Anthracite

 Frames - NEMA rectangular devices - Anthracite Size (height x width): 117 x 85 mm. Wallplate for rectangular face NEMA devices (max: 2,62" H x 1,3" W)			
1-gang	N2473.6 AN	2CLA247360N1802	20


Champagne

 Frames - NEMA rectangular devices - Champagne Size (height x width): 117 x 85 mm. Wallplate for rectangular face NEMA devices (max: 2,62" H x 1,3" W)			
1-gang	N2473.6 CV	2CLA247360N1902	20


White

Gangs	Article-No.	Order-No.	Pack/Qty
 Frames - 3 modules in square box - White Size (height x width): 90 x 90 mm. Mounting plate code suitable for 60 mm. screw distance boxes: N2573.9. Flush mounting boxes code: 1099.			
1-gang	N2573 BL	2CLA257300N1102	20


Silver

 Frames - 3 modules in square box - Silver Size (height x width): 90 x 90 mm. Mounting plate code suitable for 60 mm. screw distance boxes: N2573.9. Flush mounting boxes code: 1099.			
1-gang	N2573 PL	2CLA257300N1302	20

Anthracite

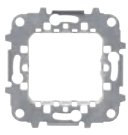
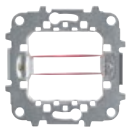



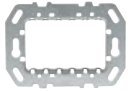
 Frames - 3 modules in square box - Anthracite Size (height x width): 90 x 90 mm. Mounting plate code suitable for 60 mm. screw distance boxes: N2573.9. Flush mounting boxes code: 1099.			
1-gang	N2573 AN	2CLA257300N1802	20



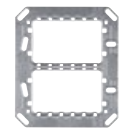



Champagne

 Frames - 3 modules in square box - Champagne Size (height x width): 90 x 90 mm. Mounting plate code suitable for 60 mm. screw distance boxes: N2573.9. Flush mounting boxes code: 1099.			
1-gang	N2573 CV	2CLA257300N1902	20

Zenit







Mounting plates and accesories

Gangs	Modules	Article-No.	Order-No.	Pack/Qty
 <p>Mounting plate for European box For horizontal and vertical installation. To be installed with frames code: N2171 and N227X. Mounting plate suitable for 60 mm screw distance boxes code: 1099, 1999 & 1999.2 or surface mounting boxes code: 8591, 8592 & 8593. With aligning flaps for multigang frames. Optional: elastic claws N2071.9.</p>				
1-gang	2 modules	N2271.9	2CLA227190N1001	20
 <p>Mounting plate for European box with clamps For horizontal and vertical installation. To be installed with frames code: N2171 and N227X. Mounting plate suitable for 60 mm screw distance boxes code: 1099, 1999 & 1999.2 or surface mounting boxes code: 8591, 8592 & 8593. With aligning flaps for multigang frames. Included: fixing claws.</p>				
1-gang	2 modules	N2271.9 G	2CLA227110N1001	20
 <p>Mounting plate for European box For horizontal installation. To be installed with frames code: - N2272: 1x N2272.9. - N2273: 1x N2272.9 + 1x N2271.9. - N2274: 2x N2272.9. - N2275: 2x N2272.9 + 1x N2271.9. Mounting plate suitable for 60 mm screw distance boxes code: 1099, 1999 & 1999.2 or surface mounting boxes code: 8592 & 8593. With aligning flaps for multigang frames.</p>				
2-gang	2+2 modules	N2272.9	2CLA227290N1001	20
 <p>Mounting plate for European box For horizontal installation. To be installed with frames code: - N2273: 1x N2273.9 - N2274: 1x N2273.9 + 1x N2271.9. - N2275: 1x N2273.9 + 1x N2272.9. Mounting plate suitable for 60 mm screw distance boxes code: 1099, 1999 & 1999.2 or surface mounting boxes code: 8592 & 8593. With aligning flaps for multigang frames.</p>				
3-gang	2+2+2 modules	N2273.9	2CLA227390N1001	20
 <p>Mounting plate for 3 module box - Vertical Mounting plate that facilitates the assembly of 1 and 2 module devices in vertical installations. To be installed with frames code: N2371.1V and N2372.1. Mounting plate suitable for 83,5 mm screw distance boxes code: 499.3 or surface mounting boxes code: N2993.</p>				
1-gang	2 modules	N2371.9V	2CLA237190N1001	20
 <p>Mounting plate for 3 module box For horizontal and vertical installation of 1, 2 or 3 module devices. To be installed with frames code: N2370.1, N2371.1, N2372.1, N2372.2 and N2373.1. Mounting plate suitable for 83,5 mm screw distance boxes code: 499.3 or surface mounting boxes code: N2993.</p>				
1-gang	3 modules	N2473.9	2CLA247390N1001	20




Gangs	Modules	Article-No.	Order-No.	Pack/Qty
 <p>Mounting plate for European box For horizontal and vertical installation of 1, 2 or 3 module devices. To be installed with frames code: N2374.1. Mounting plate suitable for 107 mm screw distance boxes code: 1499.4 or surface mounting boxes code: N2994.</p>				
1-gang	4 modules	N2474.9	2CLA247490N1001	20
 <p>Mounting plate for 7 module box For horizontal and vertical installation of 1, 2 or 3 module devices. To be installed with frames code: N2777.1. Mounting plate suitable for 100 mm screw distance boxes code: 1499.7.</p>				
1-gang	7 modules	N2777.9	2CLA277790N1001	20
 <p>Mounting plate for 4"x4" box For horizontal and vertical installation of 1, 2 or 3 module devices. To be installed with frames code: N2670, N2671.1, N2672.2, N2672.4 and N2673.6. Mounting plate suitable for 4"x4" boxes.</p>				
2-gang	3+3 modules	N2673.9	2CLA267390N1001	10
 <p>Mounting plate for square box - 3M For horizontal and vertical installation in square boxes of 1, 2 or 3 module devices. To be installed with frames code: N2573. Mounting plate suitable for 60 mm screw distance boxes code: 1099.</p>				
1-gang	3 modules	N2573.9	2CLA257390N1001	20
 <p>Accessory for elastic claws Accessory that facilitates the installation of 1 module devices in mounting plate N2271.9 with the elastic claws N2071.9.</p>				
		N2071.8	2CLA207180N1001	10
 <p>Elastic claws Fixing elastic claws for mounting plates code: N2271.9.</p>				
		N2071.9	2CLA207190N1001	20

Zenit


Flush mounting boxes

Gangs	Modules	Article-No.	Order-No.	Pack/Qty
 <p>European type box - Bricks and cement Installation box for walls built with bricks or cement. Distance between screws: 60 mm Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9. Allows the input of 2 tubes per each side. Linkable for multigang frames. 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	1099	2CLA009900A1001	50
 <p>European type box - Drywall and partitions Installation box for walls built with drywall or partitions. Distance between screws: 60 mm Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9. Linkable for multigang frames. Included: 2 screws to fix the mounting plate. Shaft diameter: 68 mm.</p>				
1-gang	2 modules	999	2CLA099909A1001	25
 <p>European type box - Drywall and partitions Double box suitable for 2-gang mounting plates. Installation box for walls built with drywall or partitions. Distance between screws: 60 mm Suitable for mounting plates code: N2271.9, N2271.9G & N2272.9. Included: 4 screws to fix the mounting plate. Shaft diameter: 68 mm. Distance between centers: 71 mm.</p>				
2-gang	2+2 modules	999.2	2CLA099920A1001	10
 <p>3 module type box - Bricks and cement Installation box for walls built with bricks or cement. Distance between screws: 83,5 mm. Suitable for mounting plates code: N2371.9 & N2373.9. Included: 2 screws to fix the mounting plate.</p>				
1-gang	3 modules	499.3	2CLA049930A1001	25
 <p>4 module type box - Bricks and cement Installation box for walls built with bricks or cement. Distance between screws: 107 mm Suitable for mounting plates code: N2374.9. Included: 2 screws to fix the mounting plate.</p>				
1-gang	4 modules	1499.4	2CLA049940A1001	20
 <p>7 module type box - Bricks and cement Installation box for walls built with bricks or cement. Distance between screws: 100 mm Suitable for mounting plates code: N2777.9. Without screws. Included: 4 screws to fix the mounting plate.</p>				
1-gang	7 modules	1499.7	2CLA049970A1001	5

Frames for metallic and plastic profiles








Gangs	Modules	Article-No.	Order-No.	Pack/Qty
 <p>Frame for metallic and plastic profiles Frames suitable to be installed in reduced dimensions surfaces as plastic and metallic profiles or screens. For 1 module devices. Size (width x height): 32 x 68 mm. Shaft size (width x height): 26 x 50 mm.</p>				
1-gang	1 module	N2671 BL	2CLA267100N1101	10
1-gang	1 module	N2671 PL	2CLA267100N1301	10
1-gang	1 module	N2671 AN	2CLA267100N1801	10
1-gang	1 module	N2671 CV	2CLA267100N1901	10
 <p>Frame for metallic and plastic profiles Frames suitable to be installed in reduced dimensions surfaces as plastic and metallic profiles or screens. For 1 module devices. Size (width x height): 32 x 126 mm. Shaft size (width x height): 26 x 108 mm.</p>				
2-gang	1+1 module	N2671.2 BL	2CLA267120N1101	5
2-gang	1+1 module	N2671.2 PL	2CLA267120N1301	5
2-gang	1+1 module	N2671.2 AN	2CLA267120N1801	5
2-gang	1+1 module	N2671.2 CV	2CLA267120N1901	5
 <p>Frame for metallic and plastic profiles Frames suitable to be installed in reduced dimensions surfaces as plastic and metallic profiles or screens. For 1 and 2 module devices. Size (width x height): 54 x 68 mm. Shaft size (width x height): 49 x 50 mm.</p>				
1-gang	2 modules	N2672 BL	2CLA267200N1101	6
1-gang	2 modules	N2672 PL	2CLA267200N1301	6
1-gang	2 modules	N2672 AN	2CLA267200N1801	6
1-gang	2 modules	N2672 CV	2CLA267200N1901	6

DIN-rail mounting plate





Gangs	Modules	Article-No.	Order-No.	Pack/Qty
 <p>Adapter for DIN rail - 2M Adapter that facilitates the installation of Zenit devices up to 2 modules in switchboards on DIN rails. RAL 9010. Width: 53,5 mm.</p>				
1-gang	2 modules	N2692 BL	2CLA269200N1101	10

Zenit

IP20 surface mounting boxes




Color	Article-No.	Order-No.	Pack/Qty
 Surface mounting box with frame - 2 modules Surface mounting box for 1 and 2 module devices. The box includes the clipping system to clasp inserts (no mounting plate necessary). Included: frame - 2 modules Size (Width x Height x Depth): 64 x 70 x 47 mm. Pre-cut areas in the 4 sides for N2999 adapters.			
White	N2991.1 BL	2CLA299110N1101	10
 Surface mounting box - 2M Surface mounting box for 1 and 2 module devices. Suitable for 2 module mounting plates N2271.9. Suitable for N2171 and N2271 frames. Size (Width x Height x Depth): 86 x 86 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.			
White	8591 BL	2CLA859100N1101	6
 Surface mounting box - 2+2M Surface mounting box for 1 and 2 module devices. Suitable for 2 module mounting plates N2271.9. Suitable for N2272 frames. Size (Width x Height x Depth): 157 x 86 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.			
White	8592 BL	2CLA859200N1101	5
 Surface mounting box - 2+2+2M Surface mounting box for 1 and 2 module devices. Suitable for 2 module mounting plates N2271.9. Suitable for N2273 frames. Size (Width x Height x Depth): 228 x 86 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.			
White	8593 BL	2CLA859300N1101	1
 Surface mounting box - 3M Surface mounting box for 1, 2 or 3 module devices. Suitable for 3 module mounting plates N2371.9 and N2373.9. Suitable for N2471, N2472 and N2473 frames. Size (Width x Height x Depth): 107 x 85 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.			
White	N2993 BL	2CLA299300N1101	10
 Surface mounting box - 4M Surface mounting box for 1, 2 or 3 module devices. Suitable for 4 module mounting plates N2374.9. Suitable for N2374 frames. Size (Width x Height x Depth): 139 x 85 x 44 mm. Pre-cut areas in the 4 sides for N2999 adapters.			
White	N2994 BL	2CLA299400N1101	5
 Adapter for tubes/pipes Adapter for tubes of Ø16, Ø20, Ø25. Suitable for surface mounting boxes code: N2991.1, 8591, 8592, 8593, N2993 and N2994.			
White	N2999 BL	2CLA299900N1101	10

IP40 surface mounting boxes




Color	Article-No.	Order-No.	Pack/Qty
 Surface mounting box - IP40 - 2 modules Box for surface installation. 1-gang - 2 modules. For 1 or 2 module devices. Size (height x width x depth): 80 x 65 x 55 mm. Color: gray - RAL 7035. Protection degree: IP40 / IK06. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).			
Gray	N3291.1	2CLA329110N1101	10
 Surface mounting box - IP40 - 2+2 modules Box for surface installation. 2-gang - 2+2 modules. For 1 or 2 module devices. Size (height x width x depth): 80 x 130 x 55 mm. Color: gray - RAL 7035. Protection degree: IP40 / IK06. Double incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).			
Gray	N3292.1	2CLA329210N1101	10
 Surface mounting box - IP40 - 2+2+2 modules Box for surface installation. 3-gang - 2+2+2 modules. For 1 or 2 module devices. Size (height x width x depth): 80 x 195 x 55 mm. Color: gray - RAL 7035. Protection degree: IP40 / IK06. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).			
Gray	N3293.1	2CLA329310N1101	5
 Surface mounting box - IP40 - 3 modules Box for surface installation. 1-gang - 3 modules. For 1, 2 or 3 module devices. Size (height x width x depth): 80 x 104 x 55 mm. Color: gray - RAL 7035. Protection degree: IP40 / IK06. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).			
Gray	N3391.1	2CLA339110N1101	10

Zenit

IP55 flush mounting kits




Color	Article-No.	Order-No.	Pack/Qty
 Kit IP55 2-way switch - flush mounted Kit with: - N3271 BL: IP55 frame for flush mounting - 1-gang - 2 modules. - N2202 BL: 1-gang, 2-way / 127 - 250 Vac / 16 AX. - 1-gang, 2 module mounting plate. Protection degree: IP55 (with lid closed). Color: white. Opening angle of the lid: 120°. The lid allows operating the switch in closed position.			
White	N3002	2CLA300200N1101	10
 Kit IP55 push button - flush mounted Kit with: - N3271 BL: IP55 frame for flush mounting - 1-gang - 2 modules. - N2204 BL: 1-gang, 1-way, NO push button / 127 - 250 Vac / 16 A. - 1-gang, 2 module mounting plate. Protection degree: IP55 (with lid closed). Color: white. Opening angle of the lid: 120°. The lid allows operating the push button in closed position.			
White	N3004	2CLA300400N1101	10
 Kit IP55 Schuko socket outlet - flush mounted Kit with: - N3271 BL: IP55 frame for flush mounting - 1-gang - 2 modules. - N2288 BL: Schuko socket outlet / 127 - 250 Vac / 16 A. - 1-gang, 2 module mounting plate. Protection degree: IP55 (with lid closed). Color: white. Opening angle of the lid: 120°.			
White	N3088	2CLA308800N1101	10

IP55 flush mounting frames





Color	Article-No.	Order-No.	Pack/Qty
 Flush mounting frames - IP55 - 2 modules Frames for IP55 flush mounted installations. 1-gang - 2 modules. For 1 or 2 module devices. Size (height x width): 90 x 90 mm. Included: one 1-gang, 2 module mounting plate. Protection degree: IP55 (with lid closed). Opening angle of the lid: 120°. The lid allows operating the switch in closed position. Suitable for 60mm screw distance boxes.			
White	N3271 BL	2CLA327100N1101	10
Gray	N3271 GR	2CLA327100N1701	10
Anthracite	N3271 AN	2CLA327100N1801	10
 Flush mounting frames - IP55 - 2+2 modules Frames for IP55 flush mounted vertical and horizontal installations. 2-gang - 2+2 modules. For 1 or 2 module devices. Size (height x width): 161 x 90 mm. Included: two 1-gang, 2 module mounting plate. Protection degree: IP55 (with lid closed). Opening angle of the lid: 120°. The lid allows operating the switch in closed position. Suitable for 60mm screw distance boxes.			
White	N3272 BL	2CLA327200N1101	5
Gray	N3272 GR	2CLA327200N1701	5
Anthracite	N3272 AN	2CLA327200N1801	5
 Flush mounting frames - IP55 - 3 modules Frames for IP55 flush mounted horizontal installations. 1-gang - 3 modules. For 1, 2 or 3 module devices. Size (height x width): 90 x 122 mm. Included: one 1-gang, 3 module mounting plate. Protection degree: IP55 (with lid closed). Opening angle of the lid: 120°. The lid allows operating the switch in closed position. Suitable for 83,5mm screw distance 3 module boxes.			
White	N3373 BL	2CLA337300N1101	5
Gray	N3373 GR	2CLA337300N1701	5
Anthracite	N3373 AN	2CLA337300N1801	5

Zenit

IP55 surface mounting kits




Color	Article-No.	Order-No.	Pack/Qty
 Kit IP55 2-way switch - surface mounted Kit with: - N3291: IP55 box for surface mounting - 1-gang - 2 modules. - N2202 BL: 1-gang, 2-way / 127 - 250 Vac / 16 AX. Protection degree: IP55 (with lid closed). Color: white device / gray RAL 7035 box. Opening angle of the lid: 120°. <p>The lid allows operating the switch in closed position. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>			
Gray	N3202	2CLA320200N1101	10
 Kit IP55 push button - surface mounted Kit with: - N3291: IP55 box for surface mounting - 1-gang - 2 modules. - N2204 BL: 1-gang, 1-way, NO push button / 127 - 250 Vac / 16 A. Protection degree: IP55 (with lid closed). Color: white device / gray RAL 7035 box. Opening angle of the lid: 120°. <p>The lid allows operating the switch in closed position. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>			
Gray	N3204	2CLA300400N1101	10
 Kit IP55 Schuko socket outlet - surface mounted Kit with: - N3291: IP55 box for surface mounting - 1-gang - 2 modules. - N2288 BL: Schuko socket outlet / 127 - 250 Vac / 16 A. Protection degree: IP55 (with lid closed). Color: white device / gray RAL 7035 box. Opening angle of the lid: 120°. <p>The lid allows operating the switch in closed position. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>			
Gray	N3288	2CLA308800N1101	10

IP55 surface mounting boxes

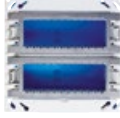


Color	Article-No.	Order-No.	Pack/Qty
 Surface mounting box - IP55 - 2 modules Box for IP55 surface mounted installations. 1-gang - 2 modules. For 1 or 2 module devices. Size (height x width x depth): 80 x 65 x 63 mm Color: gray RAL 7035 Protection degree: IP55 (with lid closed). Opening angle of the lid: 120°. <p>The lid allows operating the switch in closed position. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>			
Gray	N3291	2CLA329100N1101	10
 Surface mounting box - IP55 - 2+2 modules Box for IP55 surface mounted horizontal installations. 2-gang - 2+2 modules. For 1 or 2 module devices. Size (height x width x depth): 80 x 130 x 63 mm. Color: gray RAL 7035. Protection degree: IP55 (with lid closed). Opening angle of the lid: 120°. <p>The lid allows operating the switch in closed position. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>			
Gray	N3292	2CLA329200N1101	10
 Surface mounting box - IP55 - 2+2+2 modules Box for IP55 surface mounted horizontal installations. 3-gang - 2+2+2 modules. For 1 or 2 module devices. Size (height x width x depth): 80 x 195 x 63 mm Color: gray RAL 7035 Protection degree: IP55 (with lid closed). Opening angle of the lid: 120°. <p>The lid allows operating the switch in closed position. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>			
Gray	N3293	2CLA329300N1101	5
 Surface mounting box - IP55 - 3 modules Box for IP55 surface mounted horizontal installations. 1-gang - 3 modules. For 1, 2 or 3 module devices. Size (height x width x depth): 80 x 104 x 63 mm. Color: gray RAL 7035. Protection degree: IP55 (with lid closed). Opening angle of the lid: 120°. <p>The lid allows operating the switch in closed position. Incoming with multi-diameter cone for tubes/cables max. Ø20. The box includes the clipping system to clasp inserts (no mounting plate, nor frame are necessary).</p>			
Gray	N3391	2CLA339100N1101	10

Zenit - centralizations

Surface mounting boxes

Color	Article-No.	Order-No.	Pack/Qty
 Surface mounting box - 12 modules Zenit centralization box for surface mounted installations. 2-gang - 6+6 modules. For 1, 2 or 3 module devices. Size (height x width x depth): 204 x 212 x 55 mm. Included: - Metallic mounting plates (horizontally folding for easy installation). - Screws. - Plugs. Suitable for frames code: T1272.			
White	T1292 BL	2CLA129200T1001	1
Silver	T1292 PL	2CLA129200T1301	1
Anthracite	T1292 AN	2CLA129200T1801	1
 Surface mounting box - 18 modules Zenit centralization box for surface mounted installations. 3-gang - 6+6+6 modules. For 1, 2 or 3 module devices. Size (height x width x depth): 275 x 212 x 55 mm. Included: - Metallic mounting plates (horizontally folding for easy installation). - Screws. - Plugs. Suitable for frames code: T1273.			
White	T1293 BL	2CLA129300T1001	1
Silver	T1293 PL	2CLA129300T1301	1
Anthracite	T1293 AN	2CLA129300T1801	1
 Surface mounting box - 24 modules Zenit centralization box for surface mounted installations. 4-gang - 6+6+6+6 modules. For 1, 2 or 3 module devices. Size (height x width x depth): 346 x 212 x 55 mm. Included: - Metallic mounting plates (horizontally folding for easy installation). - Screws. - Plugs. Suitable for frames code: T1274.			
White	T1294 BL	2CLA129400T1001	1
Silver	T1294 PL	2CLA129400T1301	1
Anthracite	T1294 AN	2CLA129400T1801	1

Flush mounting boxes

Product	Article-No.	Order-No.	Pack/Qty
 Flush mounting box - 12 modules Zenit centralization box for flush mounted installations. 2-gang - 6+6 modules. For 1, 2 or 3 module devices. Size (height x width x depth): 178 x 186 x 55 mm. Included: - Metallic mounting plates (horizontally folding for easy installation). - multi-box linking accessories. - Screws. - Plugs. - Claws for drywall. Suitable for frames code: T1272.			
	T1092.1	2CLA109210T1001	1
 Flush mounting box - 18 modules Zenit centralization box for flush mounted installations. 3-gang - 6+6+6 modules. For 1, 2 or 3 module devices. Size (height x width x depth): 249 x 186 x 55 mm. Included: - Metallic mounting plates (horizontally folding for easy installation). - multi-box linking accessories. - Screws. - Plugs. - Claws for drywall. Suitable for frames code: T1273.			
	T1093.1	2CLA109310T1001	1
 Flush mounting box - 24 modules Zenit centralization box for flush mounted installations. 4-gang - 6+6+6+6 modules. For 1, 2 or 3 module devices. Size (height x width x depth): 320 x 186 x 55 mm. Included: - Metallic mounting plates (horizontally folding for easy installation). - multi-box linking accessories. - Screws. - Plugs. - Claws for drywall. Suitable for frames code: T1274.			
	T1094.1	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	T1272 BL	2CLA127200T1101	1
White/Silver	T1272 BP	2CLA127200T1201	1
Silver	T1272 PL	2CLA127200T1301	1
Anthracite	T1272 AN	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	T1273 BL	2CLA127300T1101	1
White/Silver	T1273 BP	2CLA127300T1201	1
Silver	T1273 PL	2CLA127300T1301	1
Anthracite	T1273 AN	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.

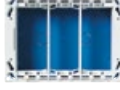
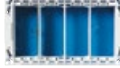
White/White	T1274 BL	2CLA127400T1101	1
White/Silver	T1274 BP	2CLA127400T1201	1
Silver	T1274 PL	2CLA127400T1301	1
Anthracite	T1274 AN	2CLA127400T1801	1

Zenit - workstations

Surface mounting boxes


Color	Article-No.	Order-No.	Pack/Qty
 <p>Surface mounting box - 3 columns Zenit workstation box for surface mounted installations. 3-columns - 2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Size (height x width x depth): 176 x 235 x 45 mm Included: - Mounting plates (vertically folding devices for easy installation). - Multi-box linking accessories. - Screws. - Plugs. - Side cover for trunking system incoming. - Isolating metallic plate to devide power from VDI. Suitable for frames code: T1173.</p>			
White	T1193 BL	2CLA119300T1001	1
Silver	T1193 PL	2CLA119300T1301	1
 <p>Surface mounting box - 4 columns Zenit workstation box for surface mounted installations. 4-columns - 2+2+2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Size (height x width x depth): 176 x 295 x 45 mm Included: - Mounting plates (vertically folding devices for easy installation). - Multi-box linking accessories. - Screws. - Plugs. - Side cover for trunking system incoming. - Isolating metallic plate to devide power from VDI. Suitable for frames code: T1174.</p>			
White	T1194 BL	2CLA119400T1001	1
Silver	T1194 PL	2CLA119400T1301	1
 <p>Surface mounting box - 5 columns Zenit workstation box for surface mounted installations. 5-columns - 2+2+2+2+2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Size (height x width x depth): 176 x 355 x 45 mm Included: - Mounting plates (vertically folding devices for easy installation). - Multi-box linking accessories. - Screws. - Plugs. - Side cover for trunking system incoming. - Isolating metallic plate to devide power from VDI. Suitable for frames code: T1175.</p>			
White	T1195 BL	2CLA119500T1001	1
Silver	T1195 PL	2CLA119500T1301	1


Flush mounting boxes


Product	Article-No.	Order-No.	Pack/Qty
 <p>Flush mounting box - 3 columns Zenit workstation box for flush mounted installations. 3-columns - 2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Size (height x width x depth): 150 x 211 x 45 mm Included: - Mounting plates (vertically folding devices for easy installation). - Multi-box linking accessories. - Screws. - Plugs. - Isolating metallic plate to devide power from VDI. - Claws for drywall. Suitable for frames code: T1174.</p>			
	T1093	2CLA109300T1001	1
 <p>Flush mounting box - 4 columns Zenit workstation box for flush mounted installations. 4-columns - 2+2+2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Size (height x width x depth): 150 x 271 x 45 mm Included: - Mounting plates (vertically folding devices for easy installation). - multi-box linking accessories. - Screws. - Plugs. - Isolating metallic plate to devide power from VDI. - Claws for drywall. Suitable for frames code: T1174.</p>			
	T1094	2CLA109400T1001	1

Zenit - workstations


Frames

Color	Article-No.	Order-No.	Pack/Qty
 Frame for workstations - 3 columns Color: - BL: White plate / White frame - PL: Silver plate / Silver frame - TT: White plate / Titanium metallic frame Zenit workstation frames for flush mounting boxes code T1093 and surface mounting boxes code T1193. 3-columns - 6-gang - 2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Size (height x width): 176x 235 mm.			
White	T1173 BL	2CLA117300T1101	1
Silver	T1173 PL	2CLA117300T1301	1

 Frame for workstations - 4 columns Color: - BL: White plate / White frame - PL: Silver plate / Silver frame - TT: White plate / Titanium metallic frame Zenit workstation frames for flush mounting boxes code T1094 and surface mounting boxes code T1194. 4-columns - 8-gang - 2+2+2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Size (height x width): 176x 295 mm.			
White	T1174 BL	2CLA117400T1101	1
Silver	T1174 PL	2CLA117400T1301	1


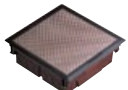
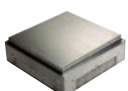
 Frame for workstations - 5 columns Color: - BL: White plate / White frame - PL: Silver plate / Silver frame - TT: White plate / Titanium metallic frame Zenit workstation frames for surface mounting boxes code T1195. 5-columns - 10-gang - 2+2+2+2+2+2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Size (height x width): 176x 355 mm.			
White	T1175 BL	2CLA117500T1101	1
Silver	T1175 PL	2CLA117500T1301	1

Foldable lid



Color	Article-No.	Order-No.	Pack/Qty
 Foldable lid for workstations - Black Foldable lid to cover the devices and cables in a workstation: - T1173.5: for 3-column workstations. - T1174.5: for 4-column workstations. - T1175.5: for 5-column workstations. This is an optional accessory for surface and flush mounted boxes.			
Black	T1173.5	2CLA117350T1001	1
Black	T1174.5	2CLA117450T1001	1
Black	T1175.5	2CLA117450T1001	1

Zenit - workstations

Floor boxes

Color	Article-No.	Order-No.	Pack/Qty
	Floor box - 3 columns - 5 mm. hollow lid Floor box with 5 mm. deep hollow lid for carpet, linoleum, etc. Protection degree: - IP52 between the box and the floor ensured by loss-proof seal. - IP4x at the rim of the lid. - IP2x at the cable inlet. Resistance of the lid: 1500 N according to DIN VDE 0364. Resistance to chemicals present in the main detergents. Direct installation in technical or raised floor. Installation in traditional floors using the flush mounting metal box code T1393.9. Color: dark gray RAL 7021. Size (height x width x depth): 235 x 300 x 100 mm. Slot size (height x width): 211 x 275 mm. Suitable mounting plates code: T1373 and T1371.4.		
	Dark gray	T1393	M109020000 1
	Floor box - 3 columns - Stainless steel lid Floor box with anti-slip square patterned lid with stainless steel finish. Protection degree: - IP52 between the box and the floor ensured by loss-proof seal. - IP4x at the rim of the lid. - IP2x at the cable inlet. Resistance of the lid: 1500 N according to DIN VDE 0364. Resistance to chemicals present in the main detergents. Direct installation in technical or raised floor. Installation in traditional floors using the flush mounting metal box code T1393.9. Color: dark gray RAL 7021. Size (height x width x depth): 235 x 300 x 100 mm. Slot size (height x width): 211 x 275 mm. Suitable mounting plates code: T1373 and T1371.4.		
	Dark gray	T1393.1	M109030000 1
	Flush mounting metal box Accessory for the installation of the floor boxes code T1393 and T1393.1 in traditional/concrete floors. 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. Size (height x width x depth): 230 x 305 x 105 mm.		
		T1393.9	M109300000 1

Mounting plates for floor box






Color	Article-No.	Order-No.	Pack/Qty
	Mounting plate for floor box - 3 columns 3-column adapter for the installation of Zenit devices and/or T10XX devices in floor boxes code: T1393 and T1393.1. 3-columns - 2+2+2+2+2 modules. For 1 or 2 module devices. Also suitable for T10XX devices. Included: - Mounting plates. - Frame. - Screws.		
	White	T1373	2CLA137300T1101 20
	Adapter plate for floor box - 4 modules 4 module adapter plate for the installation of Zenit devices in floor boxes code: T1393 and T1393.1. To be combined with Zenit 4-module mounting plates code N1374.9 and frames code N2374.1. For 1, 2 or 3 module devices. Included: screws.		
	Dark gray	T1371.4	M109190000 6






Duplex socket outlets

	Duplex Schuko socket outlet Rated voltage: 250 Vac. Rated current: 16A. Type F: 2P + E. Shuttered for child safety. Screw terminals (common terminal for both outlets). Folding system for easy installation. With labeling space. Optional: power indicator LED lamp code: 6192. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. Colors RJ and RP are suitable to identify special circuits.		
	White/White	T1088 BL	2CLA108800T1001 5
	Silver/Silver	T1088 PL	2CLA108800T1301 5
	White/Red	T1088 RJ	2CLA108800T7001 5
	Silver/Red	T1088 RP	2CLA108800T7301 5
	Duplex French/Earth-pin socket outlet Rated voltage: 250 Vac. Rated current: 16A. Type E: 2P + E. Shuttered for child safety. Screw terminals (common terminal for both outlets). Folding system for easy installation. With labeling space. Optional: power indicator LED lamp code: 6192. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. Color RJ is suitable to identify special circuits.		
	White/White	T1087 BL	2CLA108700T1001 5
	White/Red	T1087 RJ	2CLA108700T7001 5

Zenit - workstations

Adapters

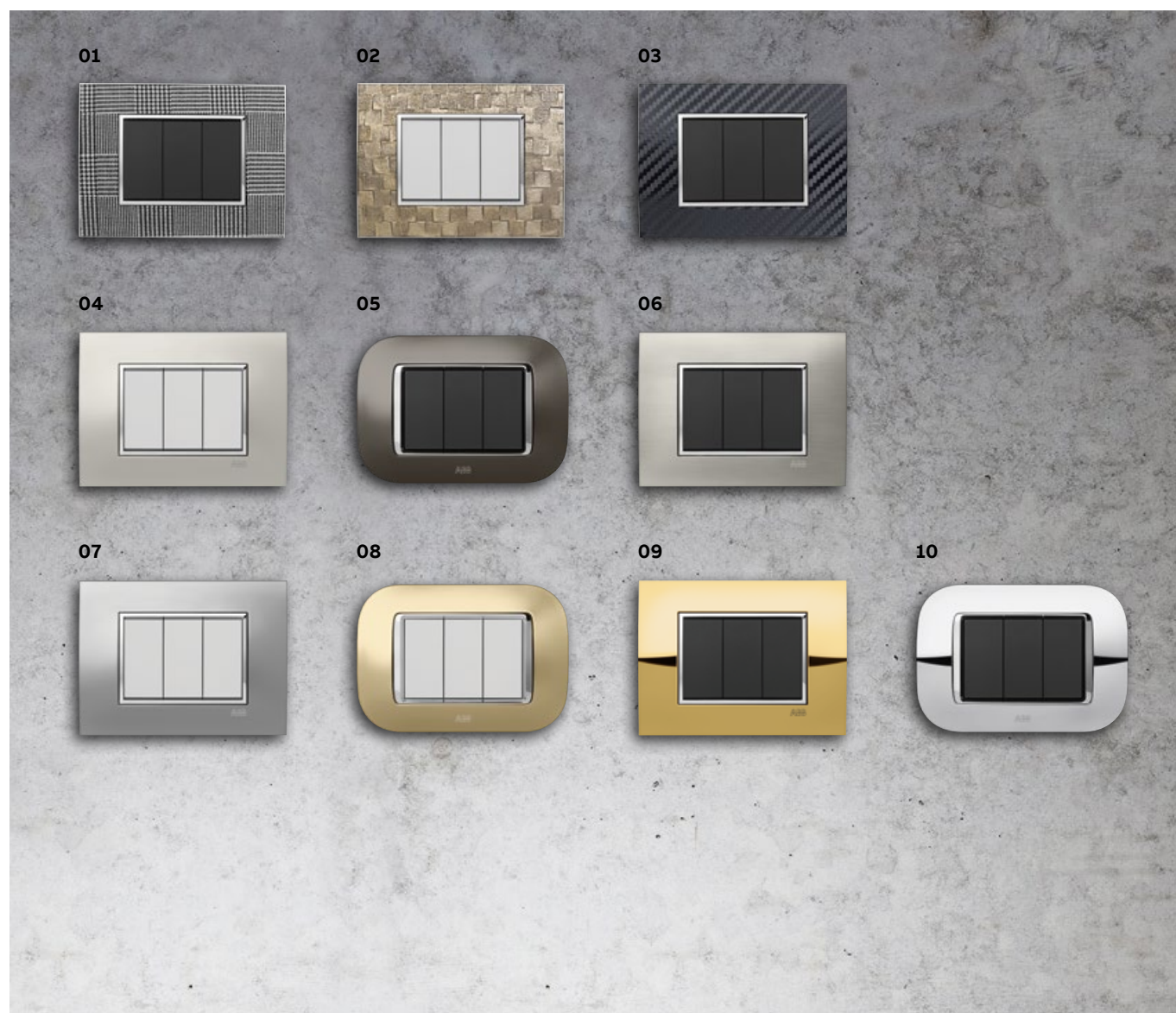
Color	Article-No.	Order-No.	Pack/Qty
	2-gang plain outlet without shutter 1-column plain outlet without shutter. 2-gang. With labeling space. Without shutters. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters. Included: 2x 2016 connector adapters.		
	White	T1016.1 BL	2CLA101610T1001 10
	Silver	T1016.1 PL	2CLA101610T1301 10
	4-gang plain outlet without shutter 1-column plain outlet without shutter. 4-gang. With labeling space. Without shutters. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters. Included: 4x 2016 connector adapters.		
	White	T1016.2 BL	2CLA101620T1001 10
	Silver	T1016.2 PL	2CLA101620T1301 10
	2-gang 45° outlet with shutter 1-column 45° outlet without shutter. 2-gang. With labeling space. With shutters. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters. Included: 2x 2016 connector adapters.		
	White	T1016.7 BL	2CLA101670T1001 5
	Silver	T1016.7 PL	2CLA101670T1301 5
	4-gang plain outlet with shutter 1-column plain outlet without shutter. 4-gang. With labeling space. With shutters. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters. Included: 4x 2016 connector adapters.		
	White	T1016.4 BL	2CLA101640T1001 10
	Silver	T1016.4 PL	2CLA101640T1301 10
	2-gang 45° outlet without shutter 1-column 45° outlet without shutter. 2-gang. With labeling space. Without shutters. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters. Included: 2x 2016 connector adapters.		
	White	T1016.5 BL	2CLA101650T1001 5
	Silver	T1016.5 PL	2CLA101650T1301 5

Color	Article-No.	Order-No.	Pack/Qty
	4-gang 45° outlet without shutter 1-column 45° outlet without shutter. 4-gang. With labeling space. Without shutters. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters. Included: 4x 2016 connector adapters.		
	White	T1016.6 BL	2CLA101660T1001 5
	Silver	T1016.6 PL	2CLA101660T1301 5
	2-gang plain outlet with shutter 1-column plain outlet without shutter. 2-gang. With labeling space. With shutters. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters. Included: 2x 2016 connector adapters.		
	White	T1016.3 BL	2CLA101630T1001 10
	Silver	T1016.3 PL	2CLA101630T1301 10
	4-gang 45° outlet with shutter 1-column 45° outlet without shutter. 4-gang. With labeling space. With shutters. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373. To be used with 2016, 2016.1, 2016.2 or 2016.3 connector adapters. Included: 4x 2016 connector adapters.		
	White	T1016.8 BL	2CLA101680T1001 10
	Silver	T1016.8 PL	2CLA101680T1301 10
	Adapter plate for ABB DIN-rail devices 1-column adapter ABB System Pro M DIN-rail devices. 2 modules. For 1 or 2 module devices. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.		
	White	T1034 BL	2CLA103400T1001 10
	Silver	T1034 PL	2CLA103400T1301 10
	Adapter plate for Zenit devices 1-column adapter plate for Zenit devices. 2+2 modules. For 1 or 2 module devices. With labeling space. Suitable for boxes code T1193, T1194, T1195, T1093 and T1094 and mounting plates code T1373.		
	T1000	2CLA100000T1001	10

Mylos®

The system in harmony with the world

Italian design with high quality materials. Even in the smallest of details, functionality marries appearance. Ultra-thin square and round frames. Four different materials of Mylos and countless combinations of Mylos Ultra to choose from. Your house is your world. And your world reflects you. Express yourself with Mylos.



Ultra finishes

- 01 alcantara*
- 02 jannelli&volpi*
- 03 3M*

Metal finishes

- 04 light silver (square**)
- 05 dark nickel (round**)
- 06 brushed steel (square**)
- 07 satin aluminium (square**)
- 08 satin gold (round**)
- 09 glossy gold (square**)
- 10 glossy chrome (round**)

* Materials freely customizable from the partners' catalogues.

**Finishes from 06 to 23 are available both versions square and round.

Mylos®

The system in harmony with the world



Velvet finishes

- 11 white (square**)
- 12 black (square**)
- 13 ice (round**)
- 14 cold grey (square**)
- 15 graphite (round**)
- 16 anthracite (square**)

Lucent finishes

- 17 white alabaster (square**)
- 18 brilliant black (round**)
- 19 cool grey (square**)
- 20 ice (round**)

Etik finishes

- 21 matt black (square)
- 22 matt white (square)

Mylos®

Selected functions



Control devices

Maximum flexibility in the selection of switches, push switches, two-way switches, intermediate switches, relays and change-over switches. The most common control devices are available in screwless versions, reducing installation times even further. All the conventional control devices, except for relays and change-over switches, can be lit. Switches are available with an incorporated LED to enable all types of functional indication.



Socket outlets

The versions with 2P+E 10-16A socket outlets for 250V lines are available in the Italian and German standards, with safety shutters and side/central earth. For telephone and data transmission applications various types of connectors compatible with the most widespread international wiring standards are available.



Key covers

The key covers in 1 module or 1/2 module versions allow conventional switches to be customised as desired.



Protection devices

These devices intervene in the event of overloads, short circuits and other phenomena that involve a risk for the safety of persons and which compromise proper operation of connected appliances, performing their protection function directly downstream without impacting the power supply to other points in the electrical installation.

Mylos®

Selected functions



Signalling devices

Warning lights to display the operating status of connected appliances, as well as bells and buzzers. The warning lights are supplied with an incorporated 230V LED, which can be replaced for use under different voltages, if necessary.



Comfort devices

To optimize the operation of electrical appliances and increase the liveability of environments, the range includes devices for programming, adjustment and timing such as time-programmed thermostats, electronic thermostats and dimmers. IR presence detectors and receivers for remote controls complete the product range to guarantee the maximum level of comfort. Removable anti-blackout lights and emergency lights are available with ample operating autonomy.



Home and building automation

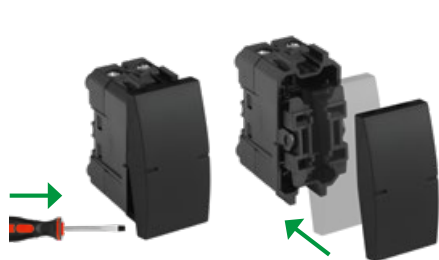
Mylos represents also a simple and immediate solution to best meet the needs of both residential and building applications. Mylos free@home® and Mylos KNX are, respectively, the home and building automation systems which are perfectly integrated into Mylos aesthetic and functionalities. Both the ranges includes thermostats, rocker switches, actuators, blind actuators and dimmers.



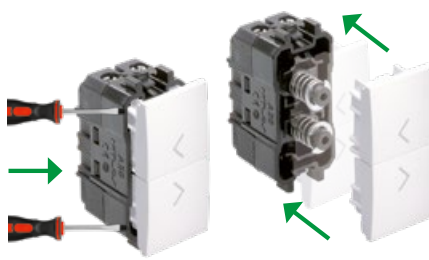
Access Control for hospitality

Based on transponder technology, and exploiting their flexibility and security, ABB's solution for access control is fully compatible with the KNX-standard Home & Building Automation System. The access control system, perfectly integrated into Mylos conventional wiring accessories range, is particularly suitable for hotel applications and allows construction of flexible systems with advanced functions to optimize the services provided to hotel guests.

Command devices features.



Standard key cover composition



Key cover composition on 2CSY1017MY



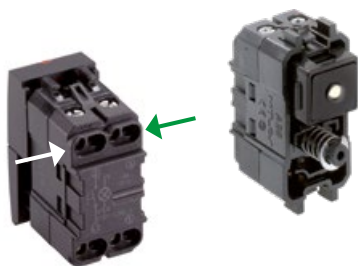
Key cover composition on 2CSY1027MY

LED illumination.



Plug-in LED illumination.

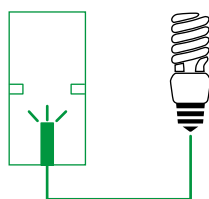
Conventional switches are lit by plug-in LEDs. There is no need for additional wiring because once the device is fixed in place, it is already ready to light up. In this way it is possible to implement night-time location signalling in a very easy manner.



Incorporated LED illumination.

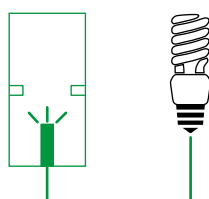
Switches with incorporated LEDs provide maximum freedom for wiring the signalling LED through the presence of dedicated terminals.

Night-time location signalling

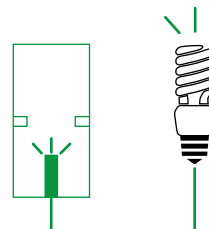


The 2CSY1632MY and 2CSY1633MY LEDs can be added to conventional switches (see page 45) for night-time location. The LED electrically connected in parallel with the ON operating mechanism: it is lit when the load is off (OFF command), and it turns off when the load is powered (ON command).

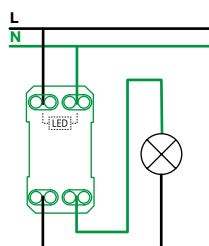
Location signalling (Always ON)



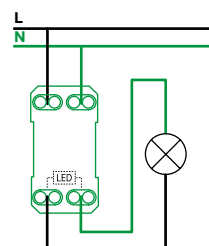
Load functional signalling



Switches with incorporated LED (see page 50) have preinstalled 250V~ LEDs and dedicated terminals for wiring. It is possible to implement any type of functional indication, also with LEDs at different voltages.

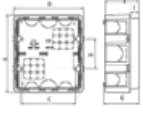













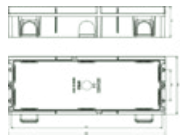



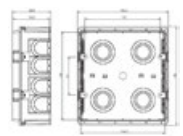





Wiring of double-pole switches 2CSY1006MC/S for Always ON signalling. The LED is built in.



Wiring of double-pole switches 2CSY1006FC/S for load functional indication. The LED is built in.

Installation details





No. Modules	Boxes	Mounting frames	Modules	Cover plate
2 modules			 1 + 1 modules  2 modules	
3 modules			 1 + 1 + 1 modules  1 + 2 modules	
4 modules			 1 + 1 + 1 + 1 modules *	
7 modules			 1 + 1 + 1 + 1 + modules *	
4+4 modules			 1 + 1 + 1 + 1 modules * + 1 + 1 + 1 + 1 modules *	

*Other modularity configurations available

Mylos® – Conventional switches

Switches


Product	Article-No.	Order-No.	Pack/Qty
	Single-pole switch 16A - 250V~		
	2CSY1001MC	2CSY216055R1001	
	Single-pole switch 16A - 250V~		
	2CSY1001MS	2CSY217395R1001	
	Double-pole switch 16A - 250V~		
	2CSY1002MC	2CSY216065R1002	
	Double-pole switch 16A - 250V~		
	2CSY1002MS	2CSY217405R1002	
	Single pole switch 16A - 250V~ two modules		
	2CSY1001XC	2CSY216075R1001	
	Single pole switch 16A - 250V~ two modules		
	2CSY1001XS	2CSY217415R1001	

Product	Article-No.	Order-No.	Pack/Qty
	Double-pole switch 16A - 250V~ with key control		
	2CSY1007MC	2CSY216355R1007	
	Double-pole switch 16A - 250V~ with key control		
	2CSY1007MS	2CSY217695R1007	
	Double-pole switch 16A - 250V~ with universal key control		
	2CSY1007MCU	2CSY220765R1007	
	Double-pole switch 16A - 250V~ with universal key control		
	2CSY1007MSU	2CSY220775R1007	

Mylos®

Two-way switches – Intermediate switch – Change-over switches



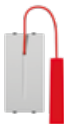
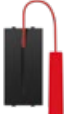
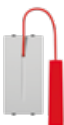


Product	Article-No.	Order-No.	Pack/Qty
	Single-pole two-way switch 16A - 250V~		
	2CSY1003MC	2CSY216085R1003	
	Single-pole two-way switch 16A - 250V~		
	2CSY1003MS	2CSY217425R1003	
	Single-pole two-way switch 16A - 250V~ two modules		
	2CSY1003XC	2CSY216095R1003	
	Single-pole two-way switch 16A - 250V~ two modules		
	2CSY1003XS	2CSY217435R1003	

Product	Article-No.	Order-No.	Pack/Qty
	Intermediate switch 16A - 250V~		
	2CSY1010MC	2CSY216105R1010	
	Intermediate switch 16A - 250V~		
	2CSY1010MS	2CSY217445R1010	
	Intermediate switch 16A - 250V~ two modules		
	2CSY1010XC	2CSY216115R1010	
	Intermediate switch 16A - 250V~ two modules		
	2CSY1010XS	2CSY217455R1010	
	Change-over switch 10A - 250V~ three-position with central OFF		
	2CSY1011MC	2CSY216125R1011	
	Change-over switch 10A - 250V~ three-position with central OFF		
	2CSY1011MS	2CSY217465R1011	

Mylos® – Conventional switches

Push switches

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switch 16A - 250V~ normally open		
	2CSY1005MC	2CSY216135R1005	
	Single-pole push switch 16A - 250V~ normally open		
	2CSY1005MS	2CSY217475R1005	
	Single-pole push switch 16A - 250V~ normally closed		
	2CSY1016MC	2CSY216145R1016	
	Single-pole push switch 16A - 250V~ normally closed		
	2CSY1016MS	2CSY217485R1016	
	Double single-pole push switch 16A - 250V~ NO + NO		
	2CSY1017MC	2CSY216155R1017	
	Double single-pole push switch 16A - 250V~ NO + NO		
	2CSY1017MS	2CSY217495R1017	
	Double single-pole push switch 16A - 250V~ NO + NO, with interlock		
	2CSY1018MC	2CSY216165R1018	

Product	Article-No.	Order-No.	Pack/Qty
	Double single-pole push switch 16A - 250V~ NO + NO, with interlock		
	2CSY1018MS	2CSY217505R1018	
	Double single-pole push switch 16A - 250V~ NO+NO modular		
	2CSY1017MY	2CSY223225R1017	
	Single-pole push switch with pull cord 16A - 250V~, normally open. Supplied with 2.25 m cord		
	2CSY1020MC	2CSY216175R1020	
	Single-pole push switch with pull cord 16A - 250V~, normally open. Supplied with 2.25 m cord		
	2CSY1020MS	2CSY217515R1020	
	Single-pole push switch with pull cord 16A - 250V~, normally closed. Supplied with 2.25 m cord		
	2CSY1021MC	2CSY216185R1021	
	Single-pole push switch with pull cord 16A - 250V~, normally closed. Supplied with 2.25 m cord		
	2CSY1021MS	2CSY217525R1021	
	Single-pole push switch 16A - 250V~, 1 NO + 1 NC, with ON symbol		
	2CSY1022MC	2CSY216195R1022	

Mylos® – Conventional switches

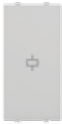

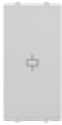

Push switches

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switch 16A - 250V~, 1 NO + 1 NC, with ON symbol		
	2CSY1022MS	2CSY217535R1022	
	Single-pole push switch 16A - 250V~, 1 NO + 1 NC, with OFF symbol		
	2CSY1023MC	2CSY216205R1023	
	Single-pole push switch 16A - 250V~, 1 NO + 1 NC, with OFF symbol		
	2CSY1023MS	2CSY217545R1023	
	Single-pole push switch 16A - 250V~, normally open, with bell symbol		
	2CSY1028MC	2CSY216215R1028	
	Single-pole push switch 16A - 250V~, normally open, with bell symbol		
	2CSY1028MS	2CSY217555R1028	
	Single-pole push switch 16A - 250V~, normally open, with key symbol		
	2CSY1029MC	2CSY216225R1029	
	Single-pole push switch 16A - 250V~, normally open, with key symbol		
	2CSY1029MS	2CSY217565R1029	

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switch 16A - 250V~, normally open, with stairlight symbol		
	2CSY1030MC	2CSY216235R1030	
	Single-pole push switch 16A - 250V~, normally open, with stairlight symbol		
	2CSY1030MS	2CSY217575R1030	
	Double-pole push switch 16A - 250V~, with key control		
	2CSY1008MC	2CSY216365R1008	
	Double-pole push switch 16A - 250V~, with key control		
	2CSY1008MS	2CSY217705R1008	
	Double-pole push switch 16A - 250V~, with universal key control		
	2CSY1008MCU	2CSY220785R1008	
	Double-pole push switch 16A - 250V~, with universal key control		
	2CSY1008MSU	2CSY220795R1008	

Mylos® – Conventional switches

Relay

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole latching relay with 230V~ coil, output contact 10A		
	2CSY1012MC	2CSY216375R1012	
	Single-pole latching relay with 230V~ coil, output contact 10A		
	2CSY1012MS	2CSY217715R1012	
	Monostable relay with 230V~ coil, output contact 10A		
	2CSY1014MC	2CSY216385R1014	
	Monostable relay with 230V~ coil, output contact 10A		
	2CSY1014MS	2CSY217725R1014	









Mylos® – Screwless switches

Switches



Product	Article-No.	Order-No.	Pack/Qty
	Single-pole switch 16A - 250V~ 		
	2CSY1001SC	2CSY216395R1001	
	Single-pole switch 16A - 250V~ 		
	2CSY1001SS	2CSY217735R1001	
	Double-pole switch 16A - 250V~ 		
	2CSY1002SC	2CSY216405R1002	
	Double-pole switch 16A - 250V~ 		
	2CSY1002SS	2CSY217745R1002	
	Single-pole switch 16A - 250V~, two modules 		
	2CSY1001ZC	2CSY216415R1001	
	Single-pole switch 16A - 250V~, two modules 		
	2CSY1001ZS	2CSY217755R1001	

Mylos® – Screwless switches

Two-way switches – Intermediate switch

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole two-way switch 16A - 250V~ GR		
	2CSY1003SC	2CSY216425R1003	
	Single-pole two-way switch 16A - 250V~ GR		
	2CSY1003SS	2CSY217765R1003	
	Single-pole two-way switch 16A - 250V~, two modules GR		
	2CSY1003ZC	2CSY216435R1003	
	Single-pole two-way switch 16A - 250V~, two modules GR		
	2CSY1003ZS	2CSY217775R1003	
	Intermediate switch 16A - 250V~ GR		
	2CSY1010SC	2CSY216445R1010	
	Intermediate switch 16A - 250V~ GR		
	2CSY1010SS	2CSY217785R1010	
	Intermediate switch 16A - 250V~, two modules GR		
	2CSY1010ZC	2CSY216455R1010	
	Intermediate switch 16A - 250V~, two modules GR		
	2CSY1010ZS	2CSY217795R1010	

Push switches

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switch 16A, normally open GR		
	2CSY1005SC	2CSY216475R1005	
	Single-pole push switch 16A, normally open GR		
	2CSY1005SS	2CSY217815R1005	


Mylos® – Switches with incorporated LED

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole switch 16A - 250V~ (incorporated LED)		
	2CSY1004FC	2CSY216245R1004	
	Single-pole switch 16A - 250V~ (incorporated LED)		
	2CSY1004FS	2CSY217585R1004	
	Double-pole switch 16A - 250V~, with incorporated LED (functional indication always ON)		
	2CSY1006MC	2CSY216255R1006	
	Double-pole switch 16A - 250V~, with incorporated LED (functional indication always ON)		
	2CSY1006MS	2CSY217595R1006	
	Double-pole switch 16A - 250V~, with incorporated LED (load functional indication)		
	2CSY1006FC	2CSY216265R1006	
	Double-pole switch 16A - 250V~, with incorporated LED (load functional indication)		
	2CSY1006FS	2CSY217605R1006	

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switch 16A - 250V~, normally open (incorporated LED)		
	2CSY1015FC	2CSY216275R1015	
	Single-pole push switch 16A - 250V~, normally open (incorporated LED)		
	2CSY1015FS	2CSY217615R1015	
	Single-pole push switch 16A - 250V~, normally open with red diffuser (incorporated LED)		
	2CSY1024MC	2CSY216285R1024	
	Single-pole push switch 16A - 250V~, normally open, with red diffuser (incorporated LED)		
	2CSY1024MS	2CSY217625R1024	
	Single-pole push switch 16A - 250V~, normally open, with green diffuser (incorporated LED)		
	2CSY1025MC	2CSY216295R1025	
	Single-pole push switch 16A - 250V~, normally open, with green diffuser (incorporated LED)		
	2CSY1025MS	2CSY217635R1025	
	Single-pole push switch 16A - 250V~, normally open, with orange diffuser (incorporated LED)		
	2CSY1026MC	2CSY216305R1026	

Mylos® – Switches with incorporated LED



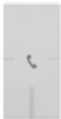





Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switch switch, 16A - 250V~, normally open, with orange diffuser (incorporated LED)		
	2CSY1026MS	2CSY217645R1026	
	Single-pole push switch 16A - 250V~, normally open, with white diffuser (incorporated LED)		
	2CSY1027MC	2CSY216315R1027	
	Single-pole push switch 16A - 250V~, normally open, with white diffuser (incorporated LED)		
	2CSY1027MS	2CSY217655R1027	
	Single-pole push switch with warning light 16A - 250V~ normally open, modular (incorporated LED)		
	2CSY1027MY	2CSY223235R1027	
	Single-pole push switch 16A - 250V~, normally open, with backlit label holder, 2 modules (incorporated LED)		
	2CSY1031MC	2CSY216325R1031	
	Single-pole push switch 16A - 250V~, normally open, with backlit label holder, 2 modules (incorporated LED)		
	2CSY1031MS	2CSY217665R1031	
	Single-pole push switch 16A - 250V~, normally open, with backlit label holder, 3 modules (incorporated LED)		
	2CSY1032MC	2CSY216335R1032	

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switch 16A - 250V~, normally open, with backlit label holder, 3 modules (incorporated LED)		
	2CSY1032MS	2CSY217675R1032	

Mylos® – Key covers

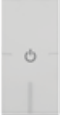







1 module key covers

Product	Article-No.	Order-No.	Pack/Qty
	Key cover 1 module generic		
	2CSY1501MC	2CSY217335R1501	
	Key cover 1 module generic		
	2CSY1501MS	2CSY218495R1501	
	Key cover 1 module with nurse symbol		
	2CSY1502MC	2CSY220805R1502	
	Key cover 1 module with nurse symbol		
	2CSY1502MS	2CSY220815R1502	
	Key cover 1 module with table lamp symbol		
	2CSY1503MC	2CSY220825R1503	
	Key cover 1 module with table lamp symbol		
	2CSY1503MS	2CSY220835R1503	
	Key cover 1 module with dimmer symbol		
	2CSY1504MC	2CSY220845R1504	
	Key cover 1 module with dimmer symbol		
	2CSY1504MS	2CSY220855R1504	




Product	Article-No.	Order-No.	Pack/Qty
	Key cover 1 module with fan symbol		
	2CSY1505MC	2CSY220865R1505	
	Key cover 1 module with fan symbol		
	2CSY1505MS	2CSY220875R1505	
	Key cover 1 module with telephone symbol		
	2CSY1506MC	2CSY220885R1506	
	Key cover 1 module with telephone symbol		
	2CSY1506MS	2CSY220895R1506	
	Key cover 1 module with door/gate open symbol		
	2CSY1507MC	2CSY220905R1507	
	Key cover 1 module with door/gate open symbol		
	2CSY1507MS	2CSY220915R1507	
	Key cover 1 module with door/gate close symbol		
	2CSY1508MC	2CSY220925R1508	
	Key cover 1 module with door/gate close symbol		
	2CSY1508MS	2CSY220935R1508	

Mylos® – Key covers

1 module key covers









Product	Article-No.	Order-No.	Pack/Qty
	Key cover 1 module with all off symbol		
	2CSY1509MC	2CSY231305R1509	
	Key cover 1 module with all off symbol		
	2CSY1509MS	2CSY231315R1509	
	Key cover 1 module with do not disturb symbol		
	2CSY1524MC	2CSY231325R1524	
	Key cover 1 module with do not disturb symbol		
	2CSY1524MS	2CSY231335R1524	
	Key cover 1 module with make up room symbol		
	2CSY1525MC	2CSY231345R1525	
	Key cover 1 module with make up room symbol		
	2CSY1525MS	2CSY231355R1525	
	Key cover 1 module with light symbol		
	2CSY1526MC	2CSY231365R1526	
	Key cover 1 module with light symbol		
	2CSY1526MS	2CSY231375R1526	








1/2 modules key covers

Product	Article-No.	Order-No.	Pack/Qty
	Key cover 1/2 module generic		
	2CSY1511MC	2CSY217345R1511	
	Key cover 1/2 module generic		
	2CSY1511MS	2CSY218505R1511	
	Key cover 1/2 module with red diffuser		
	2CSY1513MC	2CSY217355R1513	
	Key cover 1/2 module with red diffuser		
	2CSY1513MS	2CSY221095R1513	
	Key cover 1/2 module with green diffuser		
	2CSY1514MC	2CSY217365R1514	
	Key cover 1/2 module with green diffuser		
	2CSY1514MS	2CSY221105R1514	
	Key cover 1/2 module with orange diffuser		
	2CSY1515MC	2CSY217375R1515	
	Key cover 1/2 module with red diffuser		
	2CSY1515MS	2CSY221115R1515	

Mylos® – Key covers








1/2 modules key covers

Product	Article-No.	Order-No.	Pack/Qty
	Key cover 1/2 module with clear diffuser		
	2CSY1516MC	2CSY217385R1516	
	Key cover 1/2 module with clear diffuser		
	2CSY1516MS	2CSY221125R1516	
	Key cover 1/2 module with blue diffuser		
	2CSY1517MC	2CSY220945R1517	
	Key cover 1/2 module with blue diffuser		
	2CSY1517MS	2CSY220955R1517	
	Key cover 1/2 module with door vertical arrow		
	2CSY1518MC	2CSY220965R1518	
	Key cover 1/2 module with door vertical arrow		
	2CSY1518MS	2CSY220975R1518	
	Key cover 1/2 module with door horizontal arrow		
	2CSY1519MC	2CSY220985R1519	
	Key cover 1/2 module with door horizontal arrow		
	2CSY1519MS	2CSY220995R1519	






Product	Article-No.	Order-No.	Pack/Qty
	Key cover 1/2 module with door/gate open symbol		
	2CSY1520MC	2CSY221005R1520	
	Key cover 1/2 module with door/gate open symbol		
	2CSY1520MS	2CSY221015R1520	
	Key cover 1/2 module with door door/gate close symbol		
	2CSY1521MC	2CSY221025R1521	
	Key cover 1/2 module with door door/gate close symbol		
	2CSY1521MS	2CSY221035R1521	
	Key cover 1/2 module with make up room symbol		
	2CSY1522MC	2CSY231385R1522	
	Key cover 1/2 module with make up room symbol		
	2CSY1522MS	2CSY231395R1522	
	Key cover 1/2 module with do not disturb symbol		
	2CSY1523MC	2CSY231405R1523	
	Key cover 1/2 module with do not disturb symbol		
	2CSY1523MS	2CSY231415R1523	

Mylos® – Socket outlets

Italian standard socket outlets
with safety shutters

Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outlet 10A - 250V~, P11 type		
	2CSY1101MC	2CSY216485R1101	
	2P+E socket outlet 10A - 250V~, P11 type		
	2CSY1101MS	2CSY217825R1101	
	2P+E socket outlet 10/16A - 250V~, P17/11 type		
	2CSY1103MC	2CSY216495R1103	
	2P+E socket outlet 10/16A - 250V~, P17/11 type		
	2CSY1103MS	2CSY217835R1103	
	2P+E socket outlet 16A - 250V~, P17/11 type, coloured for privileged circuits		
	2CSY1104MR	2CSY216505R1104	
	2P+E socket outlet 16A - 250V~, P17/11 type coloured for privileged circuits		
	2CSY1105MV	2CSY216515R1105	
	2P+E socket outlet 16A - 250V~, P17/11 type coloured for privileged circuits		
	2CSY1106MA	2CSY216525R1106	

Italian/German standard socket outlets
with safety shutters and side/central earth

Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outlet 16A - 250V~, P30 type		
	2CSY1108MC	2CSY216535R1108	
	2P+E socket outlet 16A - 250V~, P30 type		
	2CSY1108MS	2CSY217845R1108	
	2P+E socket outlets 16A - 250V~, P30 type coloured for privileged circuits		
	2CSY1114MR	2CSY216585R1114	
	2P+E socket outlets 16A - 250V~, P30 type coloured for privileged circuits		
	2CSY1115MV	2CSY216595R1115	
	2P+E socket outlets 16A - 250V~, P30 type coloured for privileged circuits		
	2CSY1116MA	2CSY216605R1116	

Mylos® – Socket outlets

Italian/German standard socket outlets
with safety shutters and side/central earth





Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outlet 16A - 250V~, P30/17 type		
	2CSY1109MC	2CSY216545R1109	
	2P+E socket outlet 16A - 250V~, P30/17 type		
	2CSY1109MS	2CSY217855R1109	
	2P+E socket outlets 16A - 250V~, P30/17 type coloured for privileged circuits		
	2CSY1110MR	2CSY216555R1110	
	2P+E socket outlets 16A - 250V~, P30/17 type coloured for privileged circuits		
	2CSY1111MV	2CSY216565R1111	
	2P+E socket outlets 16A - 250V~, P30/17 type coloured for privileged circuits		
	2CSY1112MA	2CSY216575R1112	

British socket outlets



Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet 2P+T 13A UK standard		
	2CSY1134MC	2CSY234403R1134	
	Socket outlet 2P+T 13A UK standard		
	2CSY1134MS	2CSY235423R1134	
	Socket outlet 2P+T 16A UK standard		
	2CSY1164MC	2CSY234383R1164	
	Socket outlet 2P+T 16A UK standard		
	2CSY1164MS	2CSY235413R1164	

Mylos® – Socket outlets

American socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet 2P+T 15A 127V~, US standard		
	2CSY1145MC	2CSY228105R1145	
	Socket outlet 2P+T 15A 127V~, US standard		
	2CSY1145MS	2CSY228115R1145	
	2P socket outlet 16A - Euro-American standard		
	2CSY1146MC	2CSY231655R1146	
	2P socket outlet 16A - Euro-American standard		
	2CSY1146MS	2CSY231665R1146	

French socket outlets









Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outlet 16A - French standard		
	2CSY1144MC	2CSY231425R1144	
	2P+E socket outlet 16A - French standard		
	2CSY1144MS	2CSY231435R1144	

Mylos® – Socket outlets

Special socket outlets



Product	Article-No.	Order-No.	Pack/Qty
	2P shaver socket outlet with insulating transformer Power supply 230V~ 50/60Hz Output voltage 125V~ (American standard 2P socket outlet) or 230V~ (2P socket outlet, P11 type)		
	2CSY1113MC	2CSY216615R1113	
	2P shaver socket outlet with insulating transformer power supply 230V~ 50/60Hz Output voltage 125V~ (American standard 2P socket outlet) or 230V~ (2P socket outlet, P11 type)		
	2CSY1113MS	2CSY217865R1113	
	Flush-mounted 1A USB charging unit with type A male connector, 250V power supply, ~ 50 / 60Hz, 5V DC output voltage		
	2CSY1161MC	2CSY234373R1161	
	Flush-mounted 2.1A USB charging unit with type A male connector, 230V power supply, ~ 50 / 60Hz, 5V DC output voltage		
	2CSY1162MS	2CSY234072R1162	



TV/SAT socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Coaxial TV/SAT socket outlets direct, male IEC connector, Ø 9.5 mm, DC		
	2CSY1118MC	2CSY216685R1118	
	Coaxial TV/SAT socket outlets direct, male IEC connector, Ø 9.5 mm, DC		
	2CSY1118MS	2CSY217935R1118	
	Coaxial TV/SAT socket outlets feedthrough, male IEC connector, Ø 9.5 mm, attenuation 7 dB		
	2CSY1132MC	2CSY216695R1132	
	Coaxial TV/SAT socket outlets feedthrough, male IEC connector, Ø 9.5 mm, attenuation 7 dB		
	2CSY1132MS	2CSY217945R1132	
	Coaxial TV/SAT socket outlets feedthrough, male IEC connector, Ø 9.5 mm, attenuation 10 dB		
	2CSY1136MC	2CSY216705R1136	
	Coaxial TV/SAT socket outlets feedthrough, male IEC connector, Ø 9.5 mm, attenuation 10 dB		
	2CSY1136MS	2CSY217955R1136	
	Coaxial TV/SAT socket outlets feedthrough, male IEC connector, Ø 9.5 mm, attenuation 14 dB		
	2CSY1137MC	2CSY216715R1137	
	Coaxial TV/SAT socket outlets feedthrough, male IEC connector, Ø 9.5 mm, attenuation 14 dB		
	2CSY1137MS	2CSY217965R1137	

Mylos® – Socket outlets







TV/SAT socket outlets






Product	Article-No.	Order-No.	Pack/Qty
	Coaxial TV/SAT socket outlets direct, female F connector, DC		
	2CSY1140MC	2CSY216725R1140	
	Coaxial TV/SAT socket outlets direct, female F connector, DC		
	2CSY1140MS	2CSY217975R1140	
	Coaxial TV/SAT socket outlets double demixed, feedthrough, male IEC connector, Ø 9.5 mm and female F connector		
	2CSY1133MC	2CSY216735R1133	
	Coaxial TV/SAT socket outlets double demixed, feedthrough, male IEC connector, Ø 9.5 mm and female F connector		
	2CSY1133MS	2CSY217985R1133	
	Coaxial TV/SAT socket outlets double demixed, feedthrough, male IEC connector Ø 9.5 mm and female F connector, attenuation 10 dB		
	2CSY1130MC	2CSY216755R1130	
	Coaxial TV/SAT socket outlets double demixed, feedthrough, male IEC connector Ø 9.5 mm and female F connector, attenuation 10 dB		
	2CSY1130MS	2CSY218005R1130	
	Coaxial TV/SAT socket outlets double demixed, feedthrough, male IEC connector Ø 9.5 mm and female F connector, attenuation 14 dB		
	2CSY1131MC	2CSY216765R1131	

Product	Article-No.	Order-No.	Pack/Qty
	Coaxial TV/SAT socket outlets double demixed, feedthrough, male IEC connector Ø 9.5 mm and female F connector, attenuation 14 dB		
	2CSY1131MS	2CSY218015R1131	
	Terminal resistor 75 Ohm		
	2CSE1610EL	2CSE265160R1610	

Mylos® – Socket outlets

Network and telephone socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	Telephone connector RJ11		
	2CSY1121MC	2CSY216775R1121	
	Telephone connector RJ11		
	2CSY1121MS	2CSY218025R1121	
	Telephone connector RJ12		
	2CSY1122MC	2CSY216785R1122	
	Telephone connector RJ12		
	2CSY1122MS	2CSY218035R1122	
	RJ45 connector Cat.5e, UTP (unshielded)		
	2CSY1124MC	2CSY216795R1124	
	RJ45 connector Cat.5e, UTP (unshielded)		
	2CSY1124MS	2CSY218045R1124	








Product	Article-No.	Order-No.	Pack/Qty
	RJ45 connector Cat.6, UTP (unshielded)		
	2CSY1127MC	2CSY216815R1127	
	RJ45 connector Cat.6, UTP (unshielded)		
	2CSY1127MS	2CSY218065R1127	
	RJ45 connector Cat.6, FTP (shielded)		
	2CSY1128MC	2CSY216825R1128	
	RJ45 connector Cat.6, FTP (shielded)		
	2CSY1128MS	2CSY218075R1128	
	Adapter for RJ45 connector Keystone type		
	2CSY1135MC	2CSY216835R1135	
	Adapter for RJ45 connector Keystone type		
	2CSY1135MS	2CSY218085R1135	

Mylos® – Protection devices

Fuse holders and overvoltage limiters

Product	Article-No.	Order-No.	Pack/Qty
	Fuse holder Ø5x20 / Ø6.3x32, 16A		
	2CSY1301MC	2CSY216845R1301	
	Fuse holder Ø5x20 / Ø6.3x32, 16A		
	2CSY1301MS	2CSY218095R1301	
	Surge protection device limiter 75J, 250V~		
	2CSY1302MC	2CSY216855R1302	
	Surge protection device limiter 75J, 250V~		
	2CSY1302MS	2CSY218105R1302	
	Spare protection for surge protection device		
	2CSY1302MY	2CSY221255R1302	

Miniature circuit-breakers –
Residual current circuit-breakers

Product	Article-No.	Order-No.	Pack/Qty
	Automatic MCB 1P+N, C6, breaking capacity 1.5kA		
	2CSY1304MC	2CSY216865R1304	
	Automatic MCB 1P+N, C6, breaking capacity 1.5kA		
	2CSY1304MS	2CSY218115R1304	
	Automatic MCB 1P+N, C10, breaking capacity 3kA		
	2CSY1305MC	2CSY216875R1305	
	Automatic MCB 1P+N, C10, breaking capacity 3kA		
	2CSY1305MS	2CSY218125R1305	
	Automatic MCB 1P+N, C16, breaking capacity 3kA		
	2CSY1306MC	2CSY216885R1306	
	Automatic MCB 1P+N, C16, breaking capacity 3kA		
	2CSY1306MS	2CSY218135R1306	
	Automatic RCD 1P+N, C6 - 10 mA, breaking capacity 1.5kA		
	2CSY1307MC	2CSY216895R1307	

Mylos® – Protection devices

Miniature circuit-breakers -

Residual current circuit-breakers

Product	Article-No.	Order-No.	Pack/Qty
	Automatic RCD 1P+N, C6 - 10 mA, breaking capacity 1.5kA		
	2CSY1307MS	2CSY218145R1307	
	Automatic RCD 1P+N, C10 - 10 mA, breaking capacity 3kA		
	2CSY1308MC	2CSY216905R1308	
	Automatic RCD 1P+N, C10 - 10 mA, breaking capacity 3kA		
	2CSY1308MS	2CSY218155R1308	
	Automatic RCD 1P+N, C16 - 10 mA, breaking capacity 3kA		
	2CSY1309MC	2CSY216915R1309	
	Automatic RCD 1P+N, C16 - 10 mA, breaking capacity 3kA		
	2CSY1309MS	2CSY218165R1309	









Mylos® – Signalling devices

Warning lights

Product	Article-No.	Order-No.	Pack/Qty
	Orange warning light (incorporated LED)		
	2CSY1310MC	2CSY216955R1310	
	Orange warning light (incorporated LED)		
	2CSY1310MS	2CSY218205R1310	
	White warning light (incorporated LED)		
	2CSY1311MC	2CSY216965R1311	
	White warning light (incorporated LED)		
	2CSY1311MS	2CSY218215R1311	
	Red warning light (incorporated LED)		
	2CSY1312MC	2CSY216975R1312	
	Red warning light (incorporated LED)		
	2CSY1312MS	2CSY218225R1312	
	Green warning light (incorporated LED)		
	2CSY1313MC	2CSY216985R1313	
	Green warning light (incorporated LED)		
	2CSY1313MS	2CSY218235R1313	









Mylos® – Signalling devices

Bells and buzzers







Product	Article-No.	Order-No.	Pack/Qty
	Electro-mechanical bell 12V, 5VA power, 80dB sound intensity		
	2CSY1317MC	2CSY216995R1317	
	Electro-mechanical bell 12V, 5VA power, 80dB sound intensity		
	2CSY1317MS	2CSY218245R1317	
	Electro-mechanical bell 230V, 8VA power, 80dB sound intensity		
	2CSY1318MC	2CSY217005R1318	
	Electro-mechanical bell 230V, 8VA power, 80dB sound intensity		
	2CSY1318MS	2CSY218255R1318	
	Electro-mechanical buzzer 12V, 5VA power, 70dB sound intensity		
	2CSY1321MC	2CSY217015R1321	
	Electro-mechanical buzzer 12V, 5VA power, 70dB sound intensity		
	2CSY1321MS	2CSY218265R1321	
	Electro-mechanical buzzer 230V, 8VA power, 80dB sound intensity		
	2CSY1322MC	2CSY217025R1322	
	Electro-mechanical buzzer 230V, 8VA power, 80dB sound intensity		
	2CSY1322MS	2CSY218275R1322	

Mylos® – Comfort and safety devices

Thermostats and time-programmable thermostats





Product	Article-No.	Order-No.	Pack/Qty
	Electronic time-programmable thermostat day/week programming, summer/winter function, with LCD display, 3 modules, powered by 1.5V AA battery		
	2CSY2201MC	2CSY217066R2201	
	Electronic time-programmable thermostat day/week programming, summer/winter function, with LCD display, 3 modules, powered by 1.5V AA battery		
	2CSY2201MS	2CSY218316R2201	
	Electronic thermostat summer/winter function with LCD display, 3 temperature levels can be set, 3 modules, powered by 1.5V AA battery		
	2CSY1202MC	2CSY217075R1202	
	Electronic thermostat summer/winter function with LCD display, 3 temperature levels can be set, 3 modules, powered by 1.5V AA battery		
	2CSY1202MS	2CSY218325R1202	
	Electronic time-programmable thermostat day/week programming, summer/winter function, with LCD display, 2 modules, 230V~ 50/60Hz power supply		
	2CSY1201XC	2CSY217085R1201	
	Electronic time-programmable thermostat day/week programming, summer/winter function, with LCD display, 2 modules, 230V~ 50/60Hz power supply		
	2CSY1201XS	2CSY218335R1201	
	Electronic thermostat, summer/winter function with LCD display, 3 temperature levels can be set, 2 modules 230V~ 50/60Hz power supply		
	2CSY1202XC	2CSY217095R1202	
	Electronic thermostat, summer/winter function with LCD display, 3 temperature levels can be set, 2 modules 230V~ 50/60Hz power supply		
	2CSY1202XS	2CSY218345R1202	

Dimmers





Product	Article-No.	Order-No.	Pack/Qty
	Electronic dimmer with rotary control for resistive loads 100-500W 230V~ 50/60Hz		
	2CSY1205MC	2CSY217125R1205	
	Electronic dimmer with rotary control for resistive loads 100-500W 230V~ 50/60Hz		
	2CSY1205MS	2CSY218375R1205	
	Electronic dimmer with push-button control for resistive and inductive loads 60-500W (60-500VA) 230V~ 50/60Hz		
	2CSY1206MC	2CSY217135R1206	
	Electronic dimmer with push-button control for resistive and inductive loads 60-500W (60-500VA) 230V~ 50/60Hz		
	2CSY1206MS	2CSY218385R1206	
	Electronic dimmer with rotary control and two-way switch for resistive loads 100-500W 230V~ 50/60Hz		
	2CSY1207MC	2CSY217145R1207	
	Electronic dimmer with rotary control and two-way switch for resistive loads 100-500W 230V~ 50/60Hz		
	2CSY1207MS	2CSY218395R1207	

Mylos® – Comfort and safety devices

Gas detectors

Product	Article-No.	Order-No.	Pack/Qty
	Natural gas electronic detector with acoustic and luminous 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		
	2CSY1210MC	2CSY217035R1210	
	Natural gas electronic detector with acoustic and luminous 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		
	2CSY1210MS	2CSY218285R1210	
	LPG gas electronic detector with acoustic and luminous 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		
	2CSY1211MC	2CSY217045R1211	
	LPG gas electronic detector with acoustic and luminous 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		
	2CSY1211MS	2CSY218295R1211	

Emergency lighting



Product	Article-No.	Order-No.	Pack/Qty
	Anti black-out removable light 230V~ Charge reserve 4.5 h and recharge time 10-20 h. To be combined with 230V~ socket outlets		
	2CSY1214MC	2CSY217155R1214	
	Anti black-out removable light 230V~ Charge reserve 4.5 h and recharge time 10-20 h. To be combined with 230V~ socket outlets		
	2CSY1214MS	2CSY218405R1214	
	2M LED pluggable lamp for emergency lighting 2-module pluggable blackout lamp. 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.		
	2CSY1236MY	2CSY218762R1236	
	1M anti black-out lamp LED light for emergency lighting for steplight. Charge reserve up to 2h and recharge time 48h. Power supply 230V~ - 50/60Hz.		
	2CSY1235MY	2CSY218902R1235	

Mylos® – Comfort and safety devices

Other devices







Product	Article-No.	Order-No.	Pack/Qty
	IR motion detector with twilight sensor and adjustment of operation time		
	2CSK1626MC	2CSY279081R1626	
	IR motion detector with twilight sensor and adjustment of operation time		
	2CSY1626MS	2CSY226581R1626	
	IR receiver for remote control 1-channel, 230V~		
	2CSY1217MC	2CSY217205R1217	
	IR receiver for remote control 1-channel, 230V~		
	2CSY1217MS	2CSY218445R1217	
	Portable remote control 6 channels / 3 bands		
	2CSE1217EL	2CSE264610R1217	
	Universal badge switch with location light		
	2CSY1426MC	2CSY217225R1426	
	Universal badge switch with location light		
	2CSY1426MS	2CSY218455R1426	

Card holder 3 Modules





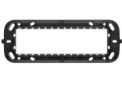

Product	Article-No.	Order-No.	Pack/Qty
	Card holder 3 Modules		
	2CSY1427MC	2CSY228055R1427	
	Card holder 3 Modules		
	2CSY1427MS	2CSY228065R1427	

Mylos® – Installation devices, accessories

Blank covers

Product	Article-No.	Order-No.	Pack/Qty
	Blank cover 1 module		
	2CSY1601MC	2CSY217235R1601	
	Blank cover 1 module		
	2CSY1601MS	2CSY218465R1601	
	Blank cover, 1/2 module		
	2CSY1600MC	2CSY217245R1600	
	Blank cover 1/2 module		
	2CSY1600MS	2CSY218475R1600	
	Blank cover 1 module with hole for cable outlet, Ø 11.50 mm		
	2CSY1606MC	2CSY217255R1606	
	Blank cover 1 module with hole for cable outlet, Ø 11.50 mm		
	2CSY1606MS	2CSY218485R1606	





Mounting grids






Product	Article-No.	Order-No.	Pack/Qty
	2-modules mounting grid with screws for flush mounted boxes with 60mm or 56x56mm screw distance		
	2CSY1602MY	2CSY217275R1602	
	2-modules mounting grid (with claws) for round box (screw distance 60 mm)		
	2CSY1612MY	2CSY217285R1612	
	3-modules mounting grid for rectangular box (screw distance 83,5 mm)		
	2CSY1603MY	2CSY217295R1603	
	4-modules mounting grid for rectangular box (screw distance 108 mm)		
	2CSY1604MY	2CSY217305R1604	
	7-modules mounting grid for rectangular box (screw distance 100 mm)		
	2CSY1607MY	2CSY217315R1607	
	4+4-modules mounting grid for rectangular box (screw distance 108 mm)		
	2CSY1608MY	2CSY217325R1608	

Mylos® – Installation devices, accessories

1-module enclosures


LEDs

Product	Article-No.	Order-No.	Pack/Qty
	1-module frame and 1-module mounting grid		
	2CSY3102MC	2CSY229385R3102	
	1-module frame and 1-module mounting grid		
	2CSY3102MS	2CSY229395R3102	
	1-module frame with housing		
	2CSY3101MC	2CSY228125R3101	
	1-module frame with housing		
	2CSY3101MS	2CSY228135R3101	

Product	Article-No.	Order-No.	Pack/Qty
	LED 250V~, white, to be used with illuminated switches for night-time location		
	2CSY1632MY	2CSY217265R1632	
	LED 250V~, white, to be used with two-way and intermediate switch for night-time location		
	2CSY1633MY	2CSY221265R1633	
	LED 9V, white, replacement for switches with incorporated LEDs		
	2CSY1609MY	2CSY221285R1609	
	LED 12V~, white, replacement for switches with incorporated LEDs		
	2CSY1622MY	2CSY221295R1622	
	LED 24V~, white, replacement for switches with incorporated LEDs		
	2CSY1624MY	2CSY221275R1624	

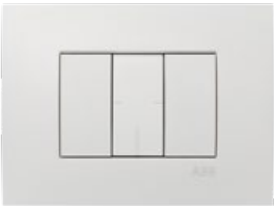
Mylos® – Installation devices, accessories

DIN rail adapter

Product	Article-No.	Order-No.	Pack/Qty
	DIN Rail adapter		
	2CSY1618MY	2CSY228075R1618	

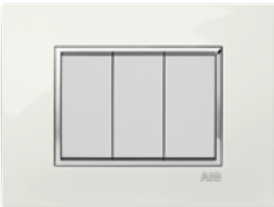
Mylos order codes

Mylos Etik - Reference standard: CEI 23-9 (EN 60669-1)



2 Modules	2CSY0201QEP	2CSY0200QEP
3 Modules	2CSY0301QEP	2CSY0300QEP
4 Modules	2CSY0401QEP	2CSY0400QEP
7 Modules	2CSY0701QEP	2CSY0700QEP
	White (square)	Black (square)

Mylos Lucent - Reference standard: CEI 23-9 (EN 60669-1)



2 Modules	2CSY0201QGP	2CSY0201RGP
3 Modules	2CSY0301QGP	2CSY0301RGP
4 Modules	2CSY0401QGP	2CSY0401RGP
7 Modules	2CSY0701QGP	2CSY0701RGP
4+4 Modules	2CSY0801QGP	2CSY0801RGP
	Alabaster white (square)	Alabaster white (round)



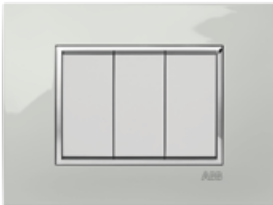
2 Modules	2CSY0202QLP	2CSY0202RLP
3 Modules	2CSY0302QLP	2CSY0302RLP
4 Modules	2CSY0402QLP	2CSY0402RLP
7 Modules	2CSY0702QLP	2CSY0702RLP
4+4 Modules	2CSY0802QLP	2CSY0802RLP
	Cold grey (square)	Cold grey (round)

Mylos order codes

Mylos Lucent - Reference standard: CEI 23-9 (EN 60669-1)

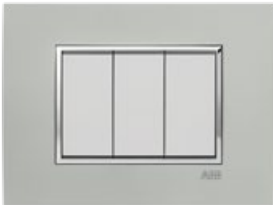


2 Modules	2CSY0200QLP	2CSY0200RLP
3 Modules	2CSY0300QLP	2CSY0300RLP
4 Modules	2CSY0400QLP	2CSY0400RLP
7 Modules	2CSY0700QLP	2CSY0700RLP
4+4 Modules	2CSY0800QLP	2CSY0800RLP
	Brilliant black (square)	Brilliant black (round)



2 Modules	2CSY0203QLP	2CSY0203RLP
3 Modules	2CSY0303QLP	2CSY0303RLP
4 Modules	2CSY0403QLP	2CSY0403RLP
7 Modules	2CSY0703QLP	2CSY0703RLP
4+4 Modules	2CSY0803QLP	2CSY0803RLP
	Ice (square)	Ice (round)

Mylos Velvet - Reference standard: CEI 23-9 (EN 60669-1)



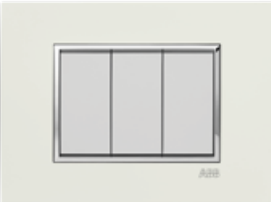
2 Modules	2CSY0221QSP	2CSY0221RSP
3 Modules	2CSY0321QSP	2CSY0321RSP
4 Modules	2CSY0421QSP	2CSY0421RSP
7 Modules	2CSY0721QSP	2CSY0721RSP
4+4 Modules	2CSY0821QSP	2CSY0821RSP
	Ice (square)	Ice (round)

Mylos order codes

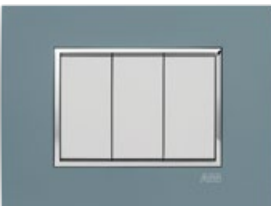
Mylos Velvet - Reference standard: CEI 23-9 (EN 60669-1)



2 Modules	2CSY0225QSP	2CSY0225RSP
3 Modules	2CSY0325QSP	2CSY0325RSP
4 Modules	2CSY0425QSP	2CSY0425RSP
7 Modules	2CSY0725QSP	2CSY0725RSP
4+4 Modules	2CSY0825QSP	2CSY0825RSP
	Graphite (square)	Graphite (round)



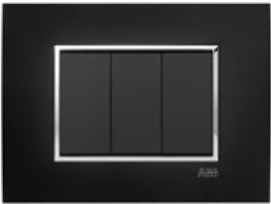
2 Modules	2CSY0224QMP	2CSY0224RMP
3 Modules	2CSY0324QMP	2CSY0324RMP
4 Modules	2CSY0424QMP	2CSY0424RMP
7 Modules	2CSY0724QMP	2CSY0724RMP
4+4 Modules	2CSY0824QMP	2CSY0824RMP
	White (square)	White (round)



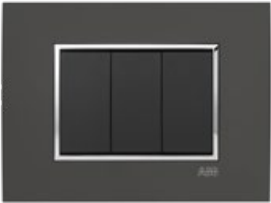
2 Modules	2CSY0222QSP	2CSY0222RSP
3 Modules	2CSY0322QSP	2CSY0322RSP
4 Modules	2CSY0422QSP	2CSY0422RSP
7 Modules	2CSY0722QSP	2CSY0722RSP
4+4 Modules	2CSY0822QSP	2CSY0822RSP
	Cold grey (square)	Cold grey (round)

Mylos order codes

Mylos Velvet - Reference standard: CEI 23-9 (EN 60669-1)

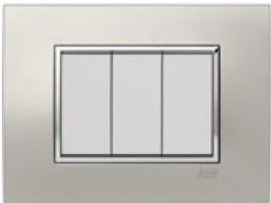


2 Modules	2CSY0223QSP	2CSY0223RSP
3 Modules	2CSY0323QSP	2CSY0323RSP
4 Modules	2CSY0423QSP	2CSY0423RSP
7 Modules	2CSY0723QSP	2CSY0723RSP
4+4 Modules	2CSY0823QSP	2CSY0823RSP
	Black (square)	Black (round)



2 Modules	2CSY0226QSP	2CSY0226RSP
3 Modules	2CSY0326QSP	2CSY0326RSP
4 Modules	2CSY0426QSP	2CSY0426RSP
7 Modules	2CSY0726QSP	2CSY0726RSP
4+4 Modules	2CSY0826QSP	2CSY0826RSP
	Anthracite (square)	Anthracite (round)

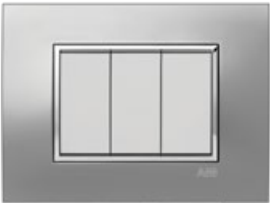
Mylos Metal - Reference standard: CEI 23-9 (EN 60669-1)



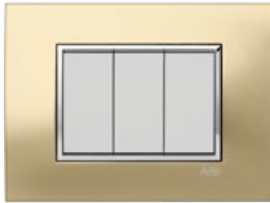
2 Modules	2CSY0211QLZ	2CSY0211RLZ
3 Modules	2CSY0311QLZ	2CSY0311RLZ
4 Modules	2CSY0411QLZ	2CSY0411RLZ
7 Modules	2CSY0711QLZ	2CSY0711RLZ
4+4 Modules	2CSY0811QLZ	2CSY0811RLZ
	Satin silver (square)	Satin silver (round)

Mylos order codes

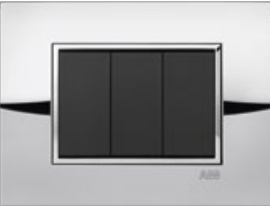
Mylos Metal - Reference standard: CEI 23-9 (EN 60669-1)



2 Modules	2CSY0204QLZ	2CSY0204RLZ
3 Modules	2CSY0304QLZ	2CSY0304RLZ
4 Modules	2CSY0404QLZ	2CSY0404RLZ
7 Modules	2CSY0704QLZ	2CSY0704RLZ
4+4 Modules	2CSY0804QLZ	2CSY0804RLZ
	Satin aluminium (square)	Satin aluminium (round)



2 Modules	2CSY0205QLZ	2CSY0205RLZ
3 Modules	2CSY0305QLZ	2CSY0305RLZ
4 Modules	2CSY0405QLZ	2CSY0405RLZ
7 Modules	2CSY0705QLZ	2CSY0705RLZ
4+4 Modules	2CSY0805QLZ	2CSY0805RLZ
	Satin gold (square)	Satin gold (round)



2 Modules	2CSY0206QLZ	2CSY0206RLZ
3 Modules	2CSY0306QLZ	2CSY0306RLZ
4 Modules	2CSY0406QLZ	2CSY0406RLZ
7 Modules	2CSY0706QLZ	2CSY0706RLZ
4+4 Modules	2CSY0806QLZ	2CSY0806RLZ
	Glossy chrome (square)	Glossy chrome (round)

Mylos order codes

Mylos Metal - Reference standard: CEI 23-9 (EN 60669-1)



2 Modules	2CSY0202QSZ	2CSY0202RSZ
3 Modules	2CSY0302QSZ	2CSY0302RSZ
4 Modules	2CSY0402QSZ	2CSY0402RSZ
7 Modules	2CSY0702QSZ	2CSY0702RSZ
4+4 Modules	2CSY0802QSZ	2CSY0802RSZ
	Brushed steel (square)	Brushed steel (round)



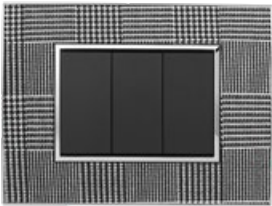
2 Modules	2CSY0210QSZ	2CSY0210RSZ
3 Modules	2CSY0310QSZ	2CSY0310RSZ
4 Modules	2CSY0410QSZ	2CSY0410RSZ
7 Modules	2CSY0710QSZ	2CSY0710RSZ
4+4 Modules	2CSY0810QSZ	2CSY0810RSZ
	Dark nickel (square)	Dark nickel (round)



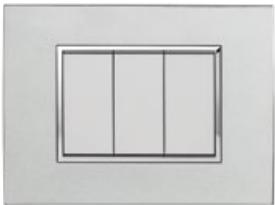
2 Modules	2CSY0207QLZ	2CSY0207RLZ
3 Modules	2CSY0307QLZ	2CSY0307RLZ
4 Modules	2CSY0407QLZ	2CSY0407RLZ
7 Modules	2CSY0707QLZ	2CSY0707RLZ
4+4 Modules	2CSY0807QLZ	2CSY0807RLZ
	Glossy gold (square)	Glossy gold (round)

Mylos order codes

Mylos Ultra by Alcantara® - Reference standard: CEI 23-9 (EN 60669-1)



3 Modules (square)	2CSY0301SUA	2CSY0303SUA
4 Modules (square)	2CSY0401SUA	2CSY0403SUA
3 Modules (round)	2CSY0301RUA	2CSY0303RUA
4 Modules (round)	2CSY0401RUA	2CSY0403RUA
	Interiors Firenze	Interiors Taormina



3 Modules (square)	2CSY0304SUA	2CSY0302SUA
4 Modules (square)	2CSY0404SUA	2CSY0402SUA
3 Modules (round)	2CSY0304RUA	2CSY0302RUA
4 Modules (round)	2CSY0404RUA	2CSY0402RUA
	Iron white	Interiors Milano



3 Modules (square)	2CSY0306SUA	2CSY0305SUA
4 Modules (square)	2CSY0406SUA	2CSY0405SUA
3 Modules (round)	2CSY0306RUA	2CSY0305RUA
4 Modules (round)	2CSY0406RUA	2CSY0405RUA
	Iron brown	Iron grey

Mylos order codes

Mylos Ultra by 3M DI-NOC™ - Reference standard: CEI 23-9 (EN 60669-1)



3 Modules (square)	2CSY0304SUM	2CSY0302SUM
4 Modules (square)	2CSY0404SUM	2CSY0402SUM
3 Modules (round)	2CSY0304RUM	2CSY0302RUM
4 Modules (round)	2CSY0404RUM	2CSY0402RUM
	Carbon	Abstract



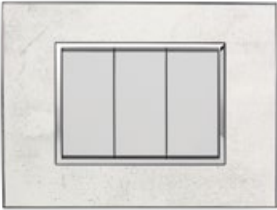
3 Modules (square)	2CSY0301SUM	2CSY0306SUM
4 Modules (square)	2CSY0401SUM	2CSY0406SUM
3 Modules (round)	2CSY0301RUM	2CSY0306RUM
4 Modules (round)	2CSY0401RUM	2CSY0406RUM
	Fine wood	Natural metallic



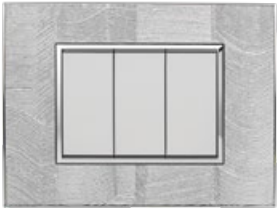
3 Modules (square)	2CSY0305SUM	2CSY0303SUM
4 Modules (square)	2CSY0405SUM	2CSY0403SUM
3 Modules (round)	2CSY0305RUM	2CSY0303RUM
4 Modules (round)	2CSY0405RUM	2CSY0403RUM
	Metallic	Silk

Mylos order codes

Mylos Ultra by Jannelli&Volpi® - Reference standard: CEI 23-9 (EN 60669-1)



3 Modules (square)	2CSY0301SUJ	2CSY0304SUJ
4 Modules (square)	2CSY0401SUJ	2CSY0404SUJ
3 Modules (round)	2CSY0301RUJ	2CSY0304RUJ
4 Modules (round)	2CSY0401RUJ	2CSY0404RUJ
	Murogrò affreschi	Lady



3 Modules (square)	2CSY0303SUJ	2CSY0302SUJ
4 Modules (square)	2CSY0403SUJ	2CSY0402SUJ
3 Modules (round)	2CSY0303RUJ	2CSY0302RUJ
4 Modules (round)	2CSY0403RUJ	2CSY0402RUJ
	Evolution	Murogrò living

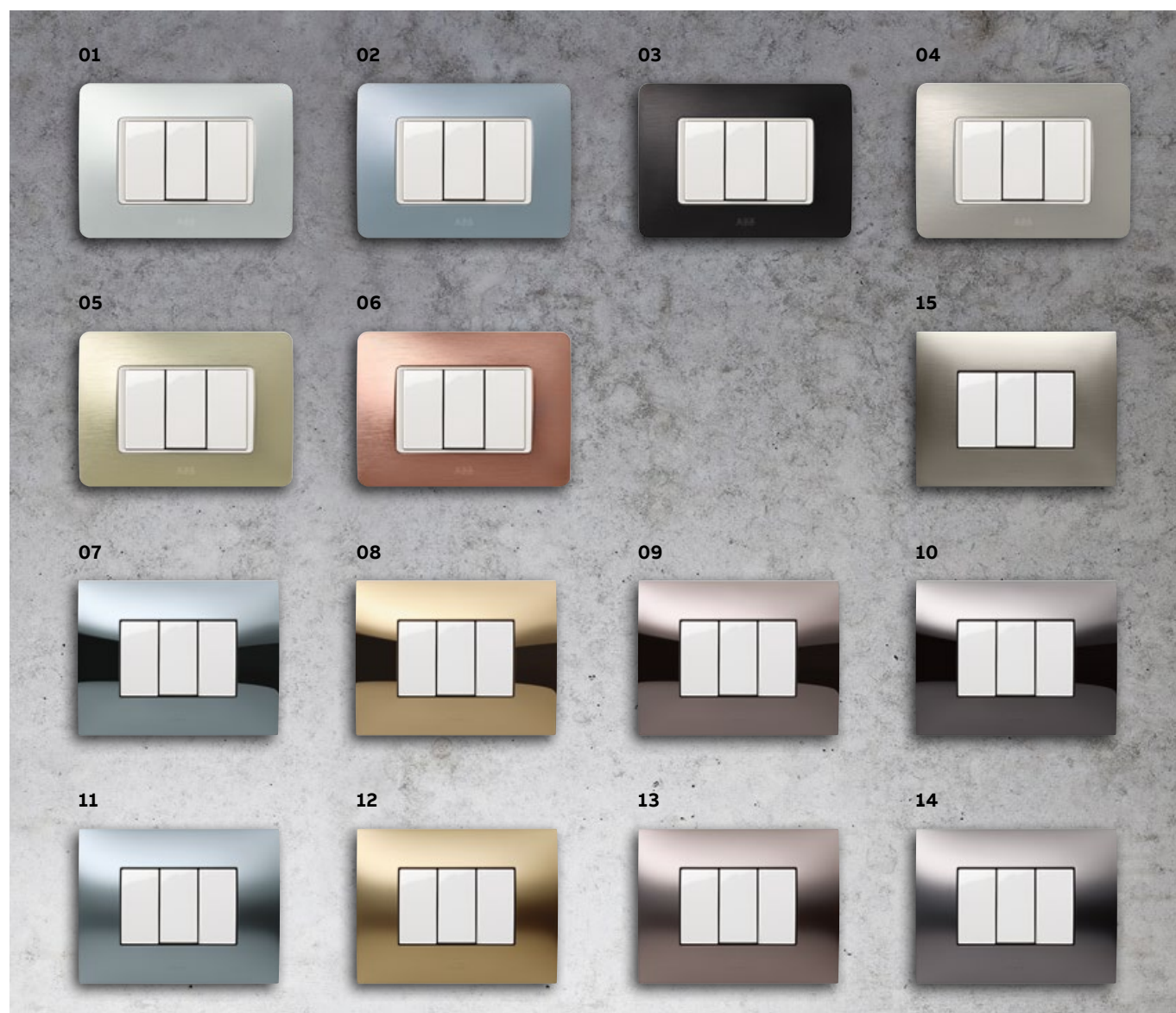


3 Modules (square)	2CSY0305SUJ	2CSY0306SUJ
4 Modules (square)	2CSY0405SUJ	2CSY0406SUJ
3 Modules (round)	2CSY0305RUJ	2CSY0306RUJ
4 Modules (round)	2CSY0405RUJ	2CSY0406RUJ
	Crossgold	Lounge

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 XITE

01 Natural
02 Icy
03 Iron Black

04 Brushed Inox

05 Champagne Gold
06 Copper

CHIARA

07 Glossy Chrome
08 Glossy Gold
09 Glossy Bronze
10 Glossy Metal Black

11 Satin Chrome

12 Satin Gold
13 Satin Bronze
14 Satin Metal Black
15 Brushed Steel

Chiara

All the voices of nature



CHIARA

16 White
17 Pastel Yellow
18 Stone
19 Pastel Green
20 Volcano

21 Sand
22 Pastel Blue
23 Pastel Orange
24 Fire Red

Chiara

Selected functions



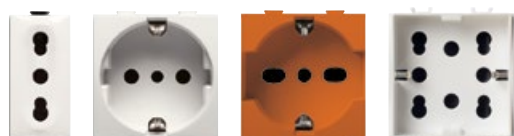
Command devices.

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.

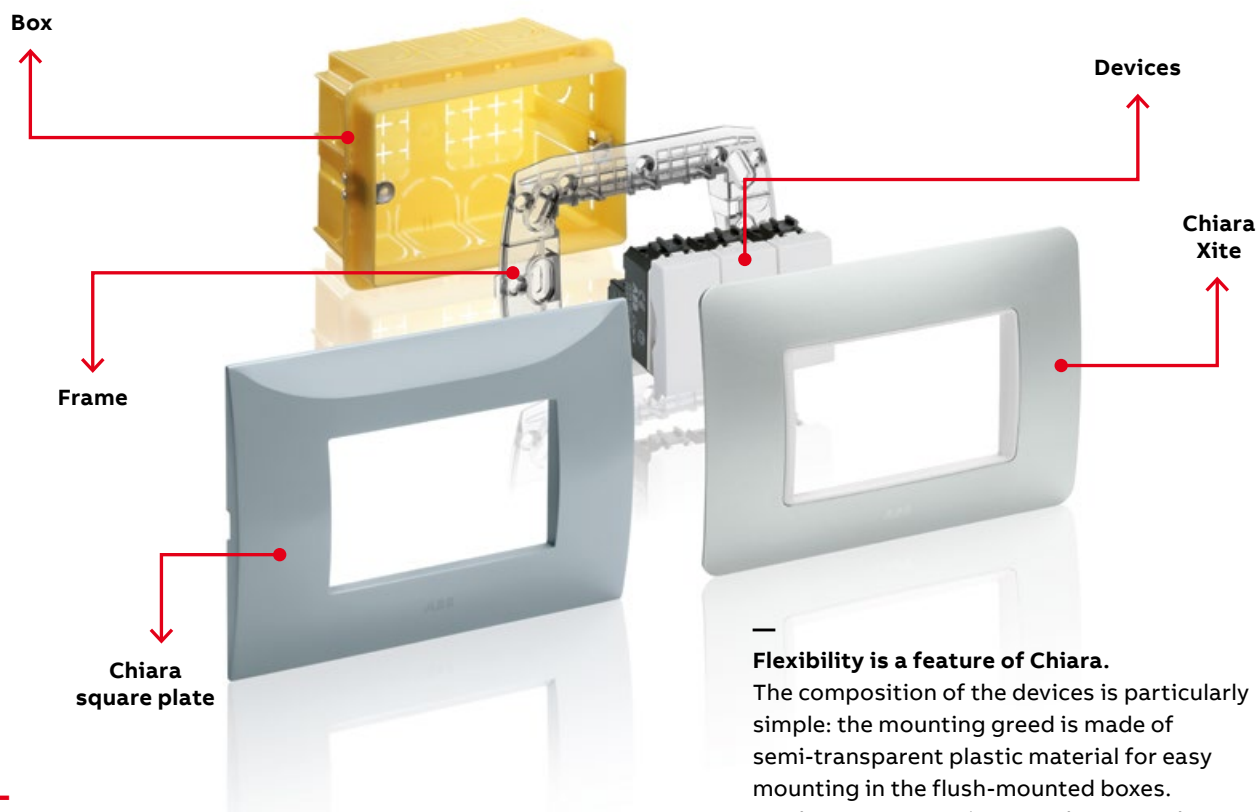


Other installation solutions.

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.

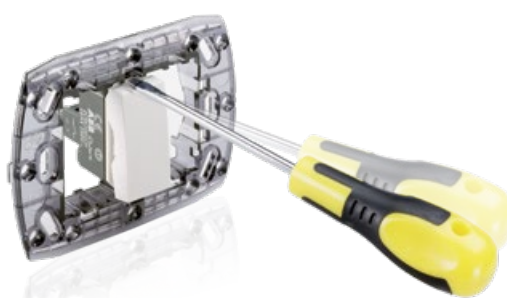


Quick installation of devices.

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.



- Frontal installation of the switches on the frame
- Modularity of the switches: 22 mm

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.



Switch illumination.

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
	Single-pole switch 16A - 250V~		
	2CSK1001CH	2CSK200005R1001	
	Double-pole switch 16A - 250V~		
	2CSK1002CH	2CSK200015R1002	
	Single-pole switch 16A - 250V~, 2 modules		
	2CSK1004CH	2CSK200025R1004	
	Double-pole switch 16A - 250V~, with key control		
	2CSK1006CH	2CSK215740R1006	
	Double-pole switch 16A - 250V~, with universal key control		
	2CSK1006CHU	2CSK221395R1006	


Two-way switches

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole two-way switch 16A - 250V~		
	2CSK1003CH	2CSK200035R1003	
	Single-pole two-way switch 16A - 250V~, 2 modules		
	2CSK1007CH	2CSK200045R1007	



Intermediate switches

	Intermediate switch 16A - 250V~		
	2CSK1010CH	2CSK200055R1010	
	Intermediate switch 16A - 250V~, 2 modules		
	2CSK1008CH	2CSK200065R1008	

Change-over switch

	Change-over switch 10A - 250V~, 3 positions, with central OFF		
	2CSK1011CH	2CSK200075R1011	

Relays




	Single-pole relay with 230V~ coil 10A output contact		
	2CSK1012CH	2CSK200255R1012	
	4 sequence change-over switch relay with 230V~ coil, 2 10A output contacts		
	2CSK1014CH	2CSK200265R1014	

Note: The lightable control devices are supplied without lamp

Chiara – Switches

Push Switches





Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switches NO 16A - 250V~		
	2CSK1005CH	2CSK200085R1005	
	Single-pole push switches NC 16A - 250V~		
	2CSK1016CH	2CSK200095R1016	
	One pole push-button 16AX, 2 Modules		
	2CSK1015CH	2CSK228545R1015	
	Double single-pole push switches NO+NO 16A - 250V~		
	2CSK1017CH	2CSK200195R1017	
	Double single-pole push switches NO+NO 16A - 250V~, with interlock		
	2CSK1018CH	2CSK200185R1018	
	Single-pole push switches 1NO and 1NC 16A - 250V~, with ON symbol		
	2CSK1022CH	2CSK200175R1022	
	Single-pole push switches 1NO and 1NC 16A - 250V~, with OFF symbol		
	2CSK1023CH	2CSK200165R1023	

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switches NO 16A - 250V~, with cord pull, with 2.25 m cord		
	2CSK1020CH	2CSK200145R1020	
	Single-pole push switches NC 16A - 250V~, with cord pull, with 2.25 m cord		
	2CSK1021CH	2CSK200155R1021	
	Double-pole push switches NO 16A - 250V~, with key control		
	2CSK1009CH	2CSK221405R1009	
	Double-pole push switches NO 16A - 250V~, with universal key control		
	2CSK1009CHU	2CSK221415R1009	

Chiara – Switches






Special push switch

Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switches NO 16A - 250V~, with BELL symbol		
	2CSK1028CH	2CSK200105R1028	
	Single-pole push switches NO 16A - 250V~, with KEY symbol		
	2CSK1029CH	2CSK200225R1029	
	Single-pole push switches NO 16A - 250V~, with STAIR LIGHT symbol		
	2CSK1030CH	2CSK200115R1030	
	Single-pole push switches NO 16A - 250V~, with red diffuser		
	2CSK1024CH	2CSK200215R1024	
	Single-pole push switches NO 16A - 250V~, with red diffuser and DO NOT DISTURB symbol		
	2CSK1034CH	2CSK231175R1034	
	Single-pole push switches NO x 16A - 250V~, with green diffuser		
	2CSK1025CH	2CSK200205R1025	
	Single-pole push switches NO 16A - 250V~, with green diffuser and MAKE UP ROOM symbol		
	2CSK1035CH	2CSK231185R1035	








Product	Article-No.	Order-No.	Pack/Qty
	Single-pole push switches NO 16A - 250V~, with orange diffuser		
	2CSK1026CH	2CSK200135R1026	
	Single-pole push switches NO 16A - 250V~, with white diffuser, 1 module		
	2CSK1027CH	2CSK200125R1027	
	Single-pole push switches NO 16A - 250V~, with backlit label holder plate, 2 modules		
	2CSK1031CH	2CSK200235R1031	
	Single-pole push switches NO 16A - 250V~, with backlit label holder plate, 3 modules		
	2CSK1032CH	2CSK203145R1032	

Chiara – Socket outlets

Italian standard socket outlets
with safety shutters


Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outlet 10A - 250V~, P11 type		
	2CSK1101C	2CSK200275R1101	
	2P+E socket outlet 10/16A - 250V~, P17/P11 type		
	2CSK1103CH	2CSK200295R1103	
	2P+E socket outlets 10/16A - 250V~, P17/P11 type, coloured for privileged circuits		
	2CSK1104CH	2CSK200325R1104	
	2P+E socket outlets 10/16A - 250V~, P17/P11 type, coloured for privileged circuits		
	2CSK1105CH	2CSK200345R1105	
	2P+E socket outlets 10/16A - 250V~, P17/P11 type, coloured for privileged circuits		
	2CSK1106CH	2CSK200335R1106	

Italian/German standard socket outlets
with safety shutters


Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outlet 16A - 250V~, P30 type		
	2CSK1108CH	2CSK200305R1108	
	2P+E socket outlets 16A - 250V~, P30 type, coloured for privileged circuits		
	2CSK1114CH	2CSK200355R1114	
	2P+E socket outlets 16A - 250V~, P30 type, coloured for privileged circuits		
	2CSK1115CH	2CSK200365R1115	
	2P+E socket outlets 16A - 250V~, P30 type, coloured for privileged circuits		
	2CSK1116CH	2CSK200375R1116	
	2P+E socket outlet 16A - 250V~, P30/17 type		
	2CSK1109CH	2CSK200315R1109	
	2P+E socket outlets 16A - 250V~, P30/17 type, coloured for privileged circuits		
	2CSK1110CH	2CSK200385R1110	
	2P+E socket outlets 16A - 250V~, P30/17 type, coloured for privileged circuits		
	2CSK1111CH	2CSK200405R1111	

Chiara – Socket outlets



Italian/German standard socket outlets with safety shutters

Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outlets 16A - 250V~, P30/17 type, coloured for privileged circuits		
	2CSK1112CH	2CSK200395R1112	

French socket outlet

	2P+E socket outlet 16A - French standard		
	2CSK1144CH	2CSK229365R1144	

British socket outlets

	2P+E socket outlet 13A - UK standard		
	2CSK1134CH	2CSK228805R1134	
	2P+E socket outlet 16A - UK standard		
	2CSK1164CH	2CSK228815R1164	

American and Euro-American socket outlets

	2P+E socket outlet 15A - 127V~ - US standard		
	2CSK1145CH	2CSK228335R1145	
	2P socket outlet 16A - Euro-American standard		
	2CSK1146CH	2CSK229355R1146	
	Double 2P+E socket outlet 15A - 127V~ - US standard		
	2CSK1147CH	2CSK226182R1147	

Interlocked socket outlets with automatic MCB and automatic RCD








Product	Article-No.	Order-No.	Pack/Qty
	2P+E socket outlet 16A - 250V, interlocked with MCB, P17/11		
	2CSK1324CH	2CSK206475R1324	
	2P+E socket outlet 16A - 250V, interlocked with MCB, P30		
	2CSK1325CH	2CSK206485R1325	
	2P+E socket outlet 16A - 250V, with RCD 10mA, P17/11		
	2CSK1326CH	2CSK206495R1326	






Special socket outlets

	2P shaver socket with insulating transformer Power supply 230V~ - 50/60Hz Output voltage 125V~ (American standard 2P socket) or 230V~ (2P socket outlet, P11 type)		
	2CSK1113CH	2CSK200415R1113	
	Flush-mounted USB charging unit max 2.1A with type A male connector, 230V~ power supply, 50 / 60Hz, 5V DC output voltage		
	2CSK1162CH	2CSK235403R1162	
	Side socket outlet (1 Schuko + 2 Italian socket outlets), 1 x 2P+E 16A + 2 x 2P+E 10/16A		
	2CSK1193CH	2CSK231295R1193	

Chiara – Socket outlets

TV/SAT socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	TV coaxial socket outlet direct, male IEC connector ø 9.5 mm, insulated type		
	2CSK1117CH	2CSK200495R1117	
	TV/SAT coaxial socket outlet direct, male IEC connector ø 9.5 mm, with feedthrough of direct current		
	2CSK1118CH	2CSK200505R1118	
	TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm, attenuation 7dB		
	2CSK1132CH	2CSK203155R1132	
	TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm, attenuation 10dB		
	2CSK1136CH	2CSK203175R1136	
	TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm, attenuation 14dB		
	2CSK1137CH	2CSK204095R1137	
	TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm, attenuation 18dB		
	2CSK1138CH	2CSK203185R1138	
	TV/SAT coaxial socket outlet direct, female F connector, with feed-through of direct current		
	2CSK1119CH	2CSK200515R1119	




Product	Article-No.	Order-No.	Pack/Qty
	Double demixed TV/SAT coaxial socket outlet direct, male IEC connector ø 9.5 mm and female F connector		
	2CSK1133CH	2CSK203165R1133	
	Double demixed TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm and female F connector, attenuation 7dB		
	2CSK1120CH	2CSK200525R1120	
	Double demixed TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm and female F connector, attenuation 10dB		
	2CSK1130CH	2CSK200535R1130	
	Double demixed TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm and female F connector, attenuation 14dB		
	2CSK1131CH	2CSK200545R1131	
	Double demixed TV/SAT coaxial socket outlet feedthrough, male IEC connector ø 9.5 mm and female F connector, attenuation 18dB		
	2CSK1139CH	2CSK203195R1139	

Chiara – Socket outlets, Protection devices





Network and telephone socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	RJ11 telephone connector		
	2CSK1121CH	2CSK200425R1121	
	RJ12 telephone connector		
	2CSK1122CH	2CSK200435R1122	
	RJ45 connector Cat. 5e, UTP (unshielded)		
	2CSK1124CH	2CSK200445R1124	
	RJ45 connector Cat. 5e, FTP (shielded)		
	2CSK1125CH	2CSK200455R1125	
	RJ45 connector Cat. 6, UTP (unshielded)		
	2CSK1127CH	2CSK200475R1127	
	RJ45 connector Cat. 6, FTP (shielded)		
	2CSK1128CH	2CSK200465R1128	
	Adapter for RJ45 connector Keystone type		
	2CSK1135CH	2CSK200485R1135	

Fuse holders, overvoltage limiters

Product	Article-No.	Order-No.	Pack/Qty
	Fuse holder for fuses Ø5x20 / Ø6.3x32 mm, max. 16A		
	2CSK1301CH	2CSK200635R1301	
	Overvoltage limiter 75J, 230V~		
	2CSK1315CH	2CSK221425R1315	
	Spare protection for overvoltage limiter		
	2CSY1302MY	2CSY221255R1302	


Miniature circuit-breakers and Residual current circuit-breakers

	Automatic MCB 1P+N, C6, breaking capacity 1.5kA		
	2CSK1304CH	2CSK200655R1304	
	Automatic MCB 1P+N, C10, breaking capacity 3kA		
	2CSK1305CH	2CSK200665R1305	
	Automatic MCB 1P+N, C16, breaking capacity 3kA		
	2CSK1306CH	2CSK200675R1306	
	Automatic RCD 1P+N, C6 - 10 mA, breaking capacity 1.5kA		
	2CSK1307CH	2CSK200685R1307	

Chiara – Protection devices, Signalling devices

Miniature circuit-breakers and
Residual current circuit-breakers





Light signals

Product	Article-No.	Order-No.	Pack/Qty
	Automatic RCD 1P+N, C10 - 10 mA, breaking capacity 3kA		
	2CSK1308CH	2CSK200695R1308	
	Automatic RCD 1P+N, C16 - 10 mA, breaking capacity 3kA		
	2CSK1309CH	2CSK200705R1309	
	Automatic RCD 1P+N, C6 - 30 mA, breaking capacity 1.5kA		
	2CSK1328CH	2CSK213425R1328	
	Automatic RCD 1P+N, C10 - 30 mA, breaking capacity 3kA		
	2CSK1329CH	2CSK213435R1329	
	Automatic RCD 1P+N, C16 - 30 mA, breaking capacity 3kA		
	2CSK1330CH	2CSK213445R1330	



Product	Article-No.	Order-No.	Pack/Qty
	Orange warning light (supplied without lamp)		
	2CSK1310CH	2CSK200605R1310	
	White warning light (supplied without lamp)		
	2CSK1311CH	2CSK200625R1311	
	Red warning light (supplied without lamp)		
	2CSK1312CH	2CSK200595R1312	
	Green warning light (supplied without lamp)		
	2CSK1313CH	2CSK200615R1313	

Chiara – Signalling devices, Safety and comfort devices



Bells and buzzers

Product	Article-No.	Order-No.	Pack/Qty
	Electro-mechanical bell 12V, power 5VA, sound intensity 80dB		
	2CSK1317CH	2CSK200555R1317	
	Electro-mechanical bell 230V, power 8VA, sound intensity 80dB		
	2CSK1318CH	2CSK200565R1318	
	Electro-mechanical buzzer 12V, power 5VA, sound intensity 70dB		
	2CSK1321CH	2CSK200575R1321	
	Electro-mechanical buzzer 230V, power 8VA, sound intensity 70dB		
	2CSK1322CH	2CSK200585R1322	

Time-programmed thermostats and thermostats



Product	Article-No.	Order-No.	Pack/Qty
	Summer/winter electronic time-programmed thermostat with 4 temperature levels relay output, 1 NO/NC change-over contact 8A (AC1)/2A (AC15) - Power supply 230V~ 50/60Hz		
	2CSK2201CH	2CSK200765R2201	
	Summer/winter electronic thermostat relay output, 1 NO contact 8A (AC1)/2A (AC15) - Power supply 230V~ 50/60Hz		
	2CSK1202CH	2CSK200755R1202	

Dimmer






	Electronic dimmer with rotary control for resistive loads 100-500W, 230V~ 50/60Hz		
	2CSK1205CH	2CSK200715R1205	
	Electronic dimmer with rotary control and with two-way switch for resistive loads 100-500W, 230V~ - 50/60Hz		
	2CSK1204CH	2CSK200735R1204	
	Electronic dimmer with pushbutton control for resistive and inductive loads 60-500W, (60-500VA) 230V~ - 50/60Hz		
	2CSK1207CH	2CSK200725R1207	

Chiara – Safety and comfort devices


Gas detectors

Product	Article-No.	Order-No.	Pack/Qty
	Electronic natural gas detector 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		
	2CSK1210CH	2CSK225295R1210	
	Electronic LPG gas detector 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		
	2CSK1211CH	2CSK225305R1211	

Emergency lighting



	Removable anti-blackout light, 230V~ Charge reserve 4.5 h and recharge time 10-20h. To be combined with 230V~ socket outlets; particularly recommended for codes 2CSK1108CH and 2CSK1109CH		
	2CSK1214CH	2CSK203205R1214	
	LED light for emergency lighting or steplight Charge reserve up to 2h and recharge time 48h. Power supply 230V~ - 50/60Hz.		
	2CSK1235CH	2CSK218932R1235	
	2-module pluggable blackout lamp 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.		
	2CSK1236CH	2CSK218782R1236	
	Universal badge switch with location light Relay output with NO contact 10A (AC1). Power supply 230V~ 50/60Hz		
	2CSK1426CH	2CSK223155R1426	
	IR motion detector 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		
	2CSK1226CH	2CSK235321R1226	

Other devices



Product	Article-No.	Order-No.	Pack/Qty
	Universal badge switch 3M		
	2CSK1427CH	2CSK228275R1427	

Chiara – Components for installation







Blank covers

Product	Article-No.	Order-No.	Pack/Qty
	Blank cover 1 module		
	2CSK1601CH	2CSK200785R1601	
	Blank cover 1 module, with hole for cable outlet ø 12.5mm		
	2CSK1606CH	2CSK200795R1606	


1-module enclosures

	1-module frame and 1-module mounting grid		
	2CSK3102CH	2CSK229375R3102	
	1-module frame with housing		
	2CSK3101CH	2CSK228345R3101	

Mounting grids

Product	Article-No.	Order-No.	Pack/Qty
	2-modules mounting grid with latching claws for round box		
	2CSK1612CH	2CSK203245R1612	
	2-modules mounting grid with screws for rectangular or round box with screws (center distance 60mm)		
	2CSK1602CH	2CSK200815R1602	
	3-modules mounting grid for rectangular box (center distance 83.5 mm)		
	2CSK1603CH	2CSK200825R1603	
	4-modules mounting grid for rectangular box (center distance 108 mm)		
	2CSK1604CH	2CSK200835R1604	
	7-modules mounting grid for rectangular box (center distance 100 mm)		
	2CSK1607CH	2CSK200845R1607	
	7+7-modules mounting grid		
	2CSK1614CH	2CSK228265R1614	

Accessories

	LED lamp 230V, cable length 100 mm. To be used in combination with illuminable switches		
	2CSK1616CH	2CSK259192R1616	

Chiara

Other installation solutions

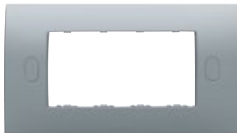
Self-supporting frames



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



Product type	2CSK2140CH	2CSK2240CH	2CSK2340CH	2CSK2440CH
Packing / No. items	10/40	10/40	10/30	10/20
	1-space enclosure, IP40	2-space enclosure, IP40	3-space enclosure, IP40	4-space enclosure, IP40

IP55 wall-mounted enclosures



Product type	2CSK2155CH	2CSK2255CH	2CSK2355CH	2CSK2455CH
Packing / No. items	10/40	10/40	8/24	8/16
	1-space enclosure, IP55	2-space enclosure, IP55	3-space enclosure, IP55	4-space enclosure, IP55

IP55 flush-mounted covers



Product type	2CSK3255CH	2CSK3355CH
Packing / No. items	1/40	1/40
	IP 55 2-module frame, white	IP 55 3-module frame, white

Chiara

Order codes

Chiara Xite - Reference standard: CEI 23-9 (EN 60669-1)



2 Modules	2CSK0271CH	2CSK0274CH	2CSK0276CH
3 Modules	2CSK0371CH	2CSK0374CH	2CSK0376CH
4 Modules	2CSK0471CH	2CSK0474CH	2CSK0476CH
7 Modules	2CSK0771CH	2CSK0774CH	2CSK0776CH
	Natural	Iron Black	Champagne Gold

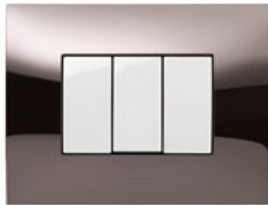
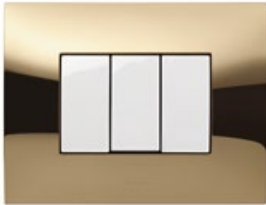
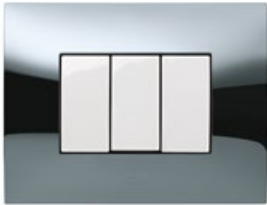


2 Modules	2CSK0272CH	2CSK0273CH	2CSK0275CH
3 Modules	2CSK0372CH	2CSK0373CH	2CSK0375CH
4 Modules	2CSK0472CH	2CSK0473CH	2CSK0475CH
7 Modules	2CSK0772CH	2CSK0773CH	2CSK0775CH
	Icy	Brushed Inox	Copper

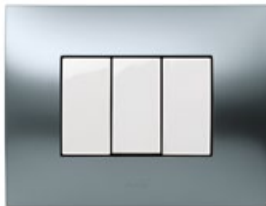
Chiara

Order codes

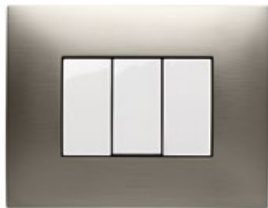
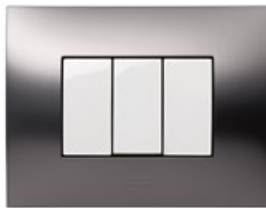
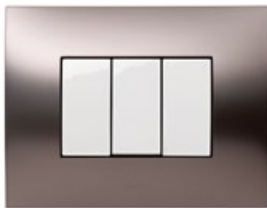
Metallic frames with glossy and satin finish - Reference standard: CEI 23-9 (EN 60669-1)



2 Modules	2CSK0215CH	2CSK0253CH	2CSK0251CH
3 Modules	2CSK0315CH	2CSK0353CH	2CSK0351CH
4 Modules	2CSK0415CH	2CSK0453CH	2CSK0451CH
7 Modules	2CSK0715CH	2CSK0753CH	2CSK0751CH
	Glossy Chrome	Glossy Gold	Glossy Bronze

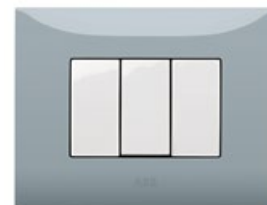
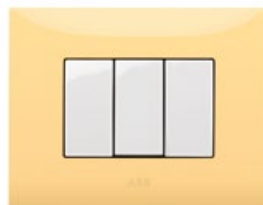
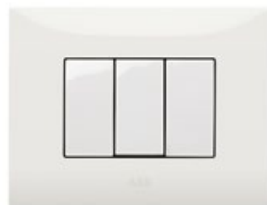


2 Modules	2CSK0217CH	2CSK0216CH	2CSK0254CH
3 Modules	2CSK0317CH	2CSK0316CH	2CSK0354CH
4 Modules	2CSK0417CH	2CSK0416CH	2CSK0454CH
7 Modules	2CSK0717CH	2CSK0716CH	2CSK0754CH
	Glossy Metal Black	Satin Chrome	Satin Gold

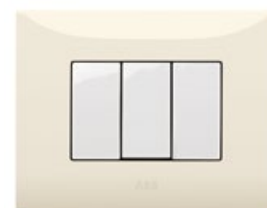
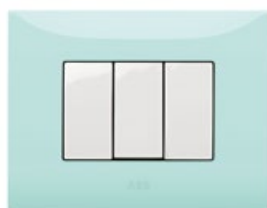


2 Modules	2CSK0252CH	2CSK0218CH	2CSK0219CH
3 Modules	2CSK0352CH	2CSK0318CH	2CSK0319CH
4 Modules	2CSK0452CH	2CSK0418CH	2CSK0419CH
7 Modules	2CSK0752CH	2CSK0718CH	2CSK0719CH
	Satin Bronze	Satin Metal Black	Brushed Steel

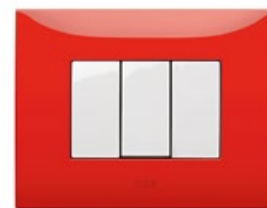
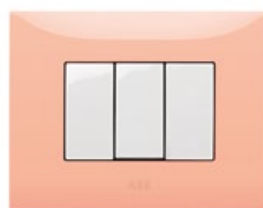
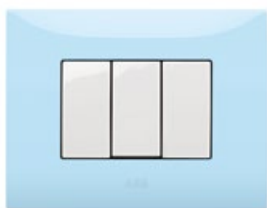
Technopolymer frames - Reference standard: CEI 23-9 (EN 60669-1)



2 Modules	2CSK0201CH	2CSK0211CH	2CSK0203CH
3 Modules	2CSK0301CH	2CSK0311CH	2CSK0303CH
4 Modules	2CSK0401CH	2CSK0411CH	2CSK0403CH
7 Modules	2CSK0701CH	2CSK0711CH	2CSK0703CH
7+7 Modules	2CSK1401CH	-	-
	White	Pastel Yellow	Stone



2 Modules	2CSK0213CH	2CSK0204CH	2CSK0202CH
3 Modules	2CSK0313CH	2CSK0304CH	2CSK0302CH
4 Modules	2CSK0413CH	2CSK0404CH	2CSK0402CH
7 Modules	2CSK0713CH	2CSK0704CH	2CSK0702CH
	Pastel Green	Volcano	Sand



2 Modules	2CSK0214CH	2CSK0212CH	2CSK0205CH
3 Modules	2CSK0314CH	2CSK0312CH	2CSK0305CH
4 Modules	2CSK0414CH	2CSK0412CH	2CSK0405CH
7 Modules	2CSK0714CH	2CSK0712CH	2CSK0705CH
	Pastel Blue	Pastel Orange	Fire Red

Unno

A cocktail of colors

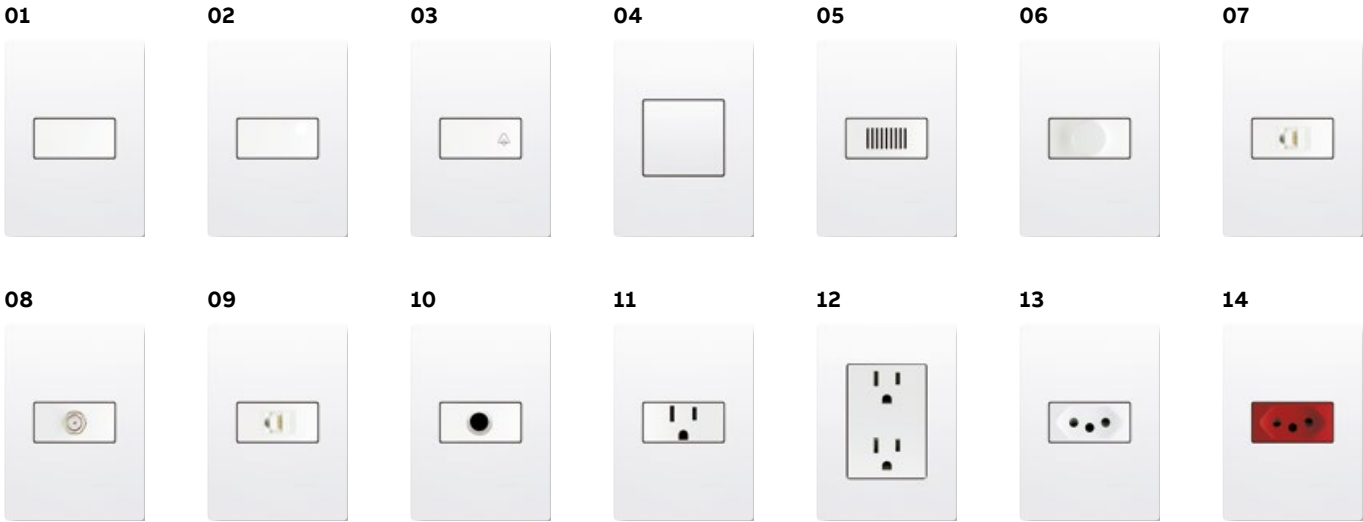
Create a fun filled home with a variety of colors. Design, technology, respecting the environment, versatility and beauty. It considers it all. Unno makes its mark via a wide range of tones and colors that can form a personalized room or home. Created to meet your decorative and design expectations. You'll find it hard to choose.



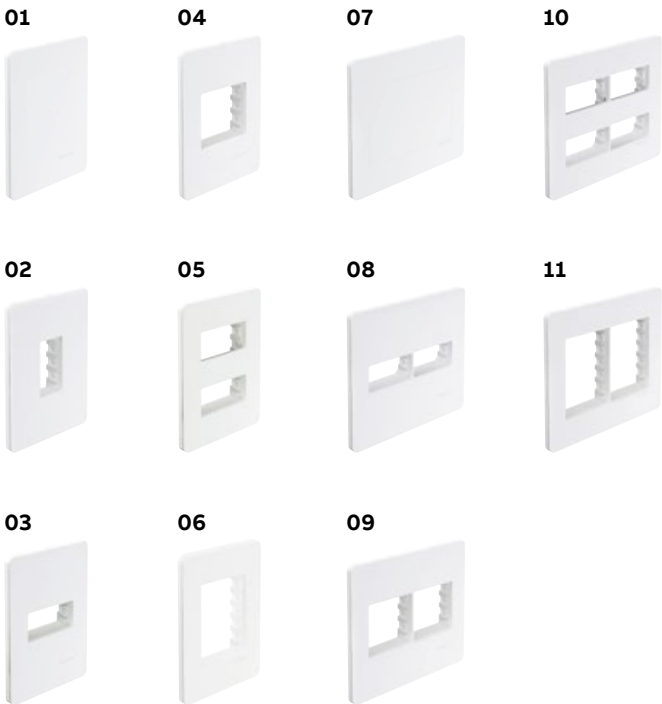
BL	White	MD	Tangerine
NG	Black	AR	Blueberry
GP	Silver Gray	LL	Lilac
MS	Mustard	MN	Mint
CT	Chocolate	CM	Caramel
		AZ	Blue

Unno

Selected functions



- | | | |
|---|-----------------------------|--------------------------------|
| 01 1-gang, 1-way single pole switch | 06 Universal rotary dimmer | 11 Nema simple socket outlet |
| 02 1-gang, 2-way single pole switch with lamp | 07 RJ11 telephone outlet | 12 Nema duplex socket outlet |
| 03 1-gang, 1-way push switch with bell symbol | 08 Type F TV outlet | 13 Brazilian 10A socket outlet |
| 04 1-gang, 1-way double pole 32A switch | 09 RJ45 Cat. 5E data outlet | 14 Brazilian 20A socket outlet |
| 05 Buzzer | 10 Cable 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.

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.

Unno is eco-design



11

The Unno line has a low environmental impact in each of its design, production, logistics, sales, use and recycling processes.



ABB is a pioneer in offering an eco-project range for both covers and switches.

Always concerned with social and environmental well-being associated with the use of new technologies; ABB contributes to the construction of a better world for future generations.

These are some of Unno's contributions to environmental conservation:

- The Unno bulbs, using LED technology, bring a 80% reduction in energy use with their useful life lasting 10 years.
- The Unno range uses recyclable and reusable materials.
- Optimised raw materials offering energy savings during manufacturing processes.

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.



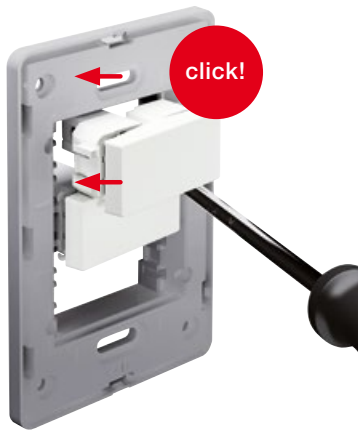
Safety

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.



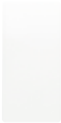
Large cover sizes

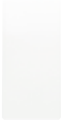
Allows the correction of possible imperfections when installing wall switches.




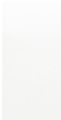
Unno

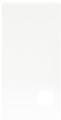
Rocker switches

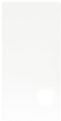
Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screw terminals. Optional: locator LED lamp N1191 BL (127 Vac).		
White	N1101 BL	2CLA110100N1103	30
White/Black	N1101 BN	2CLA110100N1803	30


	Switch 1-gang, 2-way, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 10AX. Screw terminals. Optional: locator LED lamp N1191 BL (127 Vac).		
White	N1102 BL	2CLA110200N1103	30
White/Black	N1102 BN	2CLA110200N1803	30


	Switch 1-gang, intermediate, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screw terminals. Optional: locator LED lamp N1191 BL (127 Vac).		
White	N1110 BL	2CLA111000N1103	30
White/Black	N1110 BN	2CLA111000N1803	30

	Switch 1-gang, 1-way, DP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 20 AX. Screw terminals.		
White	N1101.7 BL	2CLA110170N1103	5
White/Black	N1101.7 BN	2CLA110170N1803	5

	Switch 1-gang, 1-way, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screw terminals. Included: locator LED lamp N1191 BL (127 Vac).		
White	N1101.3 BL	2CLA110130N1103	30
White/Black	N1101.3 BN	2CLA110130N1803	30








	Switch 1-gang, 2-way, SP - 1 M Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screw terminals. Included: locator LED lamp N1191 BL (127 Vac).		
White	N1102.3 BL	2CLA110230N1103	30
White/Black	N1102.3 BN	2CLA110230N1803	30



Product	Article-No.	Order-No.	Pack/Qty
	Push-button, SP with bell symbol - 1M Rated voltage: 110 - 250 Vac. Rated current: 10 AX. Screw terminals. Optional: locator LED lamp N1191 BL (127 Vac).		
White	N1104 BL	2CLA110400N1103	30
White/Black	N1104 BN	2CLA110400N1803	30

	Locator LED lamp kit - 127 Vac - 1M Suitable for all the switches and push buttons. White light. Rated voltage: 110 - 250 Vac. Rear connection with 2 cables. Rated current: <0,2 mA. Specially designed for CFL and LED lamps.		
White	N1191 BL	2CLA119100N1003	10

Unno





Socket outlets









Product	Article-No.	Order-No.	Pack/Qty
	American earthed socket outlet - 1M Rated voltage: 125 Vac. Rated current: 15 A. Type B: 2P + E / NEMA 5-15R. Shuttered for child safety. Screw terminals.		
	White	N1128 BL	2CLA112800N1103 30
	American earthed duplex socket outlet - 3M Rated voltage: 125 Vac. Rated current: 15 A. Type B: 2P + E / NEMA 5-15R. Duplex outlet. Shuttered for child safety. Screw terminals.		
	White	N1328 BL	2CLA132800N1103 20
	Euro-American unearthed socket outlet - 1M Rated voltage: 125 / 250 Vac. Rated current: 15 / 16A. Type A+C: 2P (non-earthed) / NEMA 1-15R. Screw terminals.		
	White	N1135 BL	2CLA113500N1103 30
	Euro-American earthed socket outlet - 1M Rated voltage: 110 - 250 Vac. Rated current: 15 / 16 A. Type B+C: 2P + E / NEMA 5-15R. Shuttered for child safety. Screw terminals.		
	White	N1138 BL	2CLA113800N1103 30
	Euro-American earthed duplex socket outlet - 3M Rated voltage: 110 - 250 Vac. Rated current: 15 / 16 A. Type B+C: 2P + E / NEMA 5-15R. Shuttered for child safety. Screw terminals.		
	White	N1338 BL	2CLA133800N1103 20
	Brazilian 10A socket outlet - 1M Rated voltage: 110 - 250 Vac. Rated current: 10 A. Type N: 2P + E. Shuttered for child safety. Screw terminals.		
	White	N1136 BL	2CLA113600N1103 20
	Red	N1136 RJ	2CLA113600N7003 20
	Brazilian 20A socket outlet - 1M Rated voltage: 110 - 250 Vac. Rated current: 20 A. Type N: 2P + E. Shuttered for child safety. Screw terminals.		
	White	N1136.2 BL	2CLA113620N1103 20
	Red	N1136.2 RJ	2CLA113620N7003 20

Product	Article-No.	Order-No.	Pack/Qty
	USB charger 750mA, 1-gang - 1M Input voltage: 100 - 240 Vac $\pm 10\%$; 50/60 Hz. Input current: 0,12 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 750 mA. Power consumption in stand-by: $\leq 0,3W@230Vac$. Energy efficiency: $\geq 66\%$. Operating Temperature: 0 °C to 45 °C.		
	White	N1185 BL	2CLA118500N1103 1
	USB charger 2.000mA, 1-gang - 1M Input voltage: 100 - 230 Vac $\pm 10\%$; 50/60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 2.000 mA. Power consumption in stand-by: $\leq 0,01W@230Vac$. Energy efficiency: $\geq 79\%$. Operating temperature: 0 °C to 45 °C.		
	White	N1185.2 BL	2CLA118520N1103 1

Unno



Data communication

Product	Article-No.	Order-No.	Pack/Qty
	TV terminal outlet F-type - 1M Single TV outlet - Dead-end. F type. For 75Ω impedance coaxial cable. Frequency range: 0 - 2.000 Mhz. Working voltage: 250 VRMS max. Dielectric withstanding voltage: 500 VRMS min. Contact resistance: - 5 mΩ max. (center contact). - 2 mΩ max. (outer contact). Insulator resistance: 1.000 MΩ min.		
	White	N1150 BL	2CLA115000N1103 10
	Telephone outlet RJ11 - 1M RJ11 type connector. 4 contacts. Suitable for 2 or 4 contacts jack. Screw terminals.		
	White	N1117 BL	2CLA111700N1103 10
	Data outlet RJ45 Cat.5e UTP RJ45 type connector. Cat.5e UTP. In compliance with ANSI/TIA/EIA 568B.2 , ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. To be installed with N2118.1, N2218.1 and N2218.2 cover plates.		
	White	N1118.5 BL	2CLA111850N1103 10
	Data outlet RJ45 Cat.6 UTP RJ45 type connector. Cat.6 UTP. In compliance with ANSI/TIA/EIA 568B.2 , ISO/IEC11801 & EN50173. Universal TIA/EIA 568A and 568B labeling. Housing: ABS UL-94-0. Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4). IDC: PC UL94V-0, Accept 22-26AWG solid wire. Contact: RJ45 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area. Tool-less wiring. To be installed with N2118.1, N2218.1 and N2218.2 cover plates.		
	White	N1118.6 BL	2CLA111860N1103 10



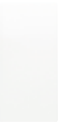
Product	Article-No.	Order-No.	Pack/Qty
	2x RCA connection unit - 1M Front: 2x RCA connectors (Red / White). Rear: screw terminals (4 wires).		
	White	N1155.2 BL	2CLA115520N1103 1
	3x RCA connection unit - 1M Front: 3x RCA connectors (Red / White / Yellow). Rear: screw terminals (6 wires).		
	White	N1155.3 BL	2CLA115530N1103 1
	Mini-Jack connection unit - 1M Front: 1x Mini-Jack connector (3,5 mm. stereo audio jack). Rear: screw terminals (3/4 wires).		
	White	N1155.4 BL	2CLA115540N1103 1
	VGA connection unit - 1M Front: 1x VGA connector (DE-15 connector). Rear: screw terminals (15 wires).		
	White	N1155.5 BL	2CLA115550N1103 1
	HDMI connection unit - 1M Front: 1x HDMI connector (Type A connector). Rear: screwless terminals (20 wires).		
	White	N1155.6 BL	2CLA115560N1103 1
	HDMI female-female connection unit - 1M Front: 1x HDMI connector (Type A connector). Rear: 1x HDMI connector (Type A connector) fitted at 90° angle.		
	White	N1155.7 BL	2CLA115570N1103 1
	USB connection unit - 1M Front: 1x USB 2.0 connector (Type A connector). Rear: screwless terminals (5 wires).		
	White	N1155.8 BL	2CLA115580N1103 1
	USB female-female connection unit - 1M Front: 1x USB 2.0 connector (Type A connector). Rear: 1x USB 2.0 connector (Type A connector) fitted at 90° angle.		
	White	N1155.9 BL	2CLA115590N1103 1

Unno






Blind control

Product	Article-No.	Order-No.	Pack/Qty
	Push-button blind control 1-gang - 1M Rated voltage: 110 - 250 Vac. Rated current: 6A. Miniswitch. Direct control		
	White	N1144 BL	2CLA114400N1103 10
	Switch blind control 1-gang - 1M Rated voltage: 110 - 250 Vac. Rated current: 6A. Miniswitch. Direct control.		
	White	N1144.1 BL	2CLA114410N1103 10

Various






	Buzzer - 1M Rated voltage: 110 - 230 Vac. Sound level at 1 meter: 75dB. Adjustable volume with screwdriver.		
	White	N1119 BL	2CLA111900N1103 10
	Cable outlet - 1M Includes a clamp to fix the cable.		
	White	N1107 BL	2CLA110700N1103 10
	Blank cover - 1M		
	White	N1100 BL	2CLA110000N1103 20






Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	Rotatory/push dimmer 127V - 1M Rated voltage: 110 - 127 Vac. Incandescent lamps: 50 - 500 W. Halogen lamps: 50 - 500 W. Overload and short-circuit protection with fuse (Not resetable).		
	White	N1160 BL	2CLA116000N1103 10
	Rotatory/push dimmer 220V - 2M Rated voltage: 220 - 230 Vac. Incandescent lamps: 50 - 700 W. Halogen lamps: 50 - 700 W. Overload and short-circuit protection with fuse (Not resetable).		
	White	N1160.1 BL	2CLA116010N1103 10
	Rotatory LED Triac dimmer - 1M Rated voltage: 110 - 230 Vac. Frequency: 50/60 Hz Power min. load: 3 W Power max. load (127 / 230 Vac): - LEDi: 50 / 100 W (max. 10 lamps). - LEDi with LC transformer: 50 / 100 W (max. 10 lamps). - Halogen with LC transformer: 100 / 200 W. - Incandescent lamps: 150 / 250 W. 2 wire connection. OFF position		
	White	N1160.2 BL	2CLA116020N1103 1
	LED/Universal rotatory dimmer 220V - 1M Rated voltage: 230 Vac \pm 10%. Frequency: 50-60 Hz. Power (min./max load): - LEDi (trailing-edge lamps): 4 / 250 W/VA. - LEDi (leading-edge lamps): 4 / 60 W/VA.* - LV LEDi with transformer type C: 4 / 250 W/VA. - LV LEDi with transformer type LC: 4 / 60 W/VA.* - LV halogen with transformer type C: 4 / 250 W/VA. - LV halogen with transformer type LC: 4 / 250 W/VA. - Incandescent lamps: 4 / 250 W/VA. - Halogen lamps: 4 / 250 W/VA. *Max. 10 lamps. Load selection 2 or 3 wire connection. OFF position		
	White	N1160.3 BL	2CLA116030N1103 1
	LED/Universal rotatory dimmer 110V - 1M Rated voltage: 127 Vac \pm 10%. Frequency: 60 Hz. Power (min./max load): - LEDi (trailing-edge lamps): 4 / 125 W/VA. - LEDi (leading-edge lamps): 4 / 30 W/VA.* - LV LEDi with transformer type C: 4 / 125 W/VA. - LV LEDi with transformer type LC: 4 / 30 W/VA.* - LV halogen with transformer type C: 4 / 125 W/VA. - LV halogen with transformer type LC: 4 / 125 W/VA. - Incandescent lamps: 4 / 125 W/VA. - Halogen lamps: 4 / 125 W/VA. *Max. 10 lamps. Load selection 2 or 3 wire connection. OFF position.		
	White	N1160.8 BL	2CLA116080N1103 1

Unno


Frames


Product	Article-No.	Order-No.	Pack/Qty
	Blank frame With pre-cut for cable outlet. Dimensions: 115 × 80 mm. Not included: mounting plate N1373.9 XX. Flush mounting boxes code: 499.3. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.		
	White	N1370 BL	2CLA137000N1102 24
	1-gang frame - 1 module Dimensions: 115 × 80 mm. Not included: mounting plate N1373.9 XX. Flush mounting boxes code: 499.3. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.		
	White	N1371 BL	2CLA137100N1102 24
	1-gang frame - 2 modules Dimensions: 115 × 80 mm. Not included: mounting plate N1373.9 XX. Flush mounting boxes code: 499.3. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.		
	White	N1371.2 BL	2CLA137120N1103 24
	2-gang frame - 1+1 modules Dimensions: 115 × 80 mm. Not included: mounting plate N1373.9 XX. Flush mounting boxes code: 499.3. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.		
	White	N1372 BL	2CLA137200N1103 24
	1-gang frame - 3 modules Dimensions: 115 × 80 mm. Not included: mounting plate N1373.9 XX. Flush mounting boxes code: 499.3. Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.		
	White	N1373 BL	2CLA137300N1102 24

Product	Article-No.	Order-No.	Pack/Qty
	Blank frame With pre-cut for cable outlet. Dimensions: 115 × 128 mm. Not included: mounting plate N1673.9 XX. For 4" × 4" Brazilian and American boxes.		
	White	N1670 BL	2CLA167000N1103 10
	2-gang frame - 1+1 modules Dimensions: 115 × 128 mm. Not included: mounting plate N1673.9 XX. For 4" × 4" Brazilian and American boxes.		
	White	N1671 BL	2CLA167100N1103 10
	2-gang frame - 2+2 modules Dimensions: 115 × 128 mm. Not included: mounting plate N1673.9 XX. For 4" × 4" Brazilian and American boxes.		
	White	N1672 BL	2CLA167200N1103 10
	4-gang frame - 1+1+1+1 modules Dimensions: 115 × 128 mm. Not included: mounting plate N1673.9 XX. For 4" × 4" Brazilian and American boxes.		
	White	N1671.4 BL	2CLA167140N1103 10
	2-gang frame - 3+3 modules Dimensions: 115 × 128 mm. Not included: mounting plate N1673.9 XX. For 4" × 4" Brazilian and American boxes.		
	White	N1673 BL	2CLA167300N1103 10

Unno

Mounting frames

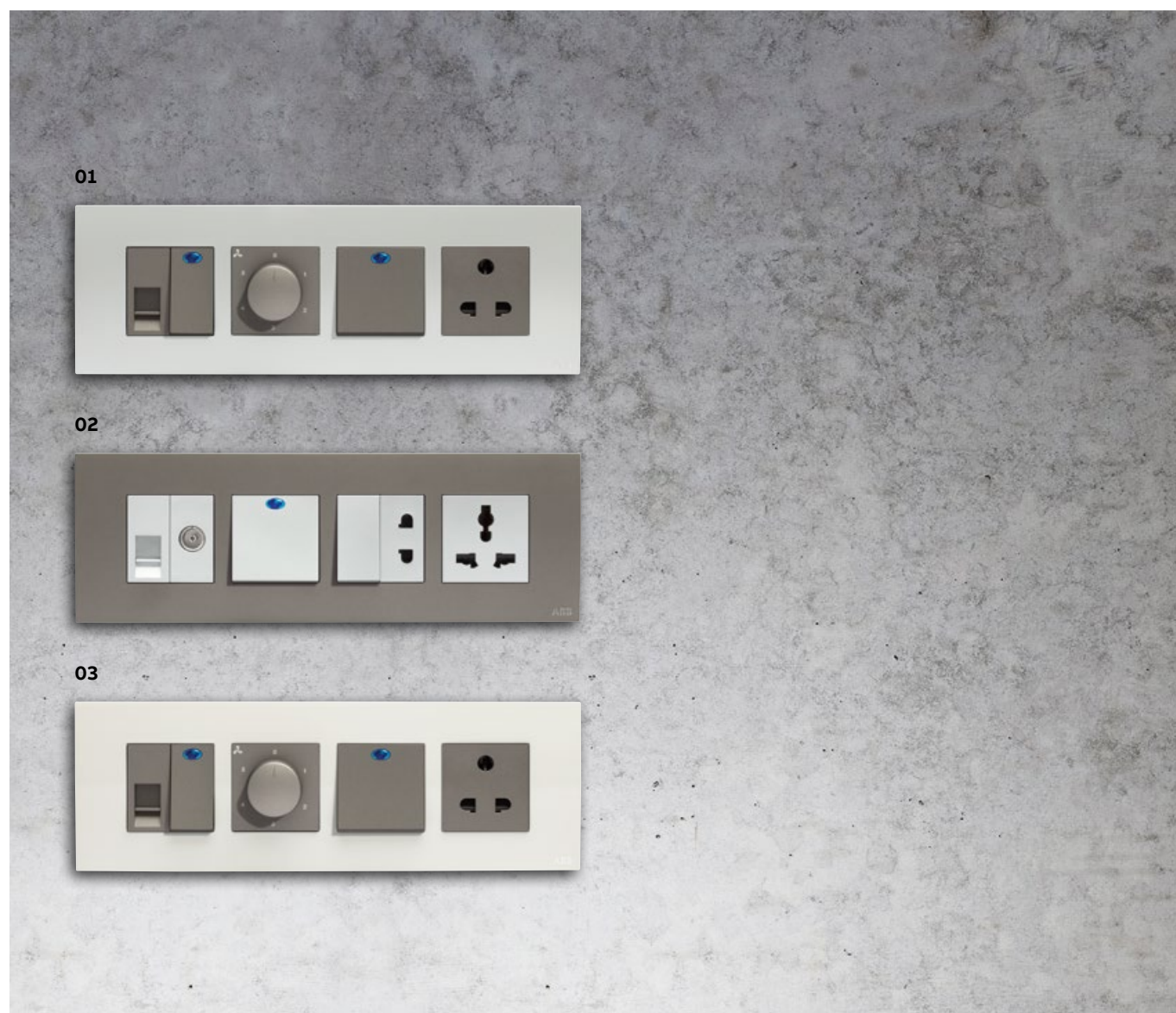
Product	Article-No.	Order-No.	Pack/Qty
 <p>1-gang mounting frame - 3 modules With colored decorative contour. 3 modules. For N1371, N1372, N1371.2 and N1373 frames. Dimensions: 115 × 80 mm. Flush mounting boxes code: 499.3. Frame and mounting plate also suitable for 3 module Italian type boxes, 4" × 2" Brazilian boxes and American boxes.</p>	White	N1373.9 BL	2CLA137390N1103 24
	Black	N1373.9 NG	2CLA137390N1503 24
	Silver gray	N1373.9 GP	2CLA137390N1303 24
	Chocolate	N1373.9 CT	2CLA137390N2603 24
	Tangerine	N1373.9 MD	2CLA137390N2503 24
	Blueberry	N1373.9 AR	2CLA137390N2403 24
	Lilac	N1373.9 LL	2CLA137390N2303 24
	Mint	N1373.9 MN	2CLA137390N2203 24
	Mustard	N1373.9 MS	2CLA137390N2103 24
	Blue	N1373.9 AZ	2CLA137390N2003 24

Product	Article-No.	Order-No.	Pack/Qty
 <p>2-gang mounting frame - 3+3 modules With colored decorative contour. 3+3 modules. For N1671, N1672, N1671.4 and N1673 frames. Dimensions: 115 × 128 mm. For 4" × 4" Brazilian boxes.</p>	White	N1673.9 BL	2CLA167390N1103 10
	Black	N1673.9 NG	2CLA167390N1503 10
	Silver gray	N1673.9 GP	2CLA167390N1303 10
	Chocolate	N1673.9 CT	2CLA167390N2603 10
	Tangerine	N1673.9 MD	2CLA167390N2503 10
	Blueberry	N1673.9 AR	2CLA167390N2403 10
	Lilac	N1673.9 LL	2CLA167390N2303 10
	Mint	N1673.9 MN	2CLA167390N2203 10
	Mustard	N1673.9 MS	2CLA167390N2103 10
	Blue	N1673.9 AZ	2CLA167390N2003 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
	Switch 1 way 6 A - 240 V ~ Number of modules: 1		
	white	IIS10610 BL	1SYK100001A1001 20/400
	anthracite grey	IIS10610 AN	1SYK100001A1201 20/400
	silver	IIS10610 PL	1SYK100001A1101 20/400


	Switch 2 way 6 A - 240 V ~ Number of modules: 2		
	white	IIS10620 BL	1SYK100001A1002 20/400
	anthracite grey	IIS10620 AN	1SYK100001A1202 20/400
	silver	IIS10620 PL	1SYK100001A1102 20/400


	Switch 1 way 16 A - 240 V ~ Number of modules: 1		
	white	IIS11610 BL	1SYK100001A1006 20/400
	anthracite grey	IIS11610 AN	1SYK100001A1206 20/400
	silver	IIS11610 PL	1SYK100001A1106 20/400


	Switch 1 way with indicator 16 A - 240 V ~ Number of modules: 1		
	white	IIS1161L BL	1SYK100001A1007 20/400
	anthracite grey	IIS1161L AN	1SYK100001A1207 20/400
	silver	IIS1161L PL	1SYK100001A1107 20/400

	Switch DP 32 A - 240 V ~ Number of modules: 2		
	white	IIS2321L BL	1SYK100001A1008 10/200
	anthracite grey	IIS2321L AN	1SYK100001A1208 10/200
	silver	IIS2321L PL	1SYK100001A1108 10/200

Product	Article-No.	Order-No.	Pack/Qty
	Push button with bell symbol 6A Number of modules: 1		
	white	IIS106B0 BL	1SYK100001A1003 20/400
	anthracite grey	IIS106B0 AN	1SYK100001A1203 20/400


	Push button with bell symbol 6A With indicator Number of modules: 1		
	white	IIS106BL BL	1SYK100001A1004 20/400
	anthracite grey	IIS106BL AN	1SYK100001A1204 20/400


	Mega push button with bell symbol 6A With indicator Number of modules: 2		
	white	IIS206BL BL	1SYK100001A1005 20/400
	anthracite grey	IIS206BL AN	1SYK100001A1205 20/400


	Card switch 1-gang, 1-way, DP Number of modules: 2		
	white	N2214.1 BL	2CLA221410N1102 1
	anthracite grey	N2214.1 AN	2CLA221410N1802 1
	silver	N2214.1 PL	2CLA221410N1302 1

IVIE

Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 Sockets - 240 V ~ 6A, 2+3 pin socket Number of modules: 2			
white	IHK20006 BL	1SYK100001A1021	10/200
anthracite grey	IHK20006 AN	1SYK100001A1221	10/200
silver	IHK20006 PL	1SYK100001A1121	10/200


 Sockets - 240 V ~ 6/13A universal socket Number of modules: 2			
white	IHK20613 BL	1SYK100001A1022	10/200
anthracite grey	IHK20613 AN	1SYK100001A1222	10/200
silver	IHK20613 PL	1SYK100001A1122	10/200


 Sockets - 240 V ~ 6/16A socket Number of modules: 2			
white	IHK20616 BL	1SYK100001A1023	10/200
anthracite grey	IHK20616 AN	1SYK100001A1223	10/200
silver	IHK20616 PL	1SYK100001A1123	10/200


Sockets - 240 V ~ 6/20A socket Number of modules: 2			
white	IHK20620 BL	1SYK100001A1024	10/200
anthracite grey	IHK20620 AN	1SYK100001A1224	10/200
silver	IHK20620 PL	1SYK100001A1124	10/200


Sockets - 240 V ~ 6/25A socket Number of modules: 2			
white	IHK20625 BL	1SYK100001A1025	10/200
anthracite grey	IHK20625 AN	1SYK100001A1225	10/200
silver	IHK20625 PL	1SYK100001A1125	10/200

 Sockets - 240 V ~ 6A 2 pin socket Number of modules: 1			
white	IHK10006 BL	1SYK100001A1026	20/400
anthracite grey	IHK10006 AN	1SYK100001A1226	20/400
silver	IHK10006 PL	1SYK100001A1126	20/400

Product	Article-No.	Order-No.	Pack/Qty
 Euro-American earthed socket outlet 240 V ~ Rated voltage: 125/250 Vac Rated current: 15/16A 2P+E/ NEMA 5-15R Number of modules: 2			
white	N2238 BL	2CLA223800N1102	10
anthracite grey	N2238 AN	2CLA223800N1802	10
silver	N2238 PL	2CLA223800N1302	10


 Euro-American unearthed socket outlet 240 V ~ Rated voltage: 125/250 V AC Rated current: 15/16A 2P (non-earthed)/NEMA 1-15R Number of modules: 1			
white	N2135 BL	2CLA213500N1102	20
anthracite grey	N2135 AN	2CLA213500N1802	20
silver	N2135 PL	2CLA213500N1302	20


 British standard socket outlet 240 V ~ Rated current: 13A 2 P+E Number of modules: 2			
white	N2237 BL	2CLA223700N1102	10
anthracite grey	N2237 AN	2CLA223700N1302	10
silver	N2237 PL	2CLA223700N1802	10


 Shaver Socket Number of modules: 2			
white	IIM2SVSK BL	1SYK100001A1057	5/100
anthracite grey	IIM2SVSK AN	1SYK100001A1257	5/100
silver	IIM2SVSK PL	1SYK100001A1157	5/100


IVIE

USB chargers

Product	Article-No.	Order-No.	Pack/Qty
 USB charger 750mA, 1-gang Number of modules: 1			
white	N2185 BL	2CLA218500N1102	1
anthracite grey	N2185 AN	2CLA218500N1802	1
silver	N2185 PL	2CLA218500N1302	1





 USB charger 2.000mA, 1-gang Number of modules: 1			
white	N2185.2 BL	2CLA218520N1102	1
anthracite grey	N2185.2 AN	2CLA218520N1802	1
silver	N2185.2 PL	2CLA218520N1302	1



 USB charger 1.500mA, 2-gang Number of modules: 2			
white	N2285 BL	2CLA228500N1102	1
anthracite grey	N2285 AN	2CLA228500N1802	1
silver	N2285 PL	2CLA228500N1302	1

Product	Article-No.	Order-No.	Pack/Qty
 Blank plates Number of modules: 1			
white	IIM1BLNK BL	1SYK100001A1041	20/400
anthracite grey	IIM1BLNK AN	1SYK100001A1241	20/400
silver	IIM1BLNK PL	1SYK100001A1141	20/400

IVIE


Dimmers


Product	Article-No.	Order-No.	Pack/Qty
 Dimmer & fan regulators Step fan regulator 5 step Number of modules: 2			
white	IIM2FR05 BL	1SYK100001A1042	5/100
anthracite grey	IIM2FR05 AN	1SYK100001A1242	5/100
silver	IIM2FR05 PL	1SYK100001A1142	5/100
Dimmer & fan regulators Step fan regulator 4 step Number of modules: 1			
white	IIM1FR04 BL	1SYK100001A1043	10/200
anthracite grey	IIM1FR04 AN	1SYK100001A1243	10/200
silver	IIM1FR04 PL	1SYK100001A1143	10/200
 Dimmer & fan regulators Dimmer 400 Watt Number of modules: 1			
white	IIM2D400 BL	1SYK100001A1045	10/200
anthracite grey	IIM1D400 AN	1SYK100001A1245	10/200
silver	IIM1D400 PL	1SYK100001A1145	10/200
 Universal rotatory/push dimmer Number of modules: 2 Rated voltage: 230 V AC Max. power: Incandescent: 500 W Halogen lamp with electronic transformer: 500 VA Halogen lamp with ferromagnetic transformer: 400 VA			
white	N2260.2 BL	2CLA226020N1102	1
anthracite grey	N2260.2 AN	2CLA226020N1802	1
silver	N2260.2 PL	2CLA226020N1302	1
 LED rotatory/push dimmer Number of modules: 2 Rated voltage: 230 V AC Nominal power: 250 W/VA Power (min./max load): LEDi: 2/100 W/VA (max. 10 lamps) Dimmable energy saving lamps: 2/100 W/VA (max. 10 lamps) LV LEDi with transformer (only type L or LC): 4/100 W/VA (max. 10 lamps) Incandescent lamps: 10/250 W/VA Halogen lamps: 10/250 W/VA LV halogen with transformer (only type L or LC): 10/250 W/VA (max. 10 lamps) 2 wire connection Optional: auxiliary on/off with 2-way switch N2X02			
white	N2260.3 BL	2CLA226030N1102	1
anthracite grey	N2260.3 AN	2CLA226030N1802	1
silver	N2260.3 PL	2CLA226030N1302	1


Product	Article-No.	Order-No.	Pack/Qty
 LED rotatory/push dimmer Number of modules: 2 Rated voltage: 127 V AC Frequency: 50/60 Hz (Nominal power: 140 W/VA) Power (min./max load): LEDi: 2/55 W/VA (max. 10 lamps) Dimmable energy saving lamps: 2/55 W/VA (max. 10 lamps) LV LEDi with transformer (only type L or LC): 4/55 W/VA (max. 10 lamps) Incandescent lamps: 10/140 W/VA Halogen lamps: 10/140 W/VA LV halogen with transformer (only type L or LC): 10/140 W/VA (max. 10 lamps)			
white	N2260.8 BL	2CLA226080N1102	1
anthracite grey	N2260.8 AN	2CLA226080N1802	1
silver	N2260.8 PL	2CLA226080N1302	1
 1-10V rotary dimmer Number of modules: 2 Rated voltage: 127 - 230 V AC / 50 - 60 Hz Max. power: 230 V AC: 700 VA, 127 V AC: 350 VA Max. 6 ballasts per device			
white	N2260.9 BL	2CLA226090N1102	1
anthracite grey	N2260.9 AN	2CLA226090N1802	1
silver	N2260.9 PL	2CLA226090N1302	1


IVIE


Data communication


Product	Article-No.	Order-No.	Pack/Qty
 2x RCA connection unit Number of modules: 1			
white	N2155.2 BL	2CLA215520N1102	1
anthracite grey	N2155.2 AN	2CLA215520N1802	1
silver	N2155.2 PL	2CLA215520N1302	1


 3x RCA connection unit Number of modules: 1			
white	N2155.3 BL	2CLA215530N1102	1
anthracite grey	N2155.3 AN	2CLA215530N1802	1
silver	N2155.3 PL	2CLA215530N1302	1


 Mini-Jack connection unit Number of modules: 1			
white	N2155.4 BL	2CLA215540N1102	1
anthracite grey	N2155.4 AN	2CLA215540N1802	1
silver	N2155.4 PL	2CLA215540N1302	1

 VGA connection unit Number of modules: 1			
white	N2155.5 BL	2CLA215550N1102	1
anthracite grey	N2155.5 AN	2CLA215550N1802	1
silver	N2155.5 PL	2CLA215550N1302	1

Product	Article-No.	Order-No.	Pack/Qty
 HDMI connection unit Number of modules: 1			
white	N2155.6 BL	2CLA215560N1102	1
anthracite grey	N2155.6 AN	2CLA215560N1802	1
silver	N2155.6 PL	2CLA215560N1302	1

 HDMI female-female connection unit Number of modules: 1			
white	N2155.7 BL	2CLA215570N1102	1
anthracite grey	N2155.7 AN	2CLA215570N1802	1
silver	N2155.7 PL	2CLA215570N1302	1

 USB connection unit Number of modules: 1			
white	N2155.8 BL	2CLA215580N1102	1
anthracite grey	N2155.8 AN	2CLA215580N1802	1
silver	N2155.8 PL	2CLA215580N1302	1

 USB female-female connection unit Number of modules: 1			
white	N2155.9 BL	2CLA215590N1102	1
anthracite grey	N2155.9 AN	2CLA215590N1802	1
silver	N2155.9 PL	2CLA215590N1302	1

IVIE

Data communication

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



Data & Voice
RJ11 Tel. jack 2 pin
Number of modules: 1

white	IIM1RJ11 BL	1SYK100001A1047	20/400
anthracite grey	IIM1RJ11 AN	1SYK100001A1247	20/400
silver	IIM1RJ11 PL	1SYK100001A1147	20/400

Data & Voice
RJ45 Jack cat 6
Number of modules: 1

white	IIM1RJ45 BL	1SYK100001A1048	20/400
anthracite grey	IIM1RJ45 AN	1SYK100001A1248	20/400
silver	IIM1RJ45 PL	1SYK100001A1148	20/400


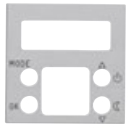


TV Socket
TV co-axial socket
Number of modules: 1







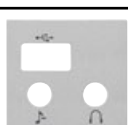

white	IIM1TVSK BL	1SYK100001A1049	20/400
anthracite grey	IIM1TVSK AN	1SYK100001A1249	20/400
silver	IIM1TVSK PL	1SYK100001A1149	20/400

IVIE

Room thermostats


Product	Article-No.	Order-No.	Pack/Qty
 Digital room thermostat Number of modules: 2 Maximum load: 3A cos = 0,5 Output relay operation modes: Hysteresis: 0.5° C Pulse-width modulation: with a ±4°C difference with the set-point temperature Variable from 100% to 0% modulation To be installed with N2240.5 cover plates			
white	8140.5	2CLA814050A1002	1
 Cover plate for digital thermostat Number of modules: 2			
white	N2240.5 BL	2CLA224050N1102	1
anthracite grey	N2240.5 AN	2CLA224050N1802	1
silver	N2240.5 PL	2CLA224050N1302	1

Multimedia





Product	Article-No.	Order-No.	Pack/Qty
 Multiroom sound module Number of modules: 1			
white	9368.1	2CLA936810A1001	1
 Remote control for multiroom sound module Number of modules: 2			
white	9368.2	2CLA936820A1001	1
 Cover plate for radio/remote control modules			
white	N2268 BL	2CLA226800N1102	1
 FM-radio and alarm module Number of modules: 2			
white	9368- FM	2CLA936800A1001	1
 Cover plate for radio/remote control modules			
white	N2268 BL	2CLA226800N1102	1
 Auxiliary module Number of modules: 2			
white	9368.3	2CLA936830A1001	1
 Cover plate for I/O + USB + Bluetooth module			
white	N2268.3 BL	2CLA226830N1102	1
 Speaker connection unit Number of modules: 2			
white	N2257.1 BL	2CLA225710N1102	1

IVIE

Movement detectors







Product	Article-No.	Order-No.	Pack/Qty
 110° motion sensor Number of modules: 2 Max. power: - Incandescent: 1.800W @230V AC/1.000W @127V AC - Halogen with electronic o ferromagnetic transformer: 750VA @230V AC/400VA @127V AC - Fluorescent lamps or motors: 400VA @230V AC/200VA @127V AC For automatic switching of devices dependent on motion and brightness With integrated selector switch for automatic ON-OFF in the front side Switch-off delay: 10 sec. to 10 min. or short-time pulse 1 sec adjustable (from the front side) Detection range: 5 m radius Adjustable light set point level for activation (from the front side) Detection angle: 110° Mounting height: 1, 2 m auxiliary control with N2X04.X push-buttons			
	white	N2241 BL	2CLA224100N1102 1
	anthracite grey	N2241 AN	2CLA224100N1802 1
	silver	N2241 PL	2CLA224100N1302 1





Buzzer / Door bell

Product	Article-No.	Order-No.	Pack/Qty
 Buzzer & door bell Buzzer Number of modules: 2			
	white	IIM2BUZR BL	1SYK100001A1054 5/100
	anthracite grey	IIM2BUZR AN	1SYK100001A1254 5/100
	silver	IIM2BUZR PL	1SYK100001A1154 5/100
 Buzzer Number of modules: 1			
	white	N2119 BL	2CLA211900N1102 1
	anthracite grey	N2119 AN	2CLA211900N1802 1
	silver	N2119 PL	2CLA211900N1302 1
 Buzzer Number of modules: 2			
	white	N2219 BL	2CLA221900N1102 1
	anthracite grey	N2219 AN	2CLA221900N1802 1
	silver	N2219 PL	2CLA221900N1302 1
 Electronic door bell 230 V AC Number of modules: 2			
	white	N2224 BL	2CLA222400N1102 1
	anthracite grey	N2224 AN	2CLA222400N1802 1
	silver	N2224 PL	2CLA222400N1302 1

IVIE

Signaling and lighting systems



Product	Article-No.	Order-No.	Pack/Qty
 Indicator Number of modules: 1			
white	IIM1INDI BL	1SYK100001A1053	20/400
anthracite grey	IIM1INDI AN	1SYK100001A1253	20/400
silver	IIM1INDI PL	1SYK100001A1153	20/400
 LED white signaling light Number of modules: 1 Lamp: white LED Luminous flux: > 2 lumen at 1 meter, white diffuser			
white	N2180 BL	2CLA218000N1102	5
 LED red signaling light Number of modules: 1 Lamp: white LED Luminous flux: > 2 lumen at 1 meter, Red diffuser			
white	N2180 RJ	2CLA218000N1602	1
 LED green signaling light Number of modules: 1 Lamp: white LED Luminous flux: > 2 lumen at 1 meter, Green diffuser			
white	N2180 VD	2CLA218000N1802	1
 LED signaling light Number of modules: 2 Lamp: white LED Luminous flux: > 2 lumen at 1 meter, White diffuser			
white	N2280 BL	2CLA228000N1102	1
 Beacon LED light Number of modules: 2 Lamp: white LED Luminous flux: > 2 lumen at 1 meter, white diffuser Autonomy: 3 hours (1 hour at maximum illumination 2 hours with lower illumination) Battery: Ni-MH (estimated lifetime: 4 years)			
white	N2281 BL	2CLA228100N1102	1

Product	Article-No.	Order-No.	Pack/Qty
 DND & MMR DND and MMR set internal & external Number of modules: 2+3			
white	IIM1DNDS BL	1SYK100001A1055	5/100
anthracite grey	IIM1DNDS AN	1SYK100001A1255	5/100
silver	IIM1DNDS PL	1SYK100001A1155	5/100
 DND/MUR 2-gang interlocked switch Number of modules: 1			
white	N2244.5 BL	2CLA224450N1102	1
anthracite grey	N2244.5 AN	2CLA224450N1802	1
silver	N2244.5 PL	2CLA224450N1302	1
 LED MUR signaling light Number of modules: 2			
white	N2180.5 BL	2CLA218050N1102	1
anthracite grey	N2180.5 AN	2CLA218050N1802	1
silver	N2180.5 PL	2CLA218050N1302	1
 LED DND signaling light Number of modules: 1			
white	N2180.4 BL	2CLA218040N1102	1
anthracite grey	N2180.4 AN	2CLA218040N1802	1
silver	N2180.4 PL	2CLA218040N1302	1




IVIE


Other products


Product	Article-No.	Order-No.	Pack/Qty
 <div>Starters Single Phase Starter 20A Number of modules: 2</div>			
white	IIM2ST20 BL	1SYK100001A1051	5/100
<div>Starters Single Phase Starter 25A Number of modules: 2</div>			
white	IIM2ST25 BL	1SYK100001A1052	5/100
 <div>Down lighter Number of modules: 3</div>			
white	IIM3DOWN BL	1SYK100001A1059	5/100
anthracite grey	IIM3DOWN AN	1SYK100001A1259	5/100
silver	IIM3DOWN PL	1SYK100001A1159	5/100

IVIE

Cover frames

Product	Article-No.	Order-No.	Pack/Qty
 Plate with frame 1M plate Number of modules: 1			
white	IIP0133 BL	1SYK100001A1071	15/360
anthracite grey	IIP0133 AN	1SYK100001A1271	15/360
silver	IIP0133 PL	1SYK100001A1171	15/360

 Plate with frame 2M plate Number of modules: 2			
white	IIP0233 BL	1SYK100001A1072	15/360
anthracite grey	IIP0233 AN	1SYK100001A1272	15/360
silver	IIP0233 PL	1SYK100001A1172	15/360

 Plate with frame 3M plate power Number of modules: 3			
white	IIPP343 BL	1SYK100001A1073	10/240
anthracite grey	IIPP343 AN	1SYK100001A1273	10/240
silver	IIPP343 PL	1SYK100001A1173	10/240


 Plate with frame 3M plate Number of modules: 3			
white	IIP0343 BL	1SYK100001A1074	10/240
anthracite grey	IIP0343 AN	1SYK100001A1274	10/240
silver	IIP0343 PL	1SYK100001A1174	10/240

Plate with frame 4M plate Number of modules: 4			
white	IIP0453 BL	1SYK100001A1075	10/190
anthracite grey	IIP0453 AN	1SYK100001A1275	10/190
silver	IIP0453 PL	1SYK100001A1175	10/190

Plate with frame 6M plate Number of modules: 6			
white	IIP0683 BL	1SYK100001A1076	5/120
anthracite grey	IIP0683 AN	1SYK100001A1276	5/120
silver	IIP0683 PL	1SYK100001A1176	5/120


 Plate with frame 8M plate Number of modules: 8			
white	IIP0893 BL	1SYK100001A1077	5/120
anthracite grey	IIP0893 AN	1SYK100001A1277	5/120
silver	IIP0893 PL	1SYK100001A1177	5/120

Plate with frame 8M plate square Number of modules: 8			
white	IIP0855 BL	1SYK100001A1078	5/95
anthracite grey	IIP0855 AN	1SYK100001A1278	5/95
silver	IIP0855 PL	1SYK100001A1178	5/95




 Plate with frame 12M plate Number of modules: 12			
white	IIP1286 BL	1SYK100001A1079	5/95
anthracite grey	IIP1286 AN	1SYK100001A1279	5/95
silver	IIP1286 PL	1SYK100001A1179	5/95


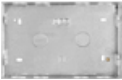
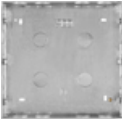
Plate with frame 18M plate Number of modules: 18			
white	IIP1888 BL	1SYK100001A1080	5/40
anthracite grey	IIP1888 AN	1SYK100001A1280	5/40
silver	IIP1888 PL	1SYK100001A1180	5/40



IVIE

Installation boxes

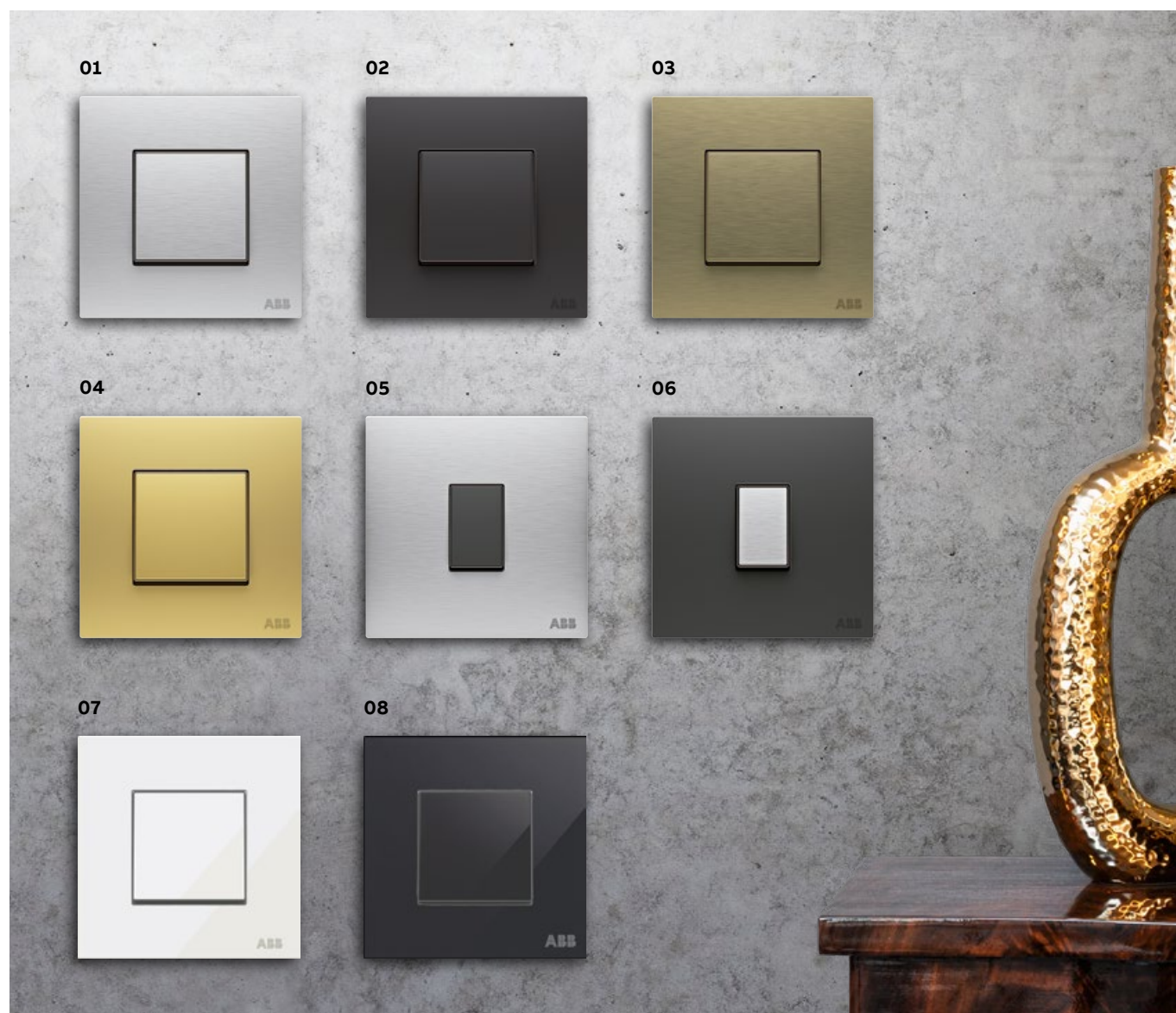
Product	Article-No.	Order-No.	Pack/Qty
	Flush boxes 1-2 M Metal Box Number of modules: 1/2		
	IAB0233W	1SYK100001A1441	24
	Flush boxes 3 M Metal Box Number of modules: 3		
	IAB0343W	1SYK100001A1442	18
	Flush boxes 4 M Metal Box Number of modules: 4		
	IAB0453W	1SYK100001A1443	18
	Flush boxes 6 M Metal Box Number of modules: 6		
	IAB0683W	1SYK100001A1444	12

Product	Article-No.	Order-No.	Pack/Qty
	Flush boxes 8 M Metal Box Number of modules: 8		
	IAB0893W	1SYK100001A1445	12
	Flush boxes 8 M Metal Box Square Number of modules: 8		
	IAB0855W	1SYK100001A1446	7
	Flush boxes 12M Metal Box Number of modules: 12		
	IAB1286W	1SYK100001A1447	5
	Flush boxes 18 M Metal Box Number of modules: 18		
	IAB1888W	1SYK100001A1448	5

Millenium

Distinct sophistication.

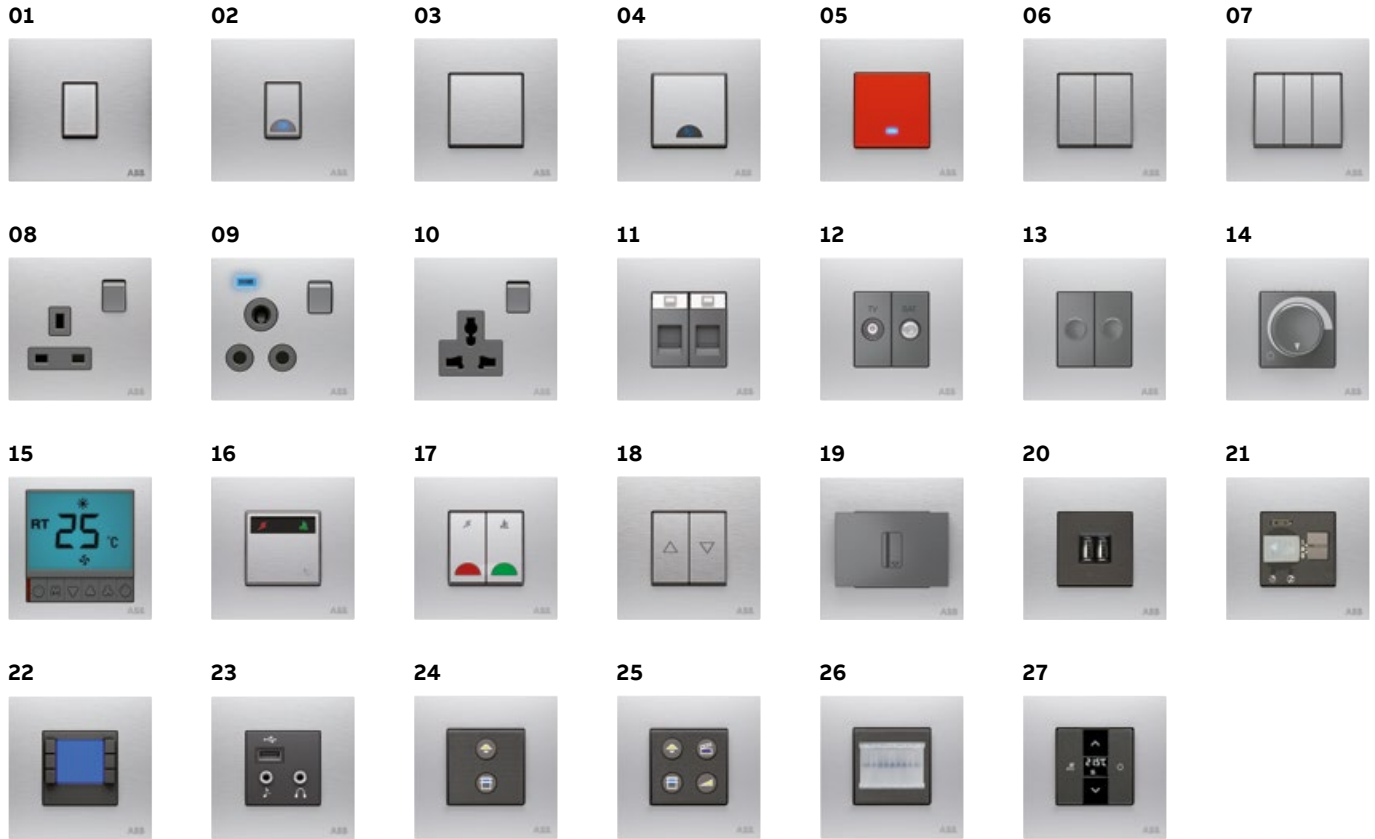
Cool. Conspicuous. Clever. Striking metal light switches in square and ultra slim designs. Millenium surprises with its complexity and functional solutions designed for any interior, any building. A wide range of KNX sensors meet the highest of customer demands. Engineered to offer maximum comfort and happiness.



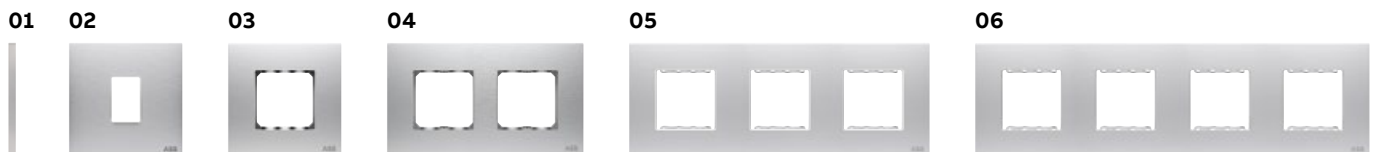
- | | |
|--------------------|--|
| 01 stainless steel | 05 stainless steel frame - silk black switch |
| 02 silk black | 06 silk black frame - stainless steel switch |
| 03 antique gold | 07 white glass frame - white glass switch |
| 04 matt gold | 08 black glass frame - black glass switch |

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.

Millenium

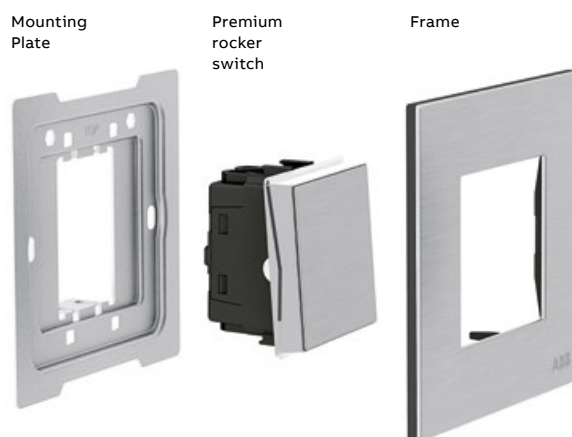
Features and benefits.

Millenium's design and functionality converts into numerous technical and installation advantages.

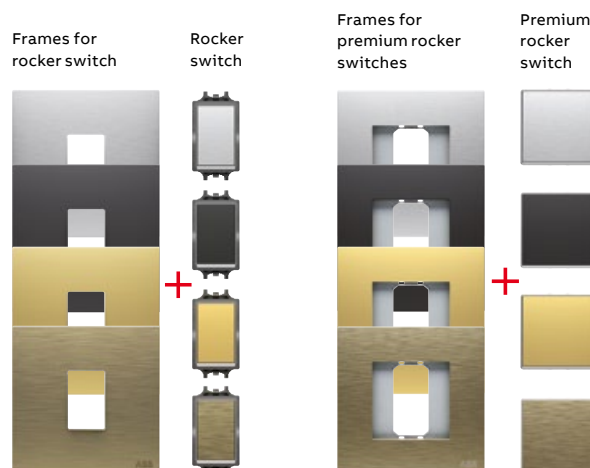


Millenium installation system

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 KNX sensors have to be composed with the required frame in order to have the right assortment of functionality and design.



- Modern and contemporary finishes made of real stainless steel.
- Slim design with only 4 mm height. Straight and square lines. Rocker with an attractive chrome profile.
- Screwless front plate.
- The design range includes KNX sensors.
- Large variety of socket outlets equipped with shutters (child protection).
- New LED signalling reduces energy consumption.
- KNX sensors included in the range.
- Easy to install, simple and adaptable. Installation on uneven walls is possible.
- 10 years ABB warranty for mechanical switches and socket outlets, 1 year ABB warranty for electronic devices.
- Environment-friendly range through optimized production and distribution process, reduction of raw material consumption, LED lamps used, recyclable packaging, ...
- Ideal collection for all types of homes, hotels, offices, shops, etc.



ESINMER led 16 ***
Add photos of Black Glass and White Glass colours (see previous comments)

Chybí obrázky.

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.



ST



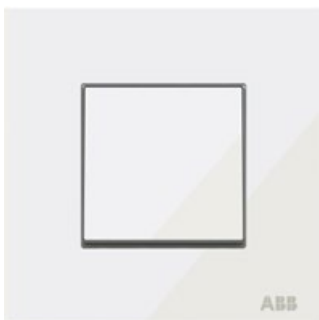
SB



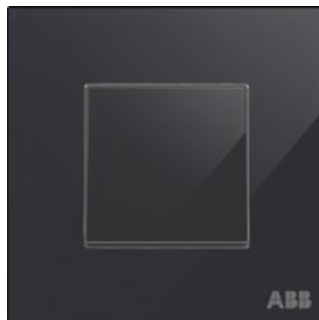
MG



AG



WG



BG








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. In addition two stylish glass finishes have been introduced to cater premium installations: White Glass and Black Glass.



ST Stainless Steel
 SB Silk Black *
 MG Matt Gold
 AG Antique Gold
 WG White Glass
 BG Black Glas

* Silk Black not suitable to installation outdoors

Millenium – Complete sets (AM)








1 Gang switches. Rocker



Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
	Stainless Steel AM10120-ST	2CLA610109N1101	1
	Switch 1-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
	Stainless Steel AM10520-ST	2CLA610209N1101	1
	Switch 1-gang, intermediate, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
	Stainless Steel AM11920-ST	2CLA611009N1101	1
	Switch 1-gang, 1-way, SP 20AX Rated voltage: 250Vac Rated current: 20AX		
	Stainless Steel AM11020-ST	2CLA610119N1101	1
	Switch 1-gang, 2-way, SP 20AX Rated voltage: 250Vac Rated current: 20AX		
	Stainless Steel AM11520-ST	2CLA610219N1101	1
	Switch 1-gang, 1-way, DP 20AX Rated voltage: 250Vac Rated current: 20AX Status indicator LED		
	Stainless Steel AM11120-ST	2CLA610139N1101	1
	Switch 1-gang, 1-way, DP water heater 20AX Rated voltage: 250Vac Rated current: 20AX Water heater indicator LED		
	Stainless Steel AM10920-ST	2CLA610149N1101	1

Product	Article-No.	Order-No.	Pack/Qty
	Push-button 1-gang, 1-way, SP 10A Rated voltage: 250Vac Rated current: 10A		
	Stainless Steel AM43020-ST	2CLA610409N1101	1
	Push-button 1-gang, 1-way, SP with bell symbol Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED		
	Stainless Steel AM42920-ST	2CLA610449N1101	1

Millenium – Complete sets (AM)

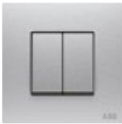

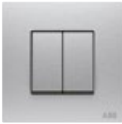
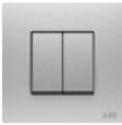
1 Gang switches. Premium rocker

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
	Stainless Steel AM10144-ST	2CLA620109N1101	1
	Switch 1-gang, 2-way, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
	Stainless Steel AM10544-ST	2CLA620209N1101	1
	Switch 1-gang, intermediate, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker		
	Stainless Steel AM11944-ST	2CLA621009N1101	1
	Switch 1-gang, 1-way, SP premium 20AX Rated voltage: 250Vac Rated current: 20AX Premium size rocker		
	Stainless Steel AM11044-ST	2CLA620119N1101	1
	Switch 1-gang, 2-way, SP premium 20AX Rated voltage: 250Vac Rated current: 20AX Premium size rocker		
	Stainless Steel AM11544-ST	2CLA620219N1101	1
	Fan isolator 3 poles 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker		
	Stainless Steel AM13444-ST	2CLA620509N1101	1
	Push-button 1-gang, 1-way, SP premium 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker		
	Stainless Steel AM43044-ST	2CLA620409N1101	1

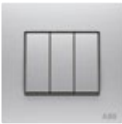
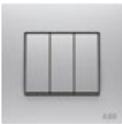
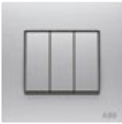


Product	Article-No.	Order-No.	Pack/Qty
	Push-button 1-gang, 1-way, SP premium w/bell symbol 10A Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED Premium size rocker		
	Stainless Steel AM42944-ST	2CLA620449N1101	1
	Switch 1-gang, 1-way, DP premium 45A Rated voltage: 250Vac Rated current: 45A Status indicator LED Premium size rocker		
	Stainless Steel AM17744-ST	2CLA620149N1101	1
Silk Black	AM17744-SB	2CLA620149N1501	1
Antique Gold	AM17744-AG	2CLA620149N1601	1
Matt Gold	AM17744-MG	2CLA620149N1701	1
White Glass	AM17744-WG	2CLA620149N3001	1
Black Glass	AM17744-BG	2CLA620149N3101	1

Millenium – Complete sets (AM)

2 Gang switches


Product	Article-No.	Order-No.	Pack/Qty
	Switch 2-gang, 1-way, SP 10AX Rated voltage: 250Vac Rated current: 2 x 10AX		
	Stainless Steel AM10244-ST	2CLA621109N1101	1
	Switch 2-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 2 x 10AX		
	Stainless Steel AM10644-ST	2CLA622209N1101	1
	Switch 2-gang, 1-way, SP 20AX Rated voltage: 250Vac Rated current: 2 x 20AX		
	Stainless Steel AM11444-ST	2CLA621119N1101	1
	Switch 2-gang, 2-way, SP 20AX Rated voltage: 250Vac Rated current: 2 x 20AX		
	Stainless Steel AM11644-ST	2CLA622219N1101	1


3 Gang switches


Product	Article-No.	Order-No.	Pack/Qty
	Switch 3-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX Total		
	Stainless Steel AM10753-ST	2CLA630209N1101	1
	Switch 3-gang, 2-way, SP 16AX Rated voltage: 250Vac Rated current: 16AX Total		
	Stainless Steel AM12153-ST	2CLA630219N1101	1
	Push-button 3-gang, 2 way, SP 10AX Rated voltage: 250Vac Rated current: 10AX Total		
	Stainless Steel AM43053-ST	2CLA630409N1101	1
4 Gang switches			
	Switch 4-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 4 x 10AX		
	Stainless Steel AM19188-ST	2CLA640209N1101	1
	Switch 4-gang, 2-way, SP 20AX Rated voltage: 250Vac Rated current: 4 x 20AX		
	Stainless Steel AM19588-ST	2CLA640219N1101	1


Millenium – Complete sets (AM)


Socket outlets


Product	Article-No.	Order-No.	Pack/Qty
 BS SP switched socket outlet 13A Rated voltage: 250Vac Rated current: 13A Single pole Dual earth with child safety shutter system			
Stainless Steel	AM23386-ST	2CLA623739N1101	1
Silk Black	AM23386-SB	2CLA623739N1501	1
Antique Gold	AM23386-AG	2CLA623739N1601	1
Matt Gold	AM23386-MG	2CLA623739N1701	1
White Glass	AM23386-WG	2CLA623739N3001	1
Black Glass	AM23386-BG	2CLA623739N3101	1


 BS DP switched socket outlet 13A Rated voltage: 250Vac Rated current: 13A Double pole Dual earth with child safety shutter system			
Stainless Steel	AM23786-ST	2CLA623719N1101	1
Silk Black	AM23786-SB	2CLA623719N1501	1
Antique Gold	AM23786-AG	2CLA623719N1601	1
Matt Gold	AM23786-MG	2CLA623719N1701	1
White Glass	AM23786-WG	2CLA623719N3001	1
Black Glass	AM23786-BG	2CLA623719N3101	1


 BS SP switched socket outlet w/LED 13A Rated voltage: 250Vac Rated current: 13A Single pole Indicator LED Dual earth with child safety shutter system			
Stainless Steel	AM23486-ST	2CLA623749N1101	1
Silk Black	AM23486-SB	2CLA623749N1501	1
Antique Gold	AM23486-AG	2CLA623749N1601	1
Matt Gold	AM23486-MG	2CLA623749N1701	1
White Glass	AM23486-WG	2CLA623749N3001	1
Black Glass	AM23486-BG	2CLA623749N3101	1

 BS DP switched socket outlet w/LED 13A Rated voltage: 250Vac Rated current: 13A Double pole Indicator LED Dual earth with child safety shutter system			
Stainless Steel	AM23886-ST	2CLA623729N1101	1
Silk Black	AM23886-SB	2CLA623729N1501	1
Antique Gold	AM23886-AG	2CLA623729N1601	1
Matt Gold	AM23886-MG	2CLA623729N1701	1
White Glass	AM23886-WG	2CLA623729N3001	1
Black Glass	AM23886-BG	2CLA623729N3101	1

Product	Article-No.	Order-No.	Pack/Qty
 BS DP switched socket outlet, 2-gang 13A Rated voltage: 250Vac Rated current: 13A Double pole Dual earth with child safety shutter system			
Stainless Steel	AM239147-ST	2CLA643719N1101	1
Silk Black	AM239147-SB	2CLA643719N1501	1
Antique Gold	AM239147-AG	2CLA643719N1601	1
Matt Gold	AM239147-MG	2CLA643719N1701	1
White Glass	AM239147-WG	2CLA643719N3001	1
Black Glass	AM239147-BG	2CLA643719N3101	1




 BS DP switched SO w/LED, 2-gang 13A Rated voltage: 250Vac Rated current: 13A Double pole Indicator LED Dual earth with child safety shutter system			
Stainless Steel	AM240147-ST	2CLA643729N1101	1
Silk Black	AM240147-SB	2CLA643729N1501	1
Antique Gold	AM240147-AG	2CLA643729N1601	1
Matt Gold	AM240147-MG	2CLA643729N1701	1
White Glass	AM240147-WG	2CLA643729N3001	1
Black Glass	AM240147-BG	2CLA643729N3101	1

 BS DP round pin switched outlet 5A Rated voltage: 250Vac Rated current: 5A Double pole Child safety shutter system			
Stainless Steel	AM22186-ST	2CLA623759N1101	1
Silk Black	AM22186-SB	2CLA623759N1501	1
Antique Gold	AM22186-AG	2CLA623759N1601	1
Matt Gold	AM22186-MG	2CLA623759N1701	1
White Glass	AM22186-WG	2CLA623759N3001	1
Black Glass	AM22186-BG	2CLA623759N3101	1





 BS DP round pin switched outlet 15A Rated voltage: 250Vac Rated current: 15A Double pole Child safety shutter system			
Stainless Steel	AM20986-ST	2CLA623769N1101	1
Silk Black	AM20986-SB	2CLA623769N1501	1
Antique Gold	AM20986-AG	2CLA623769N1601	1
Matt Gold	AM20986-MG	2CLA623769N1701	1
White Glass	AM20986-WG	2CLA623769N3001	1
Black Glass	AM20986-BG	2CLA623769N3101	1

Millenium – Complete sets (AM)

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
 BS DP round pin switched outlet w/LED 15A Rated voltage: 250Vac Rated current: 15A Double pole Indicator LED Child safety shutter system			
Stainless Steel	AM23186-ST	2CLA623779N1101	1
Silk Black	AM23186-SB	2CLA623779N1501	1
Antique Gold	AM23186-AG	2CLA623779N1601	1
Matt Gold	AM23186-MG	2CLA623779N1701	1
White Glass	AM23186-WG	2CLA623779N3001	1
Black Glass	AM23186-BG	2CLA623779N3101	1
 Universal switched socket outlet 13A Rated voltage: 250Vac Rated current: 13A Child safety shutter system			
Stainless Steel	AM29486-ST	2CLA623919N1101	1
Silk Black	AM29486-SB	2CLA623919N1501	1
Antique Gold	AM29486-AG	2CLA623919N1601	1
Matt Gold	AM29486-MG	2CLA623919N1701	1
White Glass	AM29486-WG	2CLA623919N3001	1
Black Glass	AM29486-BG	2CLA623919N3101	1
 Cooker control unit Rated voltage: 250Vac Main switch: Rated current: 45A Double pole Indicator LED Socket outlet: Rated current: 13A Child safety shutter system Indicator LED Flush wall box 45mm			
Stainless Steel	AM118147-ST	2CLA643749N1101	1
Silk Black	AM118147-SB	2CLA643749N1501	1
Antique Gold	AM118147-AG	2CLA643749N1601	1
Matt Gold	AM118147-MG	2CLA643749N1701	1
White Glass	AM118147-WG	2CLA643749N3001	1
Black Glass	AM118147-BG	2CLA643749N3101	1

Voice data & information connectors

Product	Article-No.	Order-No.	Pack/Qty
 Telephone outlet RJ11, 1-gang 4 pole UTP			
Stainless Steel	AM32144-ST	2CLA611709N1101	1
Silk Black	AM32144-SB	2CLA611709N1501	1
Antique Gold	AM32144-AG	2CLA611709N1601	1
Matt Gold	AM32144-MG	2CLA611709N1701	1
White Glass	AM32144-WG	2CLA611709N3001	1
Black Glass	AM32144-BG	2CLA611709N3101	1
 BT master telephone outlet RJ11/RJ12, 1-gang BT master 6 pole UTP			
Stainless Steel	AM30544-ST	2CLA611889N1101	1
Silk Black	AM30544-SB	2CLA611889N1501	1
Antique Gold	AM30544-AG	2CLA611889N1601	1
Matt Gold	AM30544-MG	2CLA611889N1701	1
White Glass	AM30544-WG	2CLA611889N3001	1
Black Glass	AM30544-BG	2CLA611889N3101	1
 BT secondary telephone outlet RJ11/RJ12, 1-gang BT secondary 6 pole UTP			
Stainless Steel	AM30644-ST	2CLA611899N1101	1
Silk Black	AM30644-SB	2CLA611899N1501	1
Antique Gold	AM30644-AG	2CLA611899N1601	1
Matt Gold	AM30644-MG	2CLA611899N1701	1
White Glass	AM30644-WG	2CLA611899N3001	1
Black Glass	AM30644-BG	2CLA611899N3101	1
 Computer outlet RJ45 Cat. 5E UTP, 1-gang 8 pole UTP			
Stainless Steel	AM33144-ST	2CLA611859N1101	1
Silk Black	AM33144-SB	2CLA611859N1501	1
Antique Gold	AM33144-AG	2CLA611859N1601	1
Matt Gold	AM33144-MG	2CLA611859N1701	1

Millenium – Complete sets (AM)

Voice data & information connectors

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



Computer outlet RJ45 Cat. 6 UTP, 1-gang
8 pole
UTP

Stainless Steel	AM33344-ST	2CLA611869N1101	1
Silk Black	AM33344-SB	2CLA611869N1501	1
Antique Gold	AM33344-AG	2CLA611869N1601	1
Matt Gold	AM33344-MG	2CLA611869N1701	1
White Glass	AM33344-WG	2CLA611869N3001	1
Black Glass	AM33344-BG	2CLA611869N3101	1



Computer outlet RJ45 Cat. 6A, 1-gang
8 pole
Cat 6A

Stainless Steel	AM33644-ST	2CLA611879N1101	1
Silk Black	AM33644-SB	2CLA611879N1501	1
Antique Gold	AM33644-AG	2CLA611879N1601	1
Matt Gold	AM33644-MG	2CLA611879N1701	1
White Glass	AM33644-WG	2CLA611879N3001	1
Black Glass	AM33644-BG	2CLA611879N3101	1



RJ45 single adapter
For connectors type Keystone, AMP, Brand-Rex, Openet-ICS, THT, Leviton, Krone

Stainless Steel	AM33544-ST	2CLA621819N1101	1
Silk Black	AM33544-SB	2CLA621819N1501	1
Antique Gold	AM33544-AG	2CLA621819N1601	1
Matt Gold	AM33544-MG	2CLA621819N1701	1



Computer outlet RJ45 Cat. 5E UTP, 2-gang
8 pole
UTP

Stainless Steel	AM33244-ST	2CLA621859N1101	1
Silk Black	AM33244-SB	2CLA621859N1501	1
Antique Gold	AM33244-AG	2CLA621859N1601	1
Matt Gold	AM33244-MG	2CLA621859N1701	1



Computer outlet RJ45 Cat. 6 UTP, 2-gang
8 pole
UTP

Stainless Steel	AM32944-ST	2CLA621869N1101	1
Silk Black	AM32944-SB	2CLA621869N1501	1
Antique Gold	AM32944-AG	2CLA621869N1601	1
Matt Gold	AM32944-MG	2CLA621869N1701	1
White Glass	AM32944-WG	2CLA621869N3001	1
Black Glass	AM32944-BG	2CLA621869N3101	1

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



Computer outlet RJ45 Cat. 6A, 2-gang
8 pole
Cat 6A

Stainless Steel	AM33744-ST	2CLA621879N1101	1
Silk Black	AM33744-SB	2CLA621879N1501	1
Antique Gold	AM33744-AG	2CLA621879N1601	1
Matt Gold	AM33744-MG	2CLA621879N1701	1
White Glass	AM33744-WG	2CLA621879N3001	1
Black Glass	AM33744-BG	2CLA621879N3101	1



RJ45 double adapter
For connectors type Keystone, AMP, Brand-Rex, Openet-ICS, THT, Leviton, Krone

Stainless Steel	AM33444-ST	2CLA621829N1101	1
Silk Black	AM33444-SB	2CLA621829N1501	1
Antique Gold	AM33444-AG	2CLA621829N1601	1
Matt Gold	AM33444-MG	2CLA621829N1701	1



TV outlet, 1-gang
M type isolated dead-end-feeder.

Stainless Steel	AM30144-ST	2CLA615009N1101	1
Silk Black	AM30144-SB	2CLA615009N1501	1
Antique Gold	AM30144-AG	2CLA615009N1601	1
Matt Gold	AM30144-MG	2CLA615009N1701	1
White Glass	AM30144-WG	2CLA615009N3001	1
Black Glass	AM30144-BG	2CLA615009N3101	1







TV/SAT outlet
F type isolated dead-end-feeder.



Stainless Steel	AM31344-ST	2CLA625009N1101	1
Silk Black	AM31344-SB	2CLA625009N1501	1
Antique Gold	AM31344-AG	2CLA625009N1601	1
Matt Gold	AM31344-MG	2CLA625009N1701	1
White Glass	AM31344-WG	2CLA625009N3001	1
Black Glass	AM31344-BG	2CLA625009N3101	1

Millenium – Complete sets (AM)

Voice data & information connectors



Product	Article-No.	Order-No.	Pack/Qty
 SAT outlet F type isolated dead-end-feeder.			
Stainless Steel	AM30344-ST	2CLA615109N1101	1
Silk Black	AM30344-SB	2CLA615109N1501	1
Antique Gold	AM30344-AG	2CLA615109N1601	1
Matt Gold	AM30344-MG	2CLA615109N1701	1
White Glass	AM30344-WG	2CLA615109N3001	1
Black Glass	AM30344-BG	2CLA615109N3101	1
 SAT twin outlet F type F type isolated dead-end-feeder.			
Stainless Steel	AM32344-ST	2CLA625109N1101	1
Silk Black	AM32344-SB	2CLA625109N1501	1
Antique Gold	AM32344-AG	2CLA625109N1601	1
Matt Gold	AM32344-MG	2CLA625109N1701	1
White Glass	AM32344-WG	2CLA625109N3001	1
Black Glass	AM32344-BG	2CLA625109N3101	1
 SAT twin outlet F type 2 terminals			
Stainless Steel	AM34144-ST	2CLA622919N1101	1
Silk Black	AM34144-SB	2CLA622919N1501	1
Antique Gold	AM34144-AG	2CLA622919N1601	1
Matt Gold	AM34144-MG	2CLA622919N1701	1
 Flex outlet 20A Rated current: 20A			
Stainless Steel	AM55044-ST	2CLA620729N1101	1
Silk Black	AM55044-SB	2CLA620729N1501	1
Antique Gold	AM55044-AG	2CLA620729N1601	1
Matt Gold	AM55044-MG	2CLA620729N1701	1
White Glass	AM55044-WG	2CLA620729N3001	1
Black Glass	AM55044-BG	2CLA620729N3101	1

Dimmers






Product	Article-No.	Order-No.	Pack/Qty
 Double rotary dimmer, 2x1-gang Rated voltage: 230V~ +/-10 50 Hz. Min. power: 20W / VA. Max. power: - Incandescent lamps: 250 W. - Halogen lamps with ferromagnetic transformers: 150 VA. Operating temperature: 0° C to +30° C. For special ambient temperature read the recommendations in the user's manual.			
Stainless Steel	AM41244-ST	2CLA616039N1101	1
Silk Black	AM41244-SB	2CLA616039N1501	1
Antique Gold	AM41244-AG	2CLA616039N1601	1
Matt Gold	AM41244-MG	2CLA616039N1701	1
White Glass	AM41244-WG	2CLA616039N3001	1
Black Glass	AM41244-BG	2CLA616039N3101	1
 Rotary dimmer Rated voltage: 250V~ +/-10 50 Hz. Min. power: 40W / VA. Max. power: - Incandescent lamps: 400W. - Halogen lamps with ferromagnetic transformers: 300 VA. Operating temperature: 0° C to +30° C.			
Stainless Steel	AM41344-ST	2CLA626039N1101	1
Silk Black	AM41344-SB	2CLA626039N1501	1
Antique Gold	AM41344-AG	2CLA626039N1601	1
Matt Gold	AM41344-MG	2CLA626039N1701	1
White Glass	AM41344-WG	2CLA626039N3001	1
Black Glass	AM41344-BG	2CLA626039N3101	1

Millenium – Complete sets (AM)

Thermostats


Product	Article-No.	Order-No.	Pack/Qty
 Thermostat 2 pipe w/blue display Rated voltage: 250Vac Rated power: 200W Sensor: NTC Temperature setting: 5° C - 35° C Temp adjustment: +/- 1° C Depth: 25,5 mm.			
Stainless Steel	AM41786-ST	2CLA624059N1101	1
Silk Black	AM41786-SB	2CLA624059N1501	1
Antique Gold	AM41786-AG	2CLA624059N1601	1
Matt Gold	AM41786-MG	2CLA624059N1701	1
White Glass	AM41786-WG	2CLA624059N3001	1
Black Glass	AM41786-BG	2CLA624059N3101	1
 Thermostat 4 pipe w/blue display Rated voltage: 250Vac Rated power: 200W Sensor: NTC Temperature setting: 5° C - 35° C Temp adjustment: +/- 1° C Depth: 25,5 mm.			
Stainless Steel	AM42086-ST	2CLA624069N1101	1
Silk Black	AM42086-SB	2CLA624069N1501	1
Antique Gold	AM42086-AG	2CLA624069N1601	1
Matt Gold	AM42086-MG	2CLA624069N1701	1
White Glass	AM42086-WG	2CLA624069N3001	1
Black Glass	AM42086-BG	2CLA624069N3101	1


Hotel equipment

Product	Article-No.	Order-No.	Pack/Qty
 Push button, DND/MUR with bell symbol 10A Rated voltage: 250Vac Rated current: 10A Red LED: "Do Not Disturb" Green LED: "Make Up Room" Premium size rocker			
Stainless Steel	AM40344-ST	2CLA621589N1101	1
 Switch 2-gang, DND/MUR 10AX Rated voltage: 250Vac Rated current: 10AX Red LED: "Do Not Disturb" Green LED: "Make Up Room" LED signaling			
Stainless Steel	AM40444-ST	2CLA621509N1101	1
 Switch blind control Rated voltage: 250Vac Rated current: 16AX Output: 2 normally open contact Multi-way input terminal (up/down)			
Stainless Steel	AM11844-ST	2CLA624419N1101	1
 Card switch 16AX Rated voltage: 250Vac Rated current: 16AX Includes indication LED			
Stainless Steel	AM40244-ST	2CLA621419N1101	1
Silk Black	AM40244-SB	2CLA621419N1501	1
Antique Gold	AM40244-AG	2CLA621419N1601	1
Matt Gold	AM40244-MG	2CLA621419N1701	1
White Glass	AM40244-WG	2CLA621419N3001	1
Black Glass	AM40244-BG	2CLA621419N3101	1
 Electronic card switch 16AX Rated voltage: 250Vac Rated current: 16AX Includes indication LED Time relay : 5-90 sec. Cards up to 54 mm width.			
Stainless Steel	AM40544-ST	2CLA621459N1101	1
Silk Black	AM40544-SB	2CLA621459N1501	1
Antique Gold	AM40544-AG	2CLA621459N1601	1
Matt Gold	AM40544-MG	2CLA621459N1701	1
White Glass	AM40544-WG	2CLA621459N3001	1
Black Glass	AM40544-BG	2CLA621459N3101	1


Millenium – Complete sets (AM)


Hotel equipment

Product	Article-No.	Order-No.	Pack/Qty
	Spare Led for card switches Rated voltage: 250Vac Rated current: 0.7mA Frontal replacement.		
	AM50093-BL	2CLA619309N1001	1


	Shaver socket outlet Rated voltage: 20VA / 230Vac Outputs: 115V and 230V Dimensions: 150x90x54mm Flush wall box not included (45mm depth minimum)		
Stainless Steel	AM40188-ST	2CLA680309N1101	1
Silk Black	AM40188-SB	2CLA680309N1501	1
Antique Gold	AM40188-AG	2CLA680309N1601	1
Matt Gold	AM40188-MG	2CLA680309N1701	1
White Glass	AM40188-WG	2CLA680309N3001	1
Black Glass	AM40188-BG	2CLA680309N3101	1

Various


	Blank plate Premium size		
Stainless Steel	AM50444-ST	2CLA620009N1101	1
Silk Black	AM50444-SB	2CLA620009N1501	1
Antique Gold	AM50444-AG	2CLA620009N1601	1
Matt Gold	AM50444-MG	2CLA620009N1701	1
White Glass	AM50444-WG	2CLA620009N3001	1
Black Glass	AM50444-BG	2CLA620009N3101	1

	Fuse connection unit w/flex outlet 13A Rated voltage: 230Vac Rated current: 13A Fuse size: Ø6.3x25mm Fuse breaking capacity: 6kA 264V~ 50Hz Fuse according to BS1362		
Stainless Steel	AM50653-ST	2CLA630809N1101	1
Silk Black	AM50653-SB	2CLA630809N1501	1
Antique Gold	AM50653-AG	2CLA630809N1601	1
Matt Gold	AM50653-MG	2CLA630809N1701	1
White Glass	AM50653-WG	2CLA630809N3001	1
Black Glass	AM50653-BG	2CLA630809N3101	1

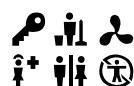
Various

Product	Article-No.	Order-No.	Pack/Qty
	Fuse connection unit w/flex outlet w/LED 13A Rated voltage: 230Vac Rated current: 13A Fuse size: Ø6.3x25mm Fuse breaking capacity: 6kA 264V~ 50Hz Fuse according to BS1362 Status indicator LED		

Stainless Steel	AM50853-ST	2CLA630859N1101	1
Silk Black	AM50853-SB	2CLA630859N1501	1
Antique Gold	AM50853-AG	2CLA630859N1601	1
Matt Gold	AM50853-MG	2CLA630859N1701	1
White Glass	AM50853-WG	2CLA630859N3001	1
Black Glass	AM50853-BG	2CLA630859N3101	1

	Switched fuse connection unit w/flex outlet w/LED 13A Rated voltage: 230Vac Rated current: 13A Fuse size: Ø6.3x25mm Fuse breaking capacity: 6kA 264V~ 50Hz Fuse according to BS1362 Status indicator LED		

Stainless Steel	AM50753-ST	2CLA630829N1101	1
Silk Black	AM50753-SB	2CLA630829N1501	1
Antique Gold	AM50753-AG	2CLA630829N1601	1
Matt Gold	AM50753-MG	2CLA630829N1701	1
White Glass	AM50753-WG	2CLA630829N3001	1
Black Glass	AM50753-BG	2CLA630829N3101	1





For use with:
 AM11120-XX, AMD11120-XX,
 AM18120-XX, AMD18120-XX, AM42920-XX,
 AMD42920-XX, AM18144-XX, AMD18144-XX,
 AM42944-XX and AMD42944-XX.


Key symbol	AM50100-CH	2CLA600100N1101	1
Fan symbol	AM50200-CH	2CLA600100N1201	1
Wc symbol	AM50300-CH	2CLA600100N1301	1
Room service symbol	AM50400-CH	2CLA600100N1401	1
Nurse symbol	AM50500-CH	2CLA600100N1501	1
Stop symbol	AM50600-CH	2CLA600100N1601	1


Millenium - Grid system for combination (AMD)


Rocker switch


Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 1-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
	Stainless Steel	AMD10120-ST	2CLA610100N1101 10
	Silk Black	AMD10120-SB	2CLA610100N1501 10
	Antique Gold	AMD10120-AG	2CLA610100N1601 10
	Matt Gold	AMD10120-MG	2CLA610100N1701 10
	White Glass	AMD10120-WG	2CLA610100N3001 10
	Black Glass	AMD10120-BG	2CLA610100N3101 10


	Switch 1-gang, 2-way, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
	Stainless Steel	AMD10520-ST	2CLA610200N1101 10
	Silk Black	AMD10520-SB	2CLA610200N1501 10
	Antique Gold	AMD10520-AG	2CLA610200N1601 10
	Matt Gold	AMD10520-MG	2CLA610200N1701 10
	White Glass	AMD10520-WG	2CLA610200N3001 5
	Black Glass	AMD10520-BG	2CLA610200N3101 5


	Switch 1-gang, intermediate, SP 10AX Rated voltage: 250Vac Rated current: 10AX		
	Stainless Steel	AMD11920-ST	2CLA611000N1101 10
	Silk Black	AMD11920-SB	2CLA611000N1501 10
	Antique Gold	AMD11920-AG	2CLA611000N1601 10
	Matt Gold	AMD11920-MG	2CLA611000N1701 10
	White Glass	AMD11920-WG	2CLA611000N3001 5
	Black Glass	AMD11920-BG	2CLA611000N3101 5

	Switch 1-gang, 1-way, SP 20AX Rated voltage: 250Vac Rated current: 20AX		
	Stainless Steel	AMD11020-ST	2CLA610110N1101 10
	Silk Black	AMD11020-SB	2CLA610110N1501 10
	Antique Gold	AMD11020-AG	2CLA610110N1601 10
	Matt Gold	AMD11020-MG	2CLA610110N1701 10
	White Glass	AMD11920-WG	2CLA610110N3001 10
	Black Glass	AMD11920-BG	2CLA610110N3101 10

Product	Article-No.	Order-No.	Pack/Qty
	Switch 1-gang, 2-way, SP 20AX Rated voltage: 250Vac Rated current: 20AX		
	Stainless Steel	AMD11520-ST	2CLA610210N1101 10
	Silk Black	AMD11520-SB	2CLA610210N1501 10
	Antique Gold	AMD11520-AG	2CLA610210N1601 10
	Matt Gold	AMD11520-MG	2CLA610210N1701 10
	White Glass	AMD11520-WG	2CLA610210N3001 5
	Black Glass	AMD11520-BG	2CLA610210N3101 5


	Switch 1-gang, 1-way, DP 20AX Rated voltage: 250Vac Rated current: 20AX Status indicator LED		
	Stainless Steel	AMD11120-ST	2CLA610130N1101 10
	Silk Black	AMD11120-SB	2CLA610130N1501 10
	Antique Gold	AMD11120-AG	2CLA610130N1601 10
	Matt Gold	AMD11120-MG	2CLA610130N1701 10
	White Glass	AMD11120-WG	2CLA610130N3001 5
	Black Glass	AMD11120-BG	2CLA610130N3101 5

	Switch 1-gang, 1-way, DP water heater 20AX Rated voltage: 250Vac Rated current: 20AX Water heater indicator LED		
	Stainless Steel	AMD10920-ST	2CLA610140N1101 10
	Silk Black	AMD10920-SB	2CLA610140N1501 10
	Antique Gold	AMD10920-AG	2CLA610140N1601 10
	Matt Gold	AMD10920-MG	2CLA610140N1701 10
	White Glass	AMD10920-WG	2CLA610140N3001 5
	Black Glass	AMD10920-BG	2CLA610140N3101 5


	Push-button 1-gang, 1-way, SP 10A Rated voltage: 250Vac Rated current: 10A		
	Stainless Steel	AMD43020-ST	2CLA610400N1101 10
	Silk Black	AMD43020-SB	2CLA610400N1501 10
	Antique Gold	AMD43020-AG	2CLA610400N1601 10
	Matt Gold	AMD43020-MG	2CLA610400N1701 10
	White Glass	AMD43020-WG	2CLA610400N3001 5
	Black Glass	AMD43020-BG	2CLA610400N3101 5

Millenium - Grid system for combination (AMD)


Rocker switch


Product	Article-No.	Order-No.	Pack/Qty
 Push-button 1-gang, 1-way, SP with bell symbol 10A Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED			
Stainless Steel	AMD42920-ST	2CLA610440N1101	10
Silk Black	AMD42920-SB	2CLA610440N1501	10
Antique Gold	AMD42920-AG	2CLA610440N1601	10
Matt Gold	AMD42920-MG	2CLA610440N1701	10
White Glass	AMD42920-WG	2CLA610440N3001	5
Black Glass	AMD42920-BG	2CLA610440N3101	5


Rocker switch frames


 Rocker switch frame 1-gang Includes metal mounting frame Dimensions 86x86 mm.			
Stainless Steel	AMD5120-ST	2CLA617100N1101	10
Silk Black	AMD5120-SB	2CLA617100N1501	10
Antique Gold	AMD5120-AG	2CLA617100N1601	10
Matt Gold	AMD5120-MG	2CLA617100N1701	10
White Glass	AMD5120-WG	2CLA617100N3001	4
Black Glass	AMD5120-BG	2CLA617100N3101	4

Premium rocker switch

Product	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, 1-way, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker			
Stainless Steel	AMD10144-ST	2CLA620100N1101	10
Silk Black	AMD10144-SB	2CLA620100N1501	10
Antique Gold	AMD10144-AG	2CLA620100N1601	10
Matt Gold	AMD10144-MG	2CLA620100N1701	10
White Glass	AMD10144-WG	2CLA620100N3001	5
Black Glass	AMD10144-BG	2CLA620100N3101	5


 Switch 1-gang, 2-way, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker			
Stainless Steel	AMD10544-ST	2CLA620200N1101	10
Silk Black	AMD10544-SB	2CLA620200N1501	10
Antique Gold	AMD10544-AG	2CLA620200N1601	10
Matt Gold	AMD10544-MG	2CLA620200N1701	10
White Glass	AMD10544-WG	2CLA620200N3001	5
Black Glass	AMD10544-BG	2CLA620200N3101	5


 Switch 1-gang, intermediate, SP premium 10AX Rated voltage: 250Vac Rated current: 10AX Premium size rocker			
Stainless Steel	AMD11944-ST	2CLA621000N1101	10
Silk Black	AMD11944-SB	2CLA621000N1501	10
Antique Gold	AMD11944-AG	2CLA621000N1601	10
Matt Gold	AMD11944-MG	2CLA621000N1701	10
White Glass	AMD11944-WG	2CLA621000N3001	5
Black Glass	AMD11944-BG	2CLA621000N3101	5


 Switch 1-gang, 1-way, SP premium 20AX Rated voltage: 250Vac Rated current: 20AX Premium size rocker			
Stainless Steel	AMD11044-ST	2CLA620110N1101	10
Silk Black	AMD11044-SB	2CLA620110N1501	10
Antique Gold	AMD11044-AG	2CLA620110N1601	10
Matt Gold	AMD11044-MG	2CLA620110N1701	10
White Glass	AMD11044-WG	2CLA620110N3001	5
Black Glass	AMD11044-BG	2CLA620110N3101	5

Millenium - Grid system for combination (AMD)


Premium rocker switch


Product	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, 2-way, SP premium 20AX Rated voltage: 250Vac Rated current: 20AX Premium size rocker			
Stainless Steel	AMD11544-ST	2CLA620210N1101	10
Silk Black	AMD11544-SB	2CLA620210N1501	10
Antique Gold	AMD11544-AG	2CLA620210N1601	10
Matt Gold	AMD11544-MG	2CLA620210N1701	10
White Glass	AMD11544-WG	2CLA620210N3001	5
Black Glass	AMD11544-BG	2CLA620210N3101	5


 Push-button 1-gang, 1-way, SP premium 10A Rated voltage: 250Vac Rated current: 10A Premium size rocker			
Stainless Steel	AMD43044-ST	2CLA620400N1101	10
Silk Black	AMD43044-SB	2CLA620400N1501	10
Antique Gold	AMD43044-AG	2CLA620400N1601	10
Matt Gold	AMD43044-MG	2CLA620400N1701	10
White Glass	AMD43044-WG	2CLA620400N3001	5
Black Glass	AMD43044-BG	2CLA620400N3101	5


 Push-button 1-gang, 1-way, SP premium w/bell symbol 10A Rated voltage: 250Vac Rated current: 10A Bell symbol indicator LED Premium size rocker			
Stainless Steel	AMD42944-ST	2CLA620440N1101	10
Silk Black	AMD42944-SB	2CLA620440N1501	10
Antique Gold	AMD42944-AG	2CLA620440N1601	10
Matt Gold	AMD42944-MG	2CLA620440N1701	10
White Glass	AMD42944-WG	2CLA620440N3001	5
Black Glass	AMD42944-BG	2CLA620440N3101	5

Premium rocker frames

Product	Article-No.	Order-No.	Pack/Qty
 Premium rocker switch frame 1-gang Includes metal mounting frame Dimensions 86x86 mm.			
Stainless Steel	AMD5044-ST	2CLA617110N1101	10
Silk Black	AMD5044-SB	2CLA617110N1501	10
Antique Gold	AMD5044-AG	2CLA617110N1601	10
Matt Gold	AMD5044-MG	2CLA617110N1701	10
White Glass	AMD5044-WG	2CLA617110N3001	4
Black Glass	AMD5044-BG	2CLA617110N3101	4


 Premium/double rocker switch frame 2-gang Includes metal mounting frame Dimensions 86x147 mm.			
Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5


 Premium/half/double rocker switch frame 3-gang Includes metal mounting frame Dimensions 86x228 mm.			
Stainless Steel	AMD5344-ST	2CLA667310N1101	10
Silk Black	AMD5344-SB	2CLA667310N1501	10
Antique Gold	AMD5344-AG	2CLA667310N1601	10
Matt Gold	AMD5344-MG	2CLA667310N1701	10
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2


 Premium/half/double rocker switch frame 4-gang Includes metal mounting frame Dimensions 86x293 mm.			
Stainless Steel	AMD5444-ST	2CLA687410N1101	10
Silk Black	AMD5444-SB	2CLA687410N1501	10
Antique Gold	AMD5444-AG	2CLA687410N1601	10
Matt Gold	AMD5444-MG	2CLA687410N1701	10
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2


Millenium - Grid system for combination (AMD)


Half/double rocker switches


Product	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, 1-way, half rocker 10AX Rated voltage: 250Vac Rated current: 10AX Half rocker size			
Stainless Steel	AMD10222-ST	2CLA680100N1101	10
Silk Black	AMD10222-SB	2CLA680100N1501	10
Antique Gold	AMD10222-AG	2CLA680100N1601	10
Matt Gold	AMD10222-MG	2CLA680100N1701	10
White Glass	AMD10222-WG	2CLA680100N3001	5
Black Glass	AMD10222-BG	2CLA680100N3101	5


 Switch 1-gang, 2-way, half rocker 10AX Rated voltage: 250Vac Rated current: 10AX Half rocker size			
Stainless Steel	AMD10622-ST	2CLA680200N1101	10
Silk Black	AMD10622-SB	2CLA680200N1501	10
Antique Gold	AMD10622-AG	2CLA680200N1601	10
Matt Gold	AMD10622-MG	2CLA680200N1701	10
White Glass	AMD10622-WG	2CLA680200N3001	5
Black Glass	AMD10622-BG	2CLA680200N3101	5


 Switch 1-gang, intermediate, half rocker 10AX Rated voltage: 250Vac Rated current: 10AX Half rocker size			
Stainless Steel	AMD12922-ST	2CLA681000N1101	10
Silk Black	AMD12922-SB	2CLA681000N1501	10
Antique Gold	AMD12922-AG	2CLA681000N1601	10
Matt Gold	AMD12922-MG	2CLA681000N1701	10
White Glass	AMD12922-WG	2CLA681000N3001	5
Black Glass	AMD12922-BG	2CLA681000N3101	5

 Push button 1-gang, 1-way, half rocker 10A Rated voltage: 250Vac Rated current: 10A Half rocker size			
Stainless Steel	AMD43222-ST	2CLA680400N1101	10
Silk Black	AMD43222-SB	2CLA680400N1501	10
Antique Gold	AMD43222-AG	2CLA680400N1601	10
Matt Gold	AMD43222-MG	2CLA680400N1701	10
White Glass	AMD43222-WG	2CLA680400N3001	5
Black Glass	AMD43222-BG	2CLA680400N3101	5

Product	Article-No.	Order-No.	Pack/Qty
 Switch 1-gang, 1-way, half rocker 20AX Rated voltage: 250Vac Rated current: 20AX Half rocker size			
Stainless Steel	AMD11422-ST	2CLA680110N1101	10
Silk Black	AMD11422-SB	2CLA680110N1501	10
Antique Gold	AMD11422-AG	2CLA680110N1601	10
Matt Gold	AMD11422-MG	2CLA680110N1701	10
White Glass	AMD11422-WG	2CLA680110N3001	5
Black Glass	AMD11422-BG	2CLA680110N3101	5


 Switch 1-gang, 2-way, half rocker 20AX Rated voltage: 250Vac Rated current: 20AX Half rocker size			
Stainless Steel	AMD11622-ST	2CLA680210N1101	10
Silk Black	AMD11622-SB	2CLA680210N1501	10
Antique Gold	AMD11622-AG	2CLA680210N1601	10
Matt Gold	AMD11622-MG	2CLA680210N1701	10
White Glass	AMD11622-WG	2CLA680210N3001	5
Black Glass	AMD11622-BG	2CLA680210N3101	5


 Switch blind control Rated voltage: 250Vac Rated power: 16AX Output: 2 normally open contact Multi-way input terminal (up/down)			
Stainless Steel	AMD11844-ST	2CLA624410N1101	10
Silk Black	AMD11844-SB	2CLA624410N1501	10
Antique Gold	AMD11844-AG	2CLA624410N1601	10
Matt Gold	AMD11844-MG	2CLA624410N1701	10
White Glass	AMD11844-WG	2CLA624410N3001	5
Black Glass	AMD11844-BG	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	AMD40344-ST	2CLA621580N1101	5
Silk Black	AMD40344-SB	2CLA621580N1501	5
Antique Gold	AMD40344-AG	2CLA621580N1601	5
Matt Gold	AMD40344-MG	2CLA621580N1701	5
White Glass	AMD40344-WG	2CLA621580N3001	5
Black Glass	AMD40344-BG	2CLA621580N3101	5


Millenium - Grid system for combination (AMD)


Half/double rocker switches

Product	Article-No.	Order-No.	Pack/Qty
 Switch 2-gang, DND/MUR 10AX Rated voltage: 250Vac Rated power: 10AX Do Not Disturb Make Up my Room LED signalling			
Stainless Steel	AMD40444-ST	2CLA621500N1101	5
Silk Black	AMD40444-SB	2CLA621500N1501	5
Antique Gold	AMD40444-AG	2CLA621500N1601	5
Matt Gold	AMD40444-MG	2CLA621500N1701	5
White Glass	AMD40444-WG	2CLA621500N3001	5
Black Glass	AMD40444-BG	2CLA621500N3101	5


 Fan isolator 3 poles double 10A Rated voltage: 250Vac Rated power: 10A 3 poles			
Stainless Steel	AMD13444-ST	2CLA620500N1101	10
Silk Black	AMD13444-SB	2CLA620500N1501	10
Antique Gold	AMD13444-AG	2CLA620500N1601	10
Matt Gold	AMD13444-MG	2CLA620500N1701	10
White Glass	AMD13444-WG	2CLA620500N3001	5
Black Glass	AMD13444-BG	2CLA620500N3101	5


Half/double rocker & other functions frames

 Half/double rocker & other functions frame 1-gang Includes metal mounting frame Dimensions 86x86 mm.			
Stainless Steel	AMD5144-ST	2CLA627100N1101	10
Silk Black	AMD5144-SB	2CLA627100N1501	10
Antique Gold	AMD5144-AG	2CLA627100N1601	10
Matt Gold	AMD5144-MG	2CLA627100N1701	10
White Glass	AMD5144-WG	2CLA627100N3001	10
Black Glass	AMD5144-BG	2CLA627100N3101	10


 Premium/half/double rocker switch frame 2-gang Includes metal mounting frame Dimensions 86x147 mm.			
Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5


Half/double rocker & other functions frames

 Premium/half/double rocker switch frame 3-gang Includes metal mounting frame Dimensions 86x228 mm.			
Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5
Matt Gold	AMD5344-MG	2CLA667310N1701	5
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2

 Premium/half/double rocker switch frame 4-gang Includes metal mounting frame Dimensions 86x293 mm.			
Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2


Triple rocker switch

 Switch 3-gang, 2-way, triple rocker 10AX Rated voltage: 250Vac Rated power: 10AX Total			
Stainless Steel	AMD10753-ST	2CLA630200N1101	10
Silk Black	AMD10753-SB	2CLA630200N1501	10
Antique Gold	AMD10753-AG	2CLA630200N1601	10
Matt Gold	AMD10753-MG	2CLA630200N1701	10
White Glass	AMD10753-WG	2CLA630200N3001	5
Black Glass	AMD10753-BG	2CLA630200N3101	5

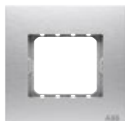
 Switch 3-gang, 2-way, triple rocker 16AX Rated voltage: 250Vac Rated power: 16AX Total			
Stainless Steel	AMD12153-ST	2CLA630210N1101	10
Silk Black	AMD12153-SB	2CLA630210N1501	10
Antique Gold	AMD12153-AG	2CLA630210N1601	10
Matt Gold	AMD12153-MG	2CLA630210N1701	10
White Glass	AMD12153-WG	2CLA630210N3001	5
Black Glass	AMD12153-BG	2CLA630210N3101	5


Millenium - Grid system for combination (AMD)

Triple rocker switch


Product	Article-No.	Order-No.	Pack/Qty
 Push button 3-gang, 2-way, triple rocker 10AX Rated voltage: 250Vac Rated power: 10AX Total			
Stainless Steel	AMD43053-ST	2CLA630400N1101	10
Silk Black	AMD43053-SB	2CLA630400N1501	10
Antique Gold	AMD43053-AG	2CLA630400N1601	10
Matt Gold	AMD43053-MG	2CLA630400N1701	10
White Glass	AMD43053-WG	2CLA630400N3001	5
Black Glass	AMD43053-BG	2CLA630400N3101	5

Triple rocker & KNX sensor frames


 Triple rocker switch/KNX sensors frame 1-gang Includes metal mounting frame Dimensions 86x86 mm.			
Stainless Steel	AMD5153-ST	2CLA637100N1101	10
Silk Black	AMD5153-SB	2CLA637100N1501	10
Antique Gold	AMD5153-AG	2CLA637100N1601	10
Matt Gold	AMD5153-MG	2CLA637100N1701	10
White Glass	AMD5153-WG	2CLA637100N3001	10
Black Glass	AMD5153-BG	2CLA637100N3101	10


 Triple rocker switch/KNX sensors frame 2-gang Includes metal mounting frame Dimensions 86x147 mm.			
Stainless Steel	AMD5253-ST	2CLA667200N1101	10
Silk Black	AMD5253-SB	2CLA667200N1501	10
Antique Gold	AMD5253-AG	2CLA667200N1601	10
Matt Gold	AMD5253-MG	2CLA667200N1701	10
White Glass	AMD5253-WG	2CLA667200N3001	5
Black Glass	AMD5253-BG	2CLA667200N3101	5

Socket outlet

Product	Article-No.	Order-No.	Pack/Qty
 Universal socket outlet Rated voltage/current: 230Vac/13A, 127Vac/15A Child protection Combination with frames AMD5144-XX & AMD5244-XX			
Anthracite	AMD39144-AN	2CLA623900N1801	1
White	AMD39144-WP	2CLA623900N2001	1







USB charger








 USB charger 2A, 1-gang - 1M Input voltage: 110-230V AC $\pm 10\%$; 50/60 Hz Input current: $<0.2A$ AC at maximum load Consumption in standby: <10 mW at 230 VAC, without load Nominal output voltage: 5 VDC $\pm 5\%$ Output current per plug: 2000mA at 5 V DC Operating temperature: 0°C to 45°C Energy efficiency: $> 79\%$ Overload protection and auto-restart Combination with frames: AMD5144-XX & AMD5244-XX			
Anthracite	AMD85222-AN	2CLA618520N1801	1
White	AMD85222-WP	2CLA618520N2001	1

 USB charger 1.500mA, 2-gang - 2M "Input voltage: 100 - 240 Vac $\pm 10\%$; 50/60 Hz. Input current: 0,20 A (with maximum load). Output voltage: 5 Vdc $\pm 5\%$. Output current: 1.500 mA (total for both gangs). Power consumption in stand-by: $\leq 0,3W@230Vac$. Energy efficiency: $\geq 71\%$. Operating temperature: 0°C to 35°C. Combination with frames: AMD5144-XX & AMD5244-XX			
Anthracite	AMD85144-AN	2CLA628500N1801	1
White	AMD85144-WP	2CLA628500N2001	1

Millenium - Grid system for combination (AMD)


Voice data & information connectors


Product	Article-No.	Order-No.	Pack/Qty
	Data outlet RJ45 Cat 6 UTP 1-gang - 1M 8 pole UTP Combination with frames: AMD5144-XX & AMD5244-XX		
Anthracite	AMD33322-AN	2CLA611860N1801	10
White	AMD33322-WP	2CLA611860N2001	10
	Data outlet RJ45 Cat 6A UTP 1-gang - 1M 8 pole UTP Combination with frames: AMD5144-XX & AMD5244-XX		
Anthracite	AMD33422-AN	2CLA611870N1801	10
White	AMD33422-WP	2CLA611870N2001	10
	TV/SAT terminal outlet F type - 1M F type isolated dead-end-feeder. Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD30322-AN	2CLA615000N1801	10
White	AMD30322-WP	2CLA615000N2001	10
	TV terminal outlet M type - 1M Single TV outlet - Dead-end M type - 9,52 mm. male For 75Ω impedance coaxial cable Avoid small bending radius Frequency range: 5 - 2.400 Mhz Connection loss: 1 dB Isolation: >16 dB Return loss: >7,6 dB DC path (Vdc / mA / Tono): 34 max. / 500 max. / 22kHz - DiSEqC Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD30122-AN	2CLA615070N1801	10
White	AMD30122-WP	2CLA615070N2001	10
	TV/SAT terminal outlet F type - 2M F type isolated dead-end-feeder. Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD30344-AN	2CLA625000N1801	5
White	AMD30344-WP	2CLA625000N2001	5
	2RCA connection unit Front: 2x RCA connectors (Red / White) Rear: screw terminals (4 wires) Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD55222-AN	2CLA615520N1801	1
White	AMD55222-WP	2CLA615520N2001	1


Product	Article-No.	Order-No.	Pack/Qty
	3RCA connection unit Front: 3x RCA connectors (Red / White / Yellow) Rear: screw terminals (6 wires) Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD55322-AN	2CLA615530N1801	1
White	AMD55322-WP	2CLA615530N1201	1
	Mini-Jack connection unit Front: 1x Mini-Jack connector (3,5mm stereo audio jack) Rear: screw terminals (3/4 wires) Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD55422-AN	2CLA615540N1801	1
White	AMD55422-WP	2CLA615540N1201	1
	VGA connection unit Front: 1x VGA connector (DE-15 connector) Rear: screw terminals (15 wires) Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD55522-AN	2CLA615550N1801	1
White	AMD55522-WP	2CLA615550N1201	1
	HDMI connector female Front: 1x HDMI connector (Type A connector) Rear: 1x HDMI connector (Type A connector) fitted at 90° angle Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD55722-AN	2CLA615570N1801	5
White	AMD55722-WP	2CLA615570N1201	5
	HDMI connector screwless Front: 1x HDMI connector (Type A connector) Rear: screwless terminals (20 wires) Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD55122-AN	2CLA615510N1801	1
White	AMD55122-WP	2CLA615510N1201	1
	USB connector female USB adaptor. No charger Front: 1x USB 2.0 connector (Type A connector) Rear: 1x USB 2.0 connector (Type A connector) fitted at 90° angle Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD55922-AN	2CLA615590N1801	1
White	AMD55922-WP	2CLA615590N1201	1
	USB connector w/screw USB adaptor. No charger Front: 1x USB 2.0 connector (Type A connector) Rear: screw terminals (5 wires) Combination with frames AMD5144-XX & 5244-XX		
Anthracite	AMD55822-AN	2CLA615580N1801	1
White	AMD55822-WP	2CLA615580N1201	1

Millenium - Grid system for combination (AMD)


Dimmers

Product	Article-No.	Order-No.	Pack/Qty
	LED rotatory/push dimmer - 2M Rated voltage: 230 Vac \pm 10%. Frequency: 50 Hz (Nominal power: 250 W/VA) / 60 Hz (Nominal power: 200 W/VA). Power (min./max load): - LEDi: 2 / 100 W/VA (max. 10 lamps). - Dimmable energy saving lamps: 2 / 100 W/VA (max. 10 lamps). - LV LEDi with transformer (only type L or LC): 4 / 100 W/VA (max. 10 lamps). - Incandescent lamps: 10 / 250 W/VA. - Halogen lamps: 10 / 250 W/VA. - LV halogen with transformer (only type L or LC): 10 / 250 W/VA (max. 10 lamps). 2 wire connection. Optional: auxiliary on/off with 2-way switch. Indicator LED lamp included. Back-up fuse: Electronic. Overload protection: Electronic. Ambient temperature: 0° C to +35° C. Combination with frames AMD5144-XX & 5244-XX		
	Anthracite	AMD60344-AN	2CLA626030N1801 1
	White	AMD60344-WP	2CLA626030N2001 1


	Universal rotatory/push dimmer - 2M Rated voltage: 230 Vac ; 50 Hz. Min. power: 60 W / VA. Max. power: - Incandescent: 500 W. - Halogen lamp with electronic transformer: 500 VA. - Halogen lamp with ferromagnetic transformer: 400 VA. 2 wire connection. Optional: auxiliary control with push-buttons. Indicator LED lamp included. Operating temperature: 0° C to +30° C. Combination with frames AMD5144-XX & 5244-XX		
	Anthracite	AMD60244-AN	2CLA626020N1801 1
	White	AMD60244-WP	2CLA626020N2001 1


	1-10V rotary dimmer - 2M Rated voltage: 127 - 230 Vac ; 50-60 Hz Dimmable electronic ballast/driver with 1-10V control input. Max. power: - 230 Vac: 700 VA. - 127 Vac: 350 VA. Max. 6 ballasts per device. Indicator LED lamp included. Combination with frames AMD5144-XX & 5244-XX		
	Anthracite	AMD60944-AN	2CLA626090N1801 1
	White	AMD60944-WP	2CLA626090N2001 1


Motion sensor

Product	Article-No.	Order-No.	Pack/Qty
	110° motion sensor - 2M Rated voltage: 127 - 230 Vac \pm 10% ; 50 - 60 Hz Outputs: 1 Normally Open (NO). Potential free Max. power: - Incandescent: 1.800W @230Vac / 1.000W @127Vac - Halogen with electronic or ferromagnetic transformer: 750VA @230Vac / 400VA @127Vac - Fluorescent lamps or motors: 400VA @230Vac / 200VA @127Vac For automatic switching of devices dependent on motion and brightness. With integrated selector switch for ON-AUTOMATIC-OFF in the front side. Switch-off delay: 10 sec to 10 min or short-time pulse 1 sec adjustable (from the front side). Detection range: 5 m radius. Adjustable light set point level for activation (from the front side). Detection angle: 110 ° Mounting height: 1,2 m Auxiliary control with push-buttons Temperature range (Device): -10 °C to 40 °C Combination with frames AMD5144-XX & 5244-XX		
	Anthracite	AMD41144-AN	2CLA624100N1801 1
	White	AMD41144-WP	2CLA624100N2001 1

Various




	Blank insert 1M Blank insert 1 module Combination with frames AMD5144-XX & 5244-XX		
	Anthracite	AMD50422-AN	2CLA610000N1801 10
	White	AMD50422-WP	2CLA610000N2001 10

	Buzzer - 2M Rated voltage: 127-230 Vac ; 50-60 Hz. Rated power: 8 VA. Adjustable tone. Acoustic power at 1 meter with cover plate: 75 dB. Combination with frames AMD5144-XX & 5244-XX		
	Anthracite	AMD19144-AN	2CLA621900N1801 5
	White	AMD19144-WP	2CLA621900N2001 5

	Electronic door bell 230Vac - 2M Rated voltage: 230 Vac ; 50-60 Hz. 4 melodies available. Acoustic power at 1 meter with cover plate: 72 dB. Combination with frames AMD5144-XX & 5244-XX		
	Anthracite	AMD24144-AN	2CLA622400N1801 5
	White	AMD24144-WP	2CLA622400N2001 5

Millenium - Grid system for combination (AMD)




Sound system





Product	Article-No.	Order-No.	Pack/Qty
 FM stereo receiver with RDS Rated voltage: 230 Vac $\pm 15\%$ / 50-60 Hz Max. consumption: 100 mA Stand-by consumption with the display illumination at minimum: 0.2 W Stand-by consumption ref. AMD68044-AN + AMD68344-AN9368: 0.6 W Maximum output power: 2+2 W; <1% distortion (16 W) Speaker Impedance: 16 Ω (2+2 W audio) Combination with frames AMD5144-XX & 5244-XX			
Anthracite	AMD68044-AN	2CLA626800N1801	1
White	AMD68044-WP	2CLA626800N2001	1
 Input/output, USB & Bluetooth® module Power supply through AUX.: 9 V Bluetooth® v2.1 2.4GHz IEEE 802.15.1 Maximum reach from the module to user's Bluetooth® device: 10 m. Maximum consumption: 175 ~ 200 mA Consumption stand-by: 0.4 W Headphones impedance: 16 ~ 600 Ω (25 + 25 mW audio phones) Combination with frames AMD5144-XX & 5244-XX			
Anthracite	AMD68344-AN	2CLA626830N1801	1
White	AMD68344-WP	2CLA626830N2001	1
 Remote control unit for 9368.1 Power supply: 230 V~ / 127 V~ ; $\pm 15\%$; 50-60 Hz Maximum power consumption ref. 9368.2: 15 mA Stand-by consumption with the display illumination at minimum :0.5 W Stand-by consumption ref. AMD68244-AN + AMD68344-AN: 0.9 W Combination with frames AMD5144-XX & 5244-XX			
Anthracite	AMD68244-AN	2CLA626820N1801	1
White	AMD68244-WP	2CLA626820N2001	1

Product	Article-No.	Order-No.	Pack/Qty
 Radio/amplifier module for ceiling with Bluetooth® 9368.1 Bluetooth®: 230 V~ / 127 V~ ; $\pm 15\%$; 50-60 Hz Maximum reach from the module to user's Bluetooth® device: 10 m. Maximum power consumption: 200 mA Consumption stand-by: 0.3 W Antenna impedance: 75 Ω Maximum power headphone output: 6+6 W; <1% distortion (4 Ω) Minimum impedance of headphones: 4 Ω (6+6 W audio)			
	9368.1	2CLA936810A1002	10
 Loudspeaker 5" Installation in flush box ref. 9399 drilling 17mm or embedded ring ref. 9399.1 drilling 160mm. Max. Power: 6W Impedance: 16 Ω Response frequency: 70Hz to 10kHz			
	9329.1	2CLA932910A1001	1
 Flush box for loudspeaker 5"			
	9399	2CLA939900A1001	12
 Embedded ring for loudspeaker 5"			
	9399.1	2CLA939910A1001	12
 Styling grid for loudspeaker 5"			
	9399.2	2CLA939920A1001	12

Millenium - Grid system for combination (AMD)


ABB free@home®


Product	Article-No.	Order-No.	Pack/Qty
	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. 44 mm. × 44 mm. × 45 mm. Outputs: 1× normally open contact, potential free. Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SSA-F-1.1.PB.1	2CKA006220A0232	1
	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. 44 mm. × 44 mm. × 45 mm. Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10 – 180 W / VA. Suitable for: LEDi and energy-saving bulbs; typical. Rated power: 2 – 80 W / VA. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SDA-F-1.1.PB.1	2CKA006220A0235	1
	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. 44 mm. × 44 mm. × 45 mm. Outputs: 1× Change-over contacts/ normally open contact, potential bound. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SBA-F-1.1.PB.1	2CKA006220A0237	1


Product	Article-No.	Order-No.	Pack/Qty
	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. 44 mm. × 44 mm. × 45 mm. Control: Push buttons up/down. LEDs: Used as orientation light or as switching status. Protection class of device: IP 20. Mounting depth: 9 mm.		
	SU-F-1.0.PB.1	2CKA006220A0222	1
	1/2-Fold sensor cover plate 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. Combination with frames AMD5144-XX & AMD5244-XX		
Anthracite	SR-2-AMAN	2CLA622620N1801	5
White	SR-2-AMWP	2CLA622620N2001	5
	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. 44 mm. × 44 mm. × 45 mm. Outputs: 1× normally open contact, potential free. Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SSA-F-2.1.PB.1	2CKA006220A0233	1
	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. 44 mm. × 44 mm. × 45 mm. Outputs: 2× normally open contact, potential free. Suitable for: ohmic. Rated current: 10 A. Rated power: 2300 W. Suitable for: capacitive. Rated current: 10 AX. Protection class of device: IP 20. Mounting depth: 32 mm.		
	SSA-F-2.2.PB.1	2CKA006220A0234	1


Millenium - Grid system for combination (AMD)


ABB free@home®


Product	Article-No.	Order-No.	Pack/Qty
 <p>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® 2/4-Fold sensor cover plate. 44 mm. × 44 mm. × 45 mm. Outputs: 1× dimming channel. Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Rated power: 10 – 180 W / VA. Suitable for: LEDi and energy-saving bulbs; typical. Rated power: 2 – 80 W / VA Protection class of device: IP 20. Mounting depth: 32 mm.</p>	SDA-F-2.1.PB.1	2CKA006220A0236	1


 <p>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® 2/4-Fold sensor cover plate. 44 mm. × 44 mm. × 45 mm. Outputs: 1× Change-over contacts/ normally open contact, potentialbound. Rated power: 920 VA. Rated current: 4 A. Suitable for: Operating mode blind. Protection class of device: IP 20. Mounting depth: 32 mm.</p>	SBA-F-2.1.PB.1	2CKA006220A0238	1
---	-----------------------	-----------------	---


 <p>For sending switching, dimming and blind commands to an ABB-free@home® actuator. Only to be used in combination with ABB-free@home® 2/4-Fold sensor cover plate. 44 mm. × 44 mm. × 45 mm. Control: Push buttons up/down. LEDs: Used as orientation light or as switching status. Protection class of device: IP 20. Mounting depth: 9 mm.</p>	SU-F-2.0.PB.1	2CKA006220A0223	1
---	----------------------	-----------------	---


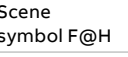
 <p>2/4-Fold sensor cover plate Cover plate ABB-free@home® 2/4-Fold sensor for the SSA-F-2.1.PB.1, SSA-F-2.2.PB.1, SDA-F-2.1.PB.1, SBA-F-2.1PB.1 and SU-F-2.0.PB.1 sensors. Combination with frames AMD5144-XX & AMD5244-XX</p>	SR-4-AMAN	2CLA622640N1801	5
	SR-4-AMWP	2CLA622640N2001	5

Product	Article-No.	Order-No.	Pack/Qty
 <p>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. With NOMINAL temperature indication. Only to be used in combination with ABB-free@home® room temperature controller cover plate. 44 mm. × 44 mm. × 45 mm. Visualization: LCD status mode indicator. Protection class of device: IP 20. Mounting depth: 14 mm.</p>	RTC-F-1.PB	2CKA006220A0276	1

 <p>Room temperature controller cover plate. Cover plate ABB-free@home® for RTC-F-1.PB</p>	CP-RTC-AMAN	2CLA624060N1801	5
	CP-RTC-AMWP	2CLA624060N2001	5

 <p>Watchdog sensor 180° with lens for the detection of animals. For the automatic switching of the ABB-free@home® actuators. Only to be used in combination with ABB-free@home® Watchdog 180° flush mounted cover plate. 44 mm. × 44 mm. × 45 mm. Detection range: 6m front, 3m lateral. Angle: 180°. Brightness range: 1-500 Lux. Protection class of device: IP 20. Mounting depth: 9 mm.</p>	MSA-F-1.1.PB.1	2CKA006220A0231	1
--	-----------------------	-----------------	---

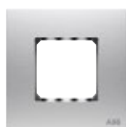
 <p>Watchdog sensor 180 cover plate. Cover plate ABB-free@home® for Watchdog sensor MSA-F-1.1.PB.1. Combination with frames AMD5144-XX & AMD5244-XX.</p>	CP-MD-AMAN	2CLA624160N1801	5
	CP-MD-AMWP	2CLA624160N2001	5

 <p>Light symbol button ABB-free@home® Blind symbol button ABB-free@home® Scene symbol button ABB-free@home® Dimmer symbol button ABB-free@home®</p>	SBL-AMAN	2CLA602610N1801	20
	SBB-AMAN	2CLA602620N1801	20
 <p>Scene symbol F@H</p>	SBS-AMAN	2CLA602630N1801	20
	SBD-AMAN	2CLA602640N1801	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	AMD5144-ST	2CLA627100N1101	10
Silk Black	AMD5144-SB	2CLA627100N1501	10
Antique Gold	AMD5144-AG	2CLA627100N1601	10
Matt Gold	AMD5144-MG	2CLA627100N1701	10
White Glass	AMD5144-WG	2CLA627100N3001	10
Black Glass	AMD5144-BG	2CLA627100N3101	10



Premium/half/double rocker switch frame 2-gang

Includes metal mounting frame
Dimensions 86 x 147 mm.

Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5



Premium/half/double rocker switch frame 3-gang

Includes metal mounting frame
Dimensions 86 x 228 mm.

Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5
Matt Gold	AMD5344-MG	2CLA667310N1701	5
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2







Premium/half/double rocker switch frame 4-gang




Includes metal mounting frame
Dimensions 86 x 293 mm.

Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2

Millenium - Grid system for combination (AMD)

KNX system

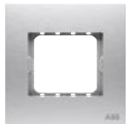
Product	Article-No.	Order-No.	Pack/Qty
	2-Fold sensor Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 53 mm. x 44 mm.		
	AMD72053-AN (6125/20-981-500)	2CKA006115A0443	1
Anthracite			
White	AMD72053-WP (6125/20-214-500)	2CKA006115A0500	1
	4-Fold sensor Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 53 mm. x 44 mm.		
	AMD74053-AN (6126/20-981-500)	2CKA006116A0218	1
Anthracite			
White	AMD74053-WP (6126/20-214-500)	2CKA006115A0501	1
	6-Fold sensor Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 53 mm. x 44 mm.		
	AMD76053-AN (6129/20-981-500)	2CKA006118A0104	1
Anthracite			
White	AMD76053-WP (6129/20-214-500)	2CKA006115A0502	1
	6-Fold sensor with IR Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Control element: Switch contacts. Display elements: LED to indicate the function. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 53 mm. x 44 mm.		
	AMD76153-AN (6129/21-981-500)	2CKA006118A0107	1
Anthracite			
White	AMD76153-WP (6129/21-214-500)	2CKA006134A0355	1


Product	Article-No.	Order-No.	Pack/Qty
	Watchdog 180° flush mounted Movement sensor with up to four channels. Detection range: frontal: 6 m., lateral: 6 m. Detection angle: 180 °. Brightness limit value: 5 Lux - 150 Lux. Mounting height: 1.1 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 53 mm x 44 mm Position for installation: vertical.		
	AMD70153-AN (6122/20-981-500)	2CKA006132A0306	1
Anthracite			
White	AMD70153-WP (6122/20-214-500)	2CKA006132A0424	1
	Room thermostat heating/cooling fan coil Control element with room thermostat function for triggering the heating, ventilation and fan-coil actuators. The controller is a thermostat for fan coil units in 2 - and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in automatic mode. Incl. 10 logic channels (light scene actuator, sequence actuator, logic gates, etc.). Switch contacts for operating mode selection and dial for setpoint or fan speed adjustment. Display elements: LCD showing operation modes. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 53 mm. x 44 mm.		
	AMD70053-AN (6124/08-981-500)	2CKA006134A0309	1
Anthracite			
White	AMD70053-WP (6124/08-214-500)	2CKA006134A0354	1
	Ceiling light symbol Blind symbol Scene symbol Temperature symbol Light symbol Fan coil symbol Labelling insert for Millenium control covers 1 / 2-gang, 2 / 4-gang, 3 / 6-gang and 3 / 6-gang with infrared		
	AM50701-GR (6123/20-500)	2CKA006123A0001	10
	AM50702-GR (6123/21-500)	2CKA006123A0002	10
	AM50703-GR (6123/22-500)	2CKA006123A0003	10
	AM50704-GR (6123/23-500)	2CKA006123A0004	10
	AM50705-GR (6123/24-500)	2CKA006123A0005	10
	AM50706-GR (6123/26-500)	2CKA006123A0006	10

Millenium - Grid system for combination (AMD)


Triple rocker & KNX sensor frames


Access control KNX


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	AMD5153-ST	2CLA637100N1101	10
Silk Black	AMD5153-SB	2CLA637100N1501	10
Antique Gold	AMD5153-AG	2CLA637100N1601	10
Matt Gold	AMD5153-MG	2CLA637100N1701	10
White Glass	AMD5153-WG	2CLA637100N3001	10
Black Glass	AMD5153-BG	2CLA637100N3101	10


 Triple rocker switch/KNX sensors frame 2-gang Includes metal mounting frame Dimensions 86 x 147 mm.			
Stainless Steel	AMD5253-ST	2CLA667200N1101	10
Silk Black	AMD5253-SB	2CLA667200N1501	10
Antique Gold	AMD5253-AG	2CLA667200N1601	10
Matt Gold	AMD5253-MG	2CLA667200N1701	10
White Glass	AMD5253-WG	2CLA667200N3001	5
Black Glass	AMD5253-BG	2CLA667200N3101	5


Special metal mounting plate for KNX sensors

 Special mounting plate KNX sensors 1G			
AMD5053 2CLA627190N1001 6			

Product	Article-No.	Order-No.	Pack/Qty
 Mifare transponder reader 1) Access Control transponder reader able to be completely integrated into every KNX installation. 2) 1 binary input for connecting cardholder 3) 1 output 4A (24 V AC/DC) Required additional power supply (10...32 V DC/12...24 V AC) Combination with frames AMD5144-XX & AMD5244-XX			
TR/U 1.1		2CSY235683R2001	1

 Mifare transponder holder Access Control transponder holder able to be completely integrated into every KNX installation. 1) 1 binary input (ON/OFF, dimmer, shutter) 2) 1 output 4A (24 V AC/DC) Required additional power supply (12...24 V AC/DC) Combination with frames AMD5144-XX & AMD5244-XX			
TH/U 1.1		2CSY265232R2021	1

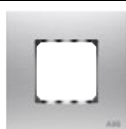
 Set of 10 transponder cards The transponder card uses passive transponder technology operating in radio frequency (MIFARE technology), without the need for contact between the reader and the card itself. The transponder card is read by swiping it in front of the reader at a maximum distance of 20 mm (can be reduced according to installation environment).			
TS/T 1		2CSY259412R2041	1

 Software MiniMAC 4.1 Configuration and supervision software for ABB Access Control system. Main functionalities are: management of keys, room state monitoring. Guest check in/check out, front desk room load monitoring, management of guest and employee databases, front desk management of room climate, ...			
SW MiniMAC 4.1		2CSY258202R2051	1

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	AMD5144-ST	2CLA627100N1101	10
Silk Black	AMD5144-SB	2CLA627100N1501	10
Antique Gold	AMD5144-AG	2CLA627100N1601	10
Matt Gold	AMD5144-MG	2CLA627100N1701	10
White Glass	AMD5144-WG	2CLA627100N3001	10
Black Glass	AMD5144-BG	2CLA627100N3101	10



Premium/half/double rocker switch frame 2-gang

Includes metal mounting frame
Dimensions 86 x 147 mm.

Stainless Steel	AMD5244-ST	2CLA647200N1101	10
Silk Black	AMD5244-SB	2CLA647200N1501	10
Antique Gold	AMD5244-AG	2CLA647200N1601	10
Matt Gold	AMD5244-MG	2CLA647200N1701	10
White Glass	AMD5244-WG	2CLA647200N3001	5
Black Glass	AMD5244-BG	2CLA647200N3101	5



Premium/half/double rocker switch frame 3-gang

Includes metal mounting frame
Dimensions 86 x 228 mm.

Stainless Steel	AMD5344-ST	2CLA667310N1101	5
Silk Black	AMD5344-SB	2CLA667310N1501	5
Antique Gold	AMD5344-AG	2CLA667310N1601	5
Matt Gold	AMD5344-MG	2CLA667310N1701	5
White Glass	AMD5344-WG	2CLA667310N3001	2
Black Glass	AMD5344-BG	2CLA667310N3101	2



Premium/half/double rocker switch frame 4-gang

Includes metal mounting frame
Dimensions 86 x 293 mm.

Stainless Steel	AMD5444-ST	2CLA687410N1101	5
Silk Black	AMD5444-SB	2CLA687410N1501	5
Antique Gold	AMD5444-AG	2CLA687410N1601	5
Matt Gold	AMD5444-MG	2CLA687410N1701	5
White Glass	AMD5444-WG	2CLA687410N3001	2
Black Glass	AMD5444-BG	2CLA687410N3101	2

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.



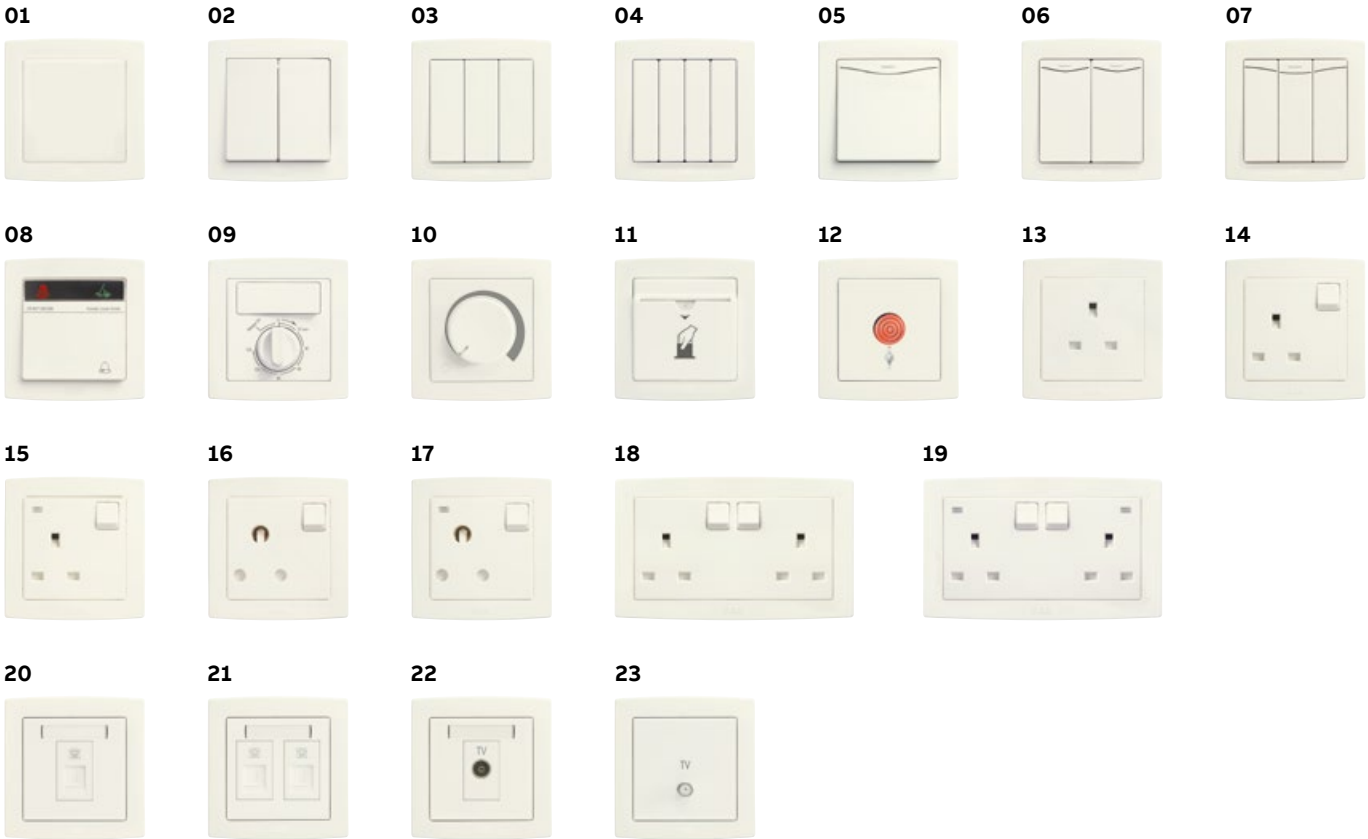
- | | |
|-----------------|---------------------|
| 01 white | 04 silver champagne |
| 02 silver | 05 pearl gold |
| 03 elegant grey | |

Materials

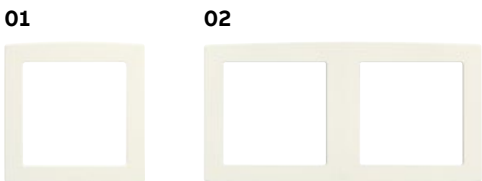
High quality polycarbonate with improved flame-retardant characteristics and colour stability.

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.





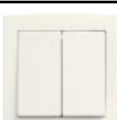



For more information about light switch ranges visit ABB global web sites.

Concept bs







Switches

Product	Article-No.	Order-No.	Pack/Qty
	1-gang 1-way switch Rated current: 10AX		
	White	AC101	15
	1-gang 2-way switch Rated current: 10AX		
	White	AC105	15
	Intermediate switch Rated current: 10AX		
	White	AC119	15
	1-gang 1-way switch Rated current: 20AX		
	White	AC110	15
	1-gang 2-way switch Rated current: 20AX		
	White	AC112	15
	1-gang 1-way double pole switch, with marking "On" Rated current: 20AX		
	White	AC111	15

Product	Article-No.	Order-No.	Pack/Qty
	1-gang 1-way push switch Rated current: 10AX		
	White	AC430	15
	1-gang 2-way double pole switch Rated current: 20AX		
	White	AC196	15
	Fan isolator 3 pole Rated current: 10A		
	White	AC134	15
	2-gang 1-way switch Rated current: 10AX		
	White	AC102	15
	2-gang 2-way switch Rated current: 10AX		
	White	AC106	15
	2-gang 1-way switch Rated current: 20AX		
	White	AC114	15

Concept bs

Switches

Product	Article-No.	Order-No.	Pack/Qty
	2-gang 2-way switch Rated current: 20AX		
	White	AC115	15
	2-gang 1-way double pole switch, with marking "On" Rated current: 20AX		
	White	AC113	15
	2-gang 1-way push switch Rated current: 10A		
	White	AC438	15
	3-gang 1-way switch Rated current: 10AX		
	White	AC103	15
	3-gang 2-way switch Rated current: 10AX		
	White	AC107	15
	3-gang 1-way switch Rated current: 16AX		
	White	AC116	15

Product	Article-No.	Order-No.	Pack/Qty
	3-gang 2-way switch Rated current: 16AX		
	White	AC121	15
	4-gang 1-way switch Rated current: 10AX		
	White	AC104	15
	4-gang 2-way switch Rated current: 10AX		
	White	AC108	15
	4-gang 1-way switch Rated current: 16AX		
	White	AC117	15
	3-gang 1-way switch (146 type) Rated current: 10AX		
	White	AC128	8
	3-gang 2-way switch (146 type) Rated current: 10AX		
	White	AC190	8

Concept bs







Switches







Product	Article-No.	Order-No.	Pack/Qty
	3-gang 1-way switch (146 type) Rated current: 20AX		
	White	AC192	8
	3-gang 2-way switch (146 type) Rated current: 20AX		
	White	AC194	8
	4-gang 1-way switch (146 type) Rated current: 10AX		
	White	AC129	8
	4-gang 2-way switch (146 type) Rated current: 10AX		
	White	AC191	8
	4-gang 1-way switch (146 type) Rated current: 20AX		
	White	AC193	8
	4-gang 2-way switch (146 type) Rated current: 20AX		
	White	AC195	8
	1-gang 1-way switch with LED/decorative line Rated current: 10AX		
	White	AC161	15

Product	Article-No.	Order-No.	Pack/Qty
	1-gang 2-way switch with LED/decorative line Rated current: 10AX		
	White	AC164	15
	1-gang 1-way switch with LED/decorative line Rated current: 20AX		
	White	AC170	15
	1-gang 2-way switch with LED/decorative line Rated current: 20AX		
	White	AC172	15
	1-gang 1-way double pole switch with LED/decorative line and marking "On" Rated current: 20AX		
	White	AC171	15
	1 gang 1 way double pole switch with LED/decorative line and marking "On" and "water heater" Rated current: 20AX		
	White	AC171WH	15
	2-gang 1-way switch with LED/decorative line Rated current: 10AX		
	White	AC162	15

Concept bs

Switches

Product	Article-No.	Order-No.	Pack/Qty
	2-gang 2-way switch with LED/decorative line Rated current: 10AX		
	White	AC165	15
	2-gang 1-way switch with LED/decorative line Rated current: 20AX		
	White	AC173	15
	2-gang 2-way switch with LED/decorative line Rated current: 20AX		
	White	AC174	15
	2-gang 1-way double pole switch with LED/decorative line and marking "On" Rated current: 20AX		
	White	AC178	15
	3-gang 1-way switch with LED/decorative line Rated current: 10AX		
	White	AC163	15
	3-gang 2-way switch with LED/decorative line Rated current: 10AX		
	White	AC166	15

Product	Article-No.	Order-No.	Pack/Qty
	3-gang 2-way switch with LED/decorative line Rated current: 16AX		
	White	AC175	15
	1 gang 1 way double pole switch with LED Rated current: 32A		
	White	AC176	8
	1 gang 1 way double pole switch with LED Rated current: 45A		
	White	AC177	10
	45A double pole switch with neon and 13A switched socket outlet with neon Rated current: 45A-13A		
	White	AC118	5
	1-gang 1-way double pole switch, with marking "On", with flex outlet Rated current: 20AX		
	White	AC120	10
	1-gang 1-way double pole switch, with marking "On", "water heater", with flex outlet Rated current: 20AX		
	White	AC120WH	10

Concept bs




Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	BS socket outlet Rated current: 13A		
	White	AC208	15
	BS single pole switched socket outlet Rated current: 13A		
	White	AC224	15
	BS double pole switched socket outlet Rated current: 13A		
	White	AC237	15
	BS single pole switched socket outlet with neon Rated current: 13A		
	White	AC229	15
	BS double pole switched socket outlet with neon Rated current: 13A		
	White	AC238	15
	BS single pole round pin switched socket outlet Rated current: 15A		
	White	AC209	14
	BS single pole round pin switched socket outlet with neon Rated current: 15A		
	White	AC231	14








Product	Article-No.	Order-No.	Pack/Qty
	BS round pin socket outlet Rated current: 5A		
	White	AC210	15
	Schuko socket Rated current: 16A		
	White	AC296	10
	Schuko socket without child protection Rated current: 16A		
	White	AC296-001	10
	2-gang BS single pole switched socket outlet Rated current: 13A		
	White	AC227	8
	2-gang BS double pole switched socket outlet Rated current: 13A		
	White	AC239	8
	2-gang BS single pole switched socket outlet with neon Rated current: 13A		
	White	AC230	8
	2-gang BS double pole switched socket outlet with neon Rated current: 13A		
	White	AC240	8

Concept bs

Socket outlets








Product	Article-No.	Order-No.	Pack/Qty
	2-gang Euro-American socket outlet Rated current: 10A		
	White	AC212	10
	2-gang Euro-American switched socket outlet Rated current: 10A		
	White	AC222	10
	2-gang Euro-American switched socket outlet with neon Rated current: 10A		
	White	AC234	10




Data outlets

Product	Article-No.	Order-No.	Pack/Qty
	1-gang telephone outlet, RJ11 4-pole UTP		
	White	AC321	10
	2-gang telephone outlet, RJ11 4-pole UTP		
	White	AC322	10
	1-gang computer outlet, RJ45, cat. 5e 8-pole UTP		
	White	AC331	10
	1-gang computer outlet, RJ45, cat. 6 8-pole UTP		
	White	AC333	10
	2-gang computer outlet, RJ45, cat. 5e 8-pole UTP		
	White	AC332	10
	2-gang computer outlet, RJ45, cat. 6 8-pole UTP		
	White	AC329	10
	2-gang telephone outlet RJ11, 4-pole & computer outlet RJ45, cat. 5e 8-pole UTP		
	White	AC323	10

Concept bs










Data outlets







Product	Article-No.	Order-No.	Pack/Qty
	2-gang telephone outlet RJ11, 4-pole & computer outlet RJ45, cat. 6 8-pole UTP		
	White	AC330	10
	1-gang TV outlet dead-end feeder		
	White	AC301	10
	1-gang TV outlet loop-through, isolated		
	White	AC304	10
	Sat outlet F-type dead-end-feeder, isolated		
	White	AC303	10
	TV outlet connector F-type		
	White	AC307	10
	TV & FM outlet F-type dead-end-feeder, isolated		
	White	AC312	10
	2-gang TV outlet twin isolated, loop-through, isolated		
	White	AC302	10

Product	Article-No.	Order-No.	Pack/Qty
	TV & telephone outlet UTP		
	White	AC324	10
	Audio outlet 2 terminals		
	White	AC341	10
	Audio outlet 4 terminals		
	White	AC342	10

Concept bs







Function control switches






Product	Article-No.	Order-No.	Pack/Qty
	Rotary dimmer Power: 25W-600W Lighting:  ,  Short circuit protection Ambience temperature: -5-+40°C Base in box: 31.3mm		
	White	AC412	8
	Volume control switch 5-15W, (0-100)V~ With fire alarm terminal		
	White	AC416	8
	Countdown timer & 1-gang 1-way combination switch 10AX, 250V~ Time setting: 10-120min Two separate switching contacts		
	White	AC411	10
	Emergency switch 6A, 230V~ Sending alarm signal manually, using key to release		
	White	AC419	10
	4 step rotary switch 300W, 230V~ With high, mid, low fan speed selection		
	White	AC413	8
	Fan Controller 500VA, 250V~, 50Hz		
	White	AC422	8
	Card switch Rated current: 20A * Suitable for several loads, time delay: 30±5s		
	White	AC402	8

Product	Article-No.	Order-No.	Pack/Qty
	Bell push-switch "Do Not Disturb" marking and indicator Rated current: 10A		
	White	AC403-001	12
	Bell push-switch "Do Not Disturb" & "Please Clean Room" marking and indicator Rated current: 10A		
	White	AC403-002	12
	Bell push-switch "Do Not Disturb", & "Please Clean Room" & "Please Wait" marking and indicator Rated current: 10A		
	White	AC403	12
	Shaver socket outlet Input: 230V~, 50Hz/60Hz Output: 115V/230V~, 20VA		
	White	AC401	1
	Shaver socket outlet (horizontal) Input: 230V~, 50Hz/60Hz Output: 115V/230V~, 20VA		
	White	AC401-001	1
	Push switch with "bell" symbol Rated current: 10A		
	White	AC429	15

Concept bs

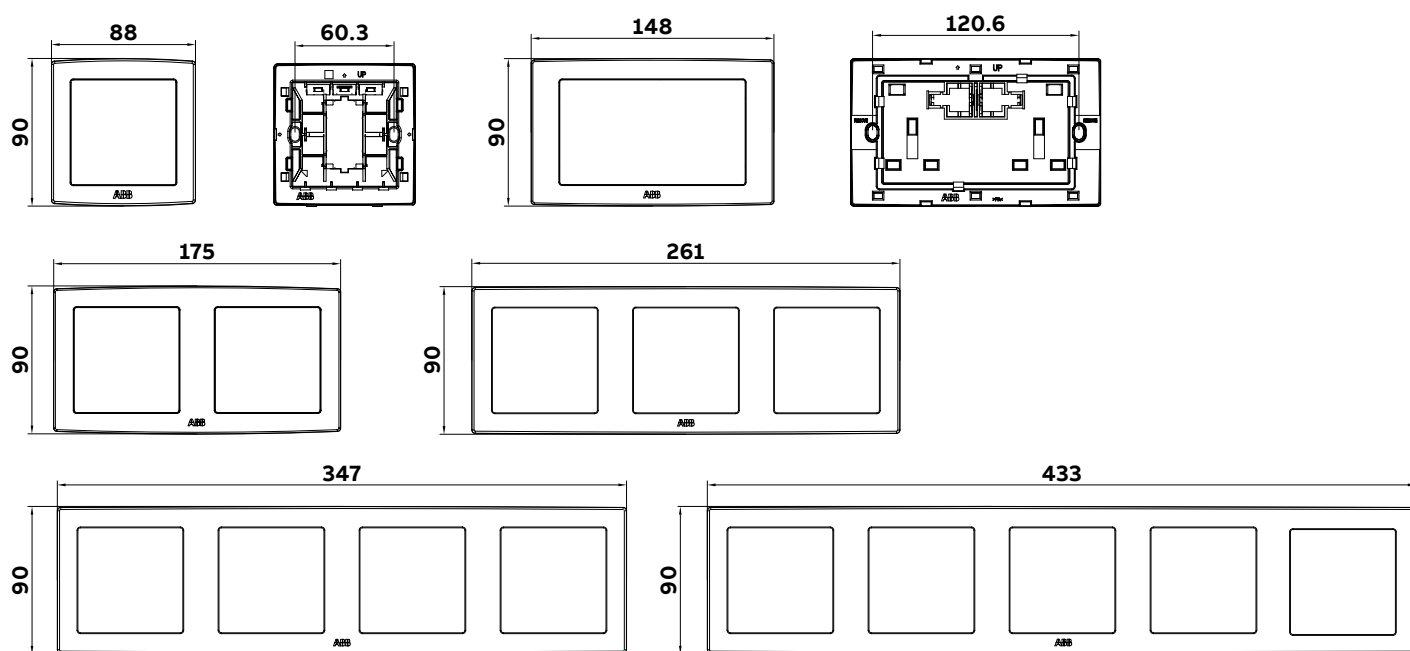
FCU and Flex Outlets/Accessories

Product	Article-No.	Order-No.	Pack/Qty
1-gang blank plate			
			
White	AC504		20
2-gang blank plate			
			
White	AC505		10
1-gang adapter plate for Busch-Jaeger solo / future / carat / pure series (64mm × 64mm)			
			
White	AC503		20
Fused connection unit Rated current: 13A			
			
White	AC506		10
Fused connection unit with neon Rated current: 13A			
			
White	AC577		10
Switched fused connection unit with neon Rated current: 13A			
			
White	AC507		10

Product	Article-No.	Order-No.	Pack/Qty
1-gang frame Concept bs			
			
White	AC5101		60
Chrome	AC5101-C		60
2-gang frame Concept bs for dual gang box (screw hole distance: 26mm)			
			
White	AC5201		30
Chrome	AC5201-C		30
3-gang frame Concept bs (screw hole distance: 26mm)			
			
White	AC5103		30
Chrome	AC5103-C		30
4-gang frame Concept bs (screw hole distance: 26mm)			
			
White	AC5104		30
Chrome	AC5104-C		30
5-gang frame Concept bs (screw hole distance: 26mm)			
			
White	AC5105		1
Chrome	AC5105-C		1

Concept bs

Dimensions of Concept bs

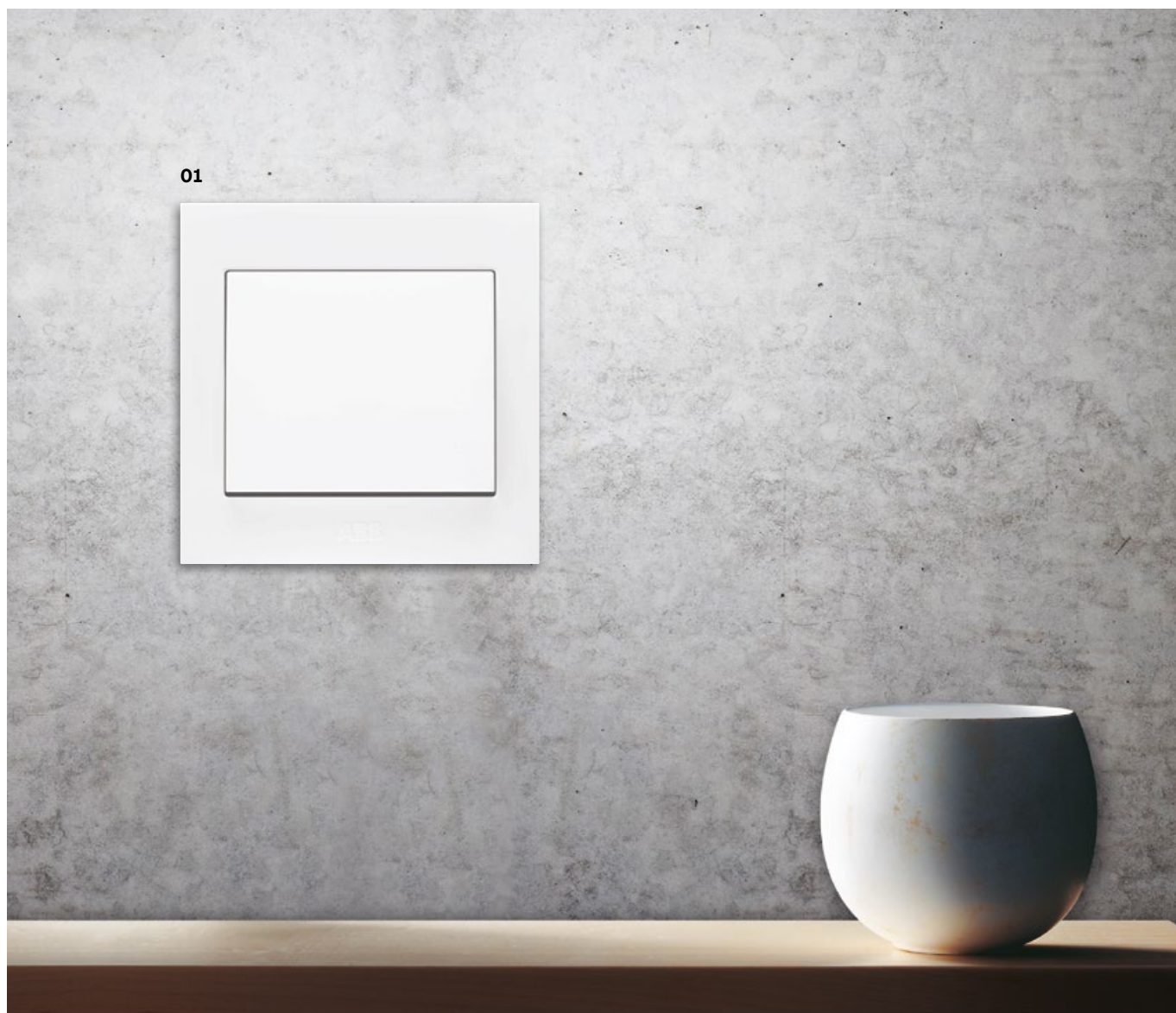


Unit: mm

Kalo

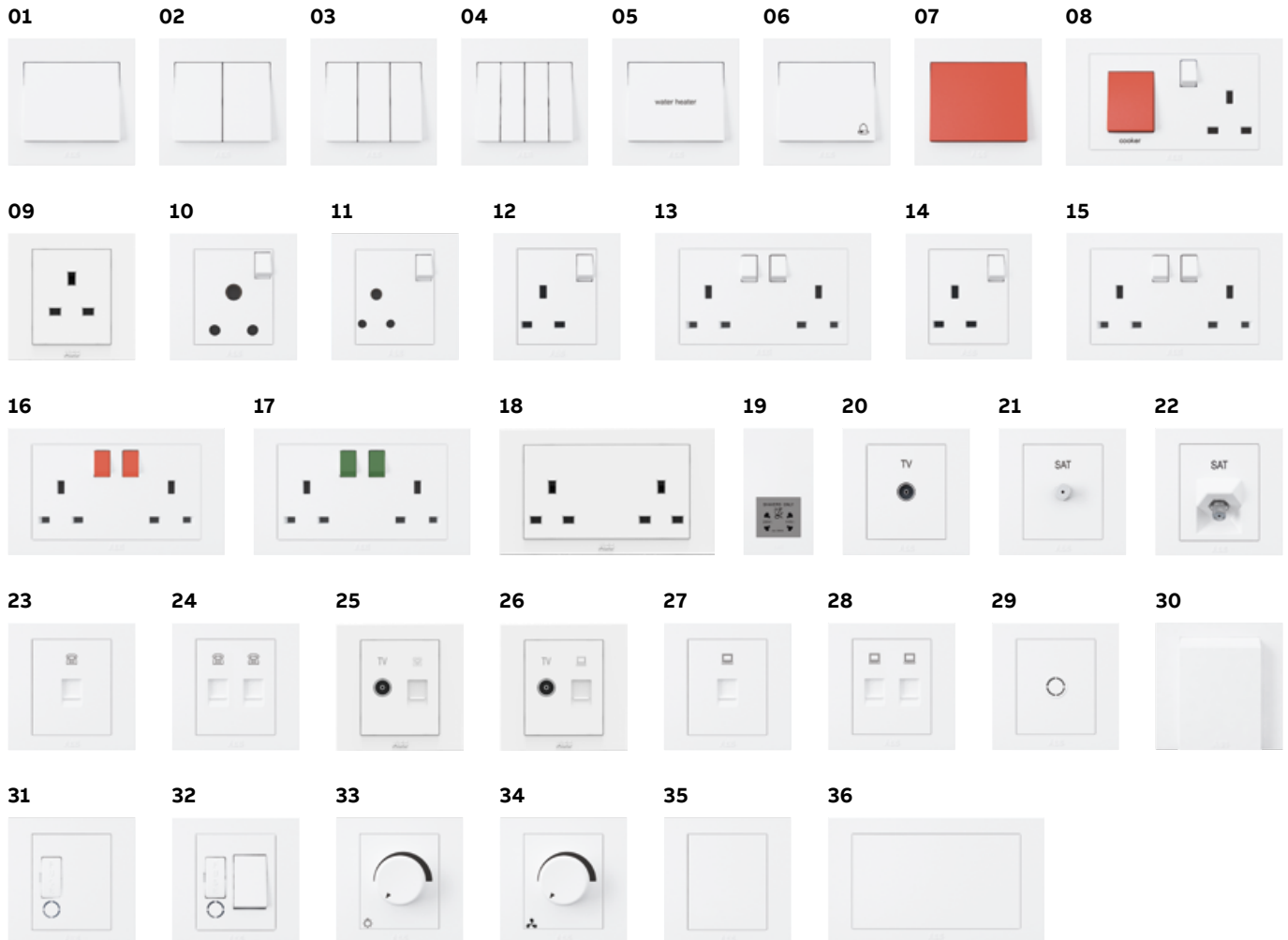
Attraction in simplicity.

Elegance lies in simplicity and purity. Kalo is a proof of it. Its pleasant slim design in angelic white, perfectly complements any interior. The blue LED backlight illuminates switches and socket outlets in the dark. When you need to switch on and plug in your appliances, Kalo makes it easy.



Kalo

Selected functions.



- 01 1-gang 1-way Switch
- 02 2-gang 1-way Switch
- 03 3-gang 1-way Switch
- 04 4-gang 1-way Switch
- 05 1-gang 1-Way 20 AX DP Switch Illuminated – Marked Water Heater
- 06 1-gang 1-Way Push Switch – Marked Bell
- 07 1-gang 1- Way 45 A DP Switch
- 08 Cooker Control Unit
- 09 1 gang 13 A Unswitched Socket SP
- 10 1-gang 15 A Switch Socket SP or DP – Illuminated
- 11 1-gang 5 A Switch Socket SP or DP
- 12 1-gang 13 A Switch Socket SP or DP
- 13 2-gang 13 A Switch Socket SP or DP
- 14 1-gang 13 A Switch Socket SP or DP – Illuminated
- 15 2-gang 13 A Switch Socket SP or DP – Illuminated
- 16 2-gang 13 A Switch Socket SP with red rocker – Illuminated
- 17 2-gang 13 A Switch Socket SP with green rocker – Illuminated

- 18 2 Gang 13 A Unswitched Socket SP
- 19 Shaver Socket
- 20 1-gang TV Outlet
- 21 1-gang SAT Outlet
- 22 1-gang SAT Outlet – 45 degree
- 23 1-gang Telephone Outlet
- 24 2-gang Telephone Outlet
- 25 2 Gang TV / Telephone Outlet
- 26 2 Gang TV / Data Outlet
- 27 1-gang Data Outlet Cat.5e or Cat.6
- 28 2-gang Data Outlet Cat.5e or Cat.6
- 29 Flex Outlet
- 30 Flex Outlet 45 A
- 31 Fused connection Unit Unswitched with Flex Outlet
- 32 Fused Connection Unit Switched with Flex Outlet – Illuminated
- 33 1-gang Rotary Dimmer
- 34 Fan Regulator
- 35 1-gang Blank Plate
- 36 2-gang Blank Plate





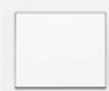


- 01 Side view, 7 x 86 mm
- 02 1-gang 1-way Switch, 86 x 86 mm




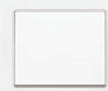





For more information about light switch ranges visit ABB global web sites.

Kalo






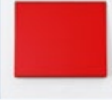
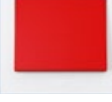
Switches

Product	Article-No.	Order-No.	Pack/Qty
	1-gang 1-way switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH101	2TCZ091001R0030 10
	2-gang 1-way switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH102	2TCZ091003R0030 10
	3-gang 1-way switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH103	2TCZ091005R0030 10
	4-gang 1-way switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH104	2TCZ091007R0030 10
	1-gang 2-way switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH105	2TCZ091002R0030 10
	2-gang 2-way switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH106	2TCZ091004R0030 10
	3-gang 2-way switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH107	2TCZ091006R0030 10






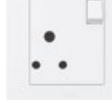
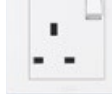

Product	Article-No.	Order-No.	Pack/Qty
	4-gang 2-way switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH108	2TCZ091008R0030 10
	1-gang 1-way 20 AX switch Rated current: 20 AX Flush-mounted box dimension: 35 mm		
	White	BH110	2TCZ091095R0070 10
	1-gang 1-way 20 AX DP switch illuminated Rated current: 20 AX Flush-mounted box dimension: 35 mm		
	White	BH111	2TCZ091096R0070 10
	1-gang 2-way 20 AX switch Rated current: 20 AX Flush-mounted box dimension: 35 mm		
	White	BH112	2TCZ091097R0070 10
	2-gang 1-way 20 AX DP switch w/mark "On" Rated current: 20 AX Flush-mounted box dimension: 35 mm		
	White	BH113	2TCZ091018R0070 10
	2-gang 1-way 20 AX switch Rated current: 20 AX Flush-mounted box dimension: 35 mm		
	White	BH114	2TCZ091016R0070 10
	2-gang 2-way 20 AX switch Rated current: 20 AX Flush-mounted box dimension: 35 mm		
	White	BH115	2TCZ091017R0070 10

Kalo

Switches








Product	Article-No.	Order-No.	Pack/Qty
	1-gang intermediate switch Rated current: 10 AX Flush-mounted box dimension: 35 mm		
	White	BH119	2TCZ091009R0030 10
	1-gang 1-way 20 AX DP switch illuminated – marked water heater Rated current: 20 AX Flush-mounted box dimension: 35 mm		
	White	BH171WH	2TCZ091012R0075 10
	1-gang 1-way push switch – marked bell Rated current: 10 A Flush-mounted box dimension: 35 mm		
	White	BH429	2TCZ091011R0030 10
	1-gang 1-way push switch Rated current: 10 A Flush-mounted box dimension: 35 mm		
	White	BH430	2TCZ091010R0030 10
	1-gang 1-way 32 A DP switch Rated current: 32 A Flush-mounted box dimension: 47 mm		
	White	BH176	2TCZ091013R0090 6
	1-gang 1-way 45 A DP switch Rated current: 45 A Flush-mounted box dimension: 47 mm		
	White	BH177	2TCZ091014R0090 6
	1-gang 1-way 45 A DP switch – illuminated Rated current: 45 A Flush-mounted box dimension: 47 mm		
	White	BH179	2TCZ091098R0090 6





Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	1-gang 13 A unswitched socket SP Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH208	2TCZ092014R0040 10
	1-gang 15 A switch socket SP Rated current: 15 A Flush-mounted box dimension: 35 mm		
	White	BH209	2TCZ092012R0050 8
	1-gang 15 A switch socket SP – illuminated Rated current: 15 A Flush-mounted box dimension: 35 mm		
	White	BH231	2TCZ092092R0050 8
	1-gang 15 A switch socket DP – illuminated Rated current: 15 A Flush-mounted box dimension: 35 mm		
	White	BH232	2TCZ092093R0050 8
	1-gang 5 A switch socket SP Rated current: 5 A Flush-mounted box dimension: 35 mm		
	White	BH220	2TCZ092090R0020 10
	1-gang 5 A switch socket DP Rated current: 5 A Flush-mounted box dimension: 35 mm		
	White	BH221	2TCZ092090R0020 10
	1-gang 13 A switch socket SP Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH224	2TCZ092001R0040 10
	1-gang 13 A switch socket DP Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH237	2TCZ092095R0040 10

Kalo





Socket outlets







Product	Article-No.	Order-No.	Pack/Qty
	2-gang 13 A unswitched socket SP Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH260	2TCZ092015R0040 6
	2-gang 13 A switch socket SP Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH227	2TCZ092010R0040 6
	2-gang 13 A switch socket DP Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH239	2TCZ092097R0040 6
	2-gang 13 A switch socket DP – illuminated Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH240	2TCZ092098R0040 6
	2-gang 13 A switch socket SP with red rocker – illuminated Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH236	2TCZ092094R0040 6
	2-gang 13 A switch socket SP with green rocker – illuminated Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH241	2TCZ092099R0040 6
	1-gang 13 A switch socket SP – illuminated Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH229	2TCZ092002R0040 5

Product	Article-No.	Order-No.	Pack/Qty
	1-gang 13 A switch socket DP – illuminated Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH238	2TCZ092096R0040 10
	2-gang 13 A switch socket SP – illuminated Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH230	2TCZ092011R0040 6
	Shaver socket Input: 230V, 50Hz/60Hz Outlet: 115V/230V, 20VA Flush-mounted box dimension: 47 mm		
	White	BH401	2TCZ094002R0010 1
	Cooker control unit Rated current: 45 A / 13 A Flush-mounted box dimension: 47 mm		
	White	BH118	2TCZ091015R0090 6

Kalo

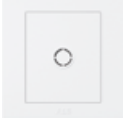






Communication outlets


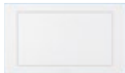
Product	Article-No.	Order-No.	Pack/Qty
	1-gang TV outlet End of line Flush-mounted box dimension: 35 mm		
	White	BH301	2TCZ093001R0010 10
	1-gang TV outlet Loop-through Flush-mounted box dimension: 35 mm		
	White	BH304	2TCZ093003R0010 10
	1-gang Sat outlet F - type Flush-mounted box dimension: 35 mm		
	White	BH307	2TCZ093004R0010 10
	1-gang Sat outlet – 45 degree F - type Flush-mounted box dimension: 35 mm		
	White	BH308	2TCZ093099R0010 10
	1-gang telephone outlet RJ11 Flush-mounted box dimension: 35 mm		
	White	BH321	2TCZ093006R0010 10
	2-gang telephone outlet RJ11 Cat.3 Flush-mounted box dimension: 35 mm		
	White	BH322	2TCZ093012R0010 8

Product	Article-No.	Order-No.	Pack/Qty
	2-gang TV/ telephone outlet 5-1000 MHz, RJ11 Flush-mounted box dimension: 35 mm		
	White	BH324	2TCZ093010R0010 8
	2-gang TV/ data outlet 5-1000 MHz, RJ45, Cat.5e Flush-mounted box dimension: 35 mm		
	White	BH325	2TCZ093016R0010 8
	1-gang data outlet Cat.5e RJ45 Cat.5e Flush-mounted box dimension: 35 mm		
	White	BH331	2TCZ093007R0010 10
	2-gang data outlet Cat.5e RJ45 Cat. 5e Flush-mounted box dimension: 35 mm		
	White	BH332	2TCZ093013R0010 8
	1-gang data outlet Cat.6 RJ45 Cat. 6 Flush-mounted box dimension: 35 mm		
	White	BH333	2TCZ093008R0010 10
	2-gang data outlet Cat.6 RJ45 Cat. 6 Flush-mounted box dimension: 35 mm		
	White	BH329	2TCZ093014R0010 8

Kalo

Others

Product	Article-No.	Order-No.	Pack/Qty
	Flex Outlet Rated current: 20 A Flush-mounted box dimension: 35 mm		
	White	BH120	2TCZ091099R0070 10
	Flex Outlet 45 A Rated current: 45 A Flush-mounted box dimension: 35 mm		
	White	BH590	2TCZ095006R0090 8
	Fused connection unit unswitched with flex outlet Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH506	2TCZ095003R0040 8
	Fused connection unit switched with flex outlet – illuminated Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH507	2TCZ095004R0040 8
	Fused connection unit switched with flex outlet Rated current: 13 A Flush-mounted box dimension: 35 mm		
	White	BH508	2TCZ095099R0040 8
	1-gang Rotary Dimmer 600 W Flush-mounted box dimension: 35 mm		
	White	BH412	2TCZ094001R0010 5
	Fan Regulator 500 VA Flush-mounted box dimension: 35 mm		
	White	BH422	2TCZ094009R0010 5

Product	Article-No.	Order-No.	Pack/Qty
	1-gang blank plate Flush-mounted box dimension: 35 mm		
	White	BH504	2TCZ095001R0010 20
	2-gang blank plate Flush-mounted box dimension: 35 mm		
	White	BH505	2TCZ095002R0010 20

ocean®

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.



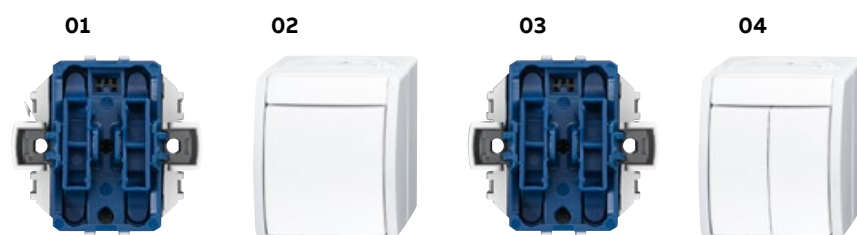
- | | |
|--|---|
| 01 Rocker switch 1-gang | 10 SCHUKO® socket outlet with hinged lid |
| 02 Rocker switch 2-gang | 11 SCHUKO® socket outlet With security lock in hinged lid |
| 03 Rocker switch 1-gang with neutral lens | 12 Socket outlet with earthing pin |
| 04 Rocker switch 1-gang with labelling field | 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. Order No.	Art. No. Order No.	Art. No. Order No.
Suitable for devices 2601/ ... 2621/ ...							
					Neon/incandescent glow lamps with connecting cable.	Neon/incandescent lamps with E-10 thread	
1.	SM switch/push-switch without serial switch	230	0,6		8332-1 ²⁾ 1784-0-0016		
2.	SM switch/push-switch without serial switch	230	1,0		8346-1 ^{1) 2)} 1784-0-0321		
3.	SM serial switch	230	0,6		8339-1 ²⁾ 1784-0-0040		
4.	For SM switch/push-button	24	40		8358 ³⁾ 1784-0-0719		
5.	For SM switch/push-button	12	40		8335-1 ³⁾ 1784-0-0529		
6.	SM switch/push-switch without serial switch	3, 5, 8	40		8333-1 ³⁾ 1784-0-0024		
7.	Light signal/warning indicator	230	1,3			8302 ²⁾ 1780-0-0022	
8.	Light signal	230		3,0		8340 ³⁾ 1784-0-0222	
9.	Light signal	24		2,0		8343 ³⁾ 1784-0-0263	
10.	Light signal	12		1,5		8342 ³⁾ 1784-0-0255	
11.	Light signal	6		1,2		8341 ³⁾ 1784-0-0248	
12.	Illumination insert						2152 NLI-53 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.



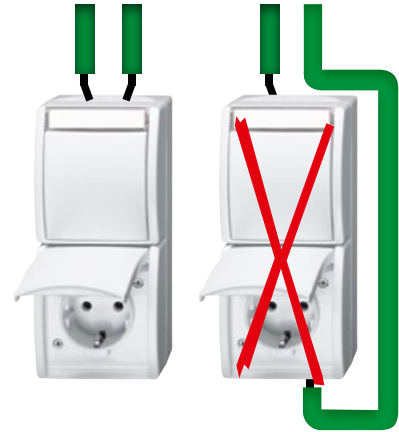
The combination that acts like a single component.

Article-No. 2601/6/20 EW-54

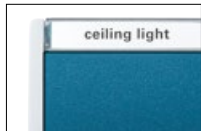
Article-No. 2138 W-54

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.



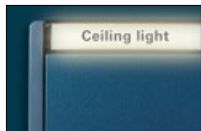
Clear assignment of the consumers

Uniform labelling field for switches and socket outlets (optional).



Easy connection

Large connection area even for 5 x 2.5 mm² 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).

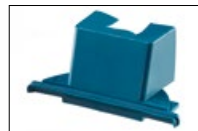


Safe feed-through

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
	Rocker switch ^{1) 2) 3)} 1gang 2way Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
grey / blue-green	2601/6 W-53-500	2CKA001085A1637	10/100
alpine white	2601/6 W-54-500	2CKA001085A1632	10/100


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Rocker switch ^{1) 2) 3)} 2gang 1way Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
grey / blue-green	2601/5 W-53-500	2CKA001085A1633	10/100
alpine white	2601/5 W-54	2CKA001085A1621	10


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Rocker switch ^{1) 2) 3)} 1gang Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
grey / blue-green	2601/7 W-53	2CKA001085A1604	10/100
alpine white	2601/7 W-54	2CKA001085A1620	10


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Rocker switch ^{1) 2) 3)} breaking circuit, 2-pole Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
grey / blue-green	2601/2 W-53	2CKA001085A1605	10/100
alpine white	2601/2 W-54	2CKA001085A1627	10


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Rocker switch ^{1) 2) 3) 4)} 1gang 2way With neutral (transparent) lens. With illumination. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
grey / blue-green	2601/6 WGL-53	2CKA001085A1613	10
alpine white	2601/6 WGL-54	2CKA001085A1626	10


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.⁴⁾ Neon lamp 8346-1 included.

Product	Article-No.	Order-No.	Pack/Qty
	Rocker switch ^{1) 2)} 1gang 2way With labelling field. Labelling field 57.8 x 9.8 mm Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
grey / blue-green	2601/6 WN-53-500	2CKA001085A1635	10/100
alpine white	2601/6 WN-54	2CKA001085A1624	10/100


¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Rocker switch ^{1) 2) 3) 4) 5)} 1gang 2way With red neon lens. With neon lamp. With N terminal. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
grey / blue-green	2601/6 SKW-53-500	2CKA001085A1636	10/100
alpine white	2601/6 SKW-54	2CKA001085A1622	10

¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ Neon lamp 8346-1 included.⁴⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.⁵⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Rocker switch with marking "Heizung" ^{1) 2) 3) 4) 5)} 1gang 2way With red neon lens. With neon lamp. With labelling field. Labelling field 57.8 x 9.8 mm With N terminal. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
grey / blue-green	2601/6 SKWNH-53	2CKA001085A1609	10/100
alpine white	2601/6 SKWNH-54	2CKA001085A1631	10


¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.²⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.³⁾ Neon lamp 8346-1 included.⁴⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.⁵⁾ Neutral labelling field enclosed.

	Rocker switch with marking "Heizung" ^{1) 2) 3) 4) 5)} breaking circuit, 2-pole With red neon lens. With neon lamp. With labelling field. Labelling field 57.8 x 9.8 mm Rated voltage: 250 V~ Rated current: 16 AX Protection class (Device): IP 44		
grey / blue-green	2601/2 SKWNH-53	2CKA001085A1610	10
alpine white	2601/2 SKWNH-54	2CKA001085A1623	10


¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.²⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.³⁾ Neon lamp 8346-1 included.⁴⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.⁵⁾ "Heizung" inscription label also included.

ocean®


IP 44

Product	Article-No.	Order-No.	Pack/Qty
	Push-switch ¹⁾ ²⁾ ³⁾ 1gang 1way SP (operating current), With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 44		
	grey / blue-green 2621 W-53-500	2CKA001484A0382	10/100
alpine white	2621 W-54	2CKA001484A0380	10


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Push-switch ¹⁾ ²⁾ ³⁾ ⁴⁾ 1gang 2way With neutral (transparent) lens. SP, With N terminal. Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current). Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 44		
	grey / blue-green 2621 W-53-206	2CKA001484A0054	10
alpine white	2621 W-54-206	2CKA001484A0377	10


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ Switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.⁴⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Push-switch ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ 1gang 1way With neutral (transparent) lens. With illumination. SP (operating current), With N terminal. Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 44		
	grey / blue-green 2621 WGL-53-500	2CKA001484A0383	10/100
alpine white	2621 WGL-54	2CKA001484A0381	10


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ Push switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.⁴⁾ Neon lamp 8346-1 included.⁵⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


	Push-switch ¹⁾ ²⁾ ³⁾ 1gang 1way SP (operating current), With N terminal. With 2 independent answering contacts. With labelling field. Labelling field 57.8 x 9.8 mm Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 44		
	grey / blue-green 2621 WN-53-201	2CKA001484A0373	10
alpine white	2621 WN-54-201	2CKA001484A0378	10

¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.²⁾ Push switch illuminable by inserting the lamp 8332-1, 8335-1, 8346-1, 8333-1 and 8358.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty
	2gang 1way ¹⁾ ²⁾ ³⁾ 2gang 1way, SP (operating current) 2 actuating covers, 2 x SP, with 2 separate current paths, Without N terminal With labelling field. Labelling field 57.8 x 9.8 mm Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 44		
	grey / blue-green 2621 WN-53-205-101	2CKA001484A0374	10
alpine white	2621 WN-54-205-101	2CKA001484A0379	10

¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI-53.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


Symbol for push-switch For ocean® and All Weather 44 ranges. Protection class (Device): IP 44			
			
without symbol			
clear-transparent	2622 N-101	2CKA001714A0252	10
light			
clear-transparent	2622 LI-101	2CKA001714A0260	10
bell			
clear-transparent	2622 KI-101	2CKA001714A0278	10
key			
clear-transparent	2622 TR-101	2CKA001714A0286	10
Red			
Red	2622-12-101	2CKA001714A0294	10

	Blind switch ¹⁾ ²⁾ ³⁾ Rocker Switch, SP With interlock. With labelling field. Labelling field 57.8 x 9.8 mm Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44		
	grey / blue-green 2601/4 W-53	2CKA001085A1612	10
alpine white	2601/4 W-54	2CKA001085A1625	10

¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Blind switches/push switches prevents fast change over between operating directions.


ocean®

IP 44

Product	Article-No.	Order-No.	Pack/Qty
 Blind switch/push switch, with marking ¹⁾ ²⁾ ³⁾ push-switch, SP With interlock. With labelling field. Labelling field 57.8 x 9.8 mm Rated voltage: 250 V~ Rated current: 10 A Protection class (Device): IP 44			


grey / blue-green	2621/4 W-53	2CKA001442A0469	10
alpine white	2621/4 W-54	2CKA001442A0474	10

¹⁾ Label holder illuminable with illumination insert 2152 NLI-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Blind switches/push switches prevents fast change over between operating directions.

 Busch-Blind control switch/push-switch ¹⁾ ²⁾ ³⁾ ⁴⁾ cover switch, 1gang 2way, DP For profile semi-cylindrical lock. Key push-switch. Key can only be removed in central position. With labelling field. Labelling field 57.8 x 9.8 mm IP 44 only in combination with appropriate cylindrical locks. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44			
---	--	--	--


grey / blue-green	2712 SLW-53	2CKA001101A0916	10
alpine white	2712 SLW-54	2CKA001101A0924	10

¹⁾ Key not removable in end position.²⁾ See semi-cylindrical lock.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.⁴⁾ Labelling strip non-illuminable.

 Key switch ¹⁾ ²⁾ ³⁾ breaking circuit, 1-pole For profile semi-cylindrical lock. In switched-on and switched-off status the key can be pulled out in the central position, respectively. With labelling field. Labelling field 57.8 x 9.8 mm IP 44 only in combination with appropriate cylindrical locks. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44			
---	--	--	--


grey / blue-green	2733 SLW-53	2CKA001101A0917	10
alpine white	2733 SLW-54	2CKA001101A0925	10

¹⁾ See semi-cylindrical lock.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Labelling strip non-illuminable.


 Pull cord switch ¹⁾ ²⁾ ³⁾ 1gang 2way With screw-type terminals. Rated voltage: 250 V~ Rated current: 10 AX Protection class (Device): IP 44			
---	--	--	--

grey / blue-green	2610/6 W-53	2CKA001383A0141	10
alpine white	2610/6 W-54	2CKA001383A0143	10

¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Labelling strip non-illuminable.


Product	Article-No.	Order-No.	Pack/Qty
 Pullcord fastening Spare part for: 2610/6 UJ-21x, 2610/6 AP, 2610/6 W-5x Protection class (Device): IP 20			


	1797	2CKA001799A0592	10
--	-------------	-----------------	----

 Neon indicator ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ with E 10-thread With screw-type terminals. without cover, without lamp, IP 44 only in combination with appropriate covers. Rated voltage: 250 V~ Protection class (Device): IP 44			
---	--	--	--

grey / blue-green	2661 W-53	2CKA001582A0305	10
alpine white	2661 W-54	2CKA001582A0328	10


¹⁾ Label holder 1763-53.²⁾ Label holder illuminable with illumination insert 2152 NLI.³⁾ Indication lamp illuminable using E 10 lamps 8302, 8340, 8341, 8342, 8343.⁴⁾ Use of the intense-light neon lamp 8340 is recommended in the case of red and green covers.⁵⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 Cap for indication lamp 2661 W-53 Protection class (Device): IP 20			
clear-transparent	2863-11-53	2CKA001563A0148	10
Red	2863-12-53	2CKA001563A0149	10
green	2863-13-53	2CKA001563A0150	10

 SCHUKO® socket outlet ¹⁾ ²⁾ with hinged lid With screwless terminals. 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44			
---	--	--	--

grey / blue-green	20 EW-53-500	2CKA002083A0845	10/100
alpine white	20 EW-54-500	2CKA002083A0846	10/100

¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


 SCHUKO® socket outlet ¹⁾ ²⁾ ³⁾ shuttered With screwless terminals. With hinged lid. 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44			
---	--	--	--

grey / blue-green	20 EBW-53	2CKA002083A0842	10/100
alpine white	20 EBW-54	2CKA002083A0843	10


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Increased shock protection.


ocean®


IP 44

Product	Article-No.	Order-No.	Pack/Qty
 SCHUKO® socket outlet ¹⁾ with hinged lid and labelling field With screwless terminals. With labelling field. Labelling field 57.8 x 9.8 mm 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44			
grey / blue-green	20 EWN-53-500	2CKA002083A0848	10/100
alpine white	20 EWN-54	2CKA002083A0831	10/100


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 SCHUKO® socket outlet ¹⁾ with green hinged lid With screwless terminals. 2 P + E, With green hinged lid, SV (RAL 6018). With labelling field. Labelling field 57.8 x 9.8 mm Continuous coloured marking (hinged lid and base). Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44			
grey / blue-green	20 EWN-13-53	2CKA002083A0819	10
alpine white	20 EWN-13-54	2CKA002083A0837	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 SCHUKO® socket outlet ¹⁾ with orange hinged lid With screwless terminals. 2 P + E, With orange hinged lid, ZSV, (RAL 2004). With labelling field. Labelling field 57.8 x 9.8 mm Continuous coloured marking (hinged lid and base). Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44			
grey / blue-green	20 EWN-14-53	2CKA002083A0820	10
alpine white	20 EWN-14-54	2CKA002083A0838	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

 SCHUKO® socket outlet ¹⁾ with red hinged lid With screwless terminals. 2 P + E, With red hinged lid, EDP (RAL 6018). With labelling field. Labelling field 57.8 x 9.8 mm Continuous coloured marking (hinged lid and base). Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44			
grey / blue-green	20 EW/DVN-53	2CKA002083A0825	10
alpine white	20 EW/DVN-54	2CKA002083A0839	10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty
 Combination SCHUKO® socket outlet, with rocker switch ^{1) 2) 3) 4) 5)} 1gang 2way For vertical installation. 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Rated current: 10 AX Protection class (Device): IP 44			
alpine white	2601/6/20 EW-54	2CKA001684A0327	5/50
grey / blue-green	2601/6/20EW-53-500	2CKA001684A0332	5/50

¹⁾ Label holder 1763-53.²⁾ Label holder of the switch illuminable with illumination insert 2152 NLI-53.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.⁴⁾ Terminals of the socket outlet suitable for loop connection in accordance with VDE 0620-1.⁵⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

 Combination SCHUKO® socket outlet, with rocker shutter ^{1) 2) 3) 4) 5)} 1gang 2way For vertical installation. 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Rated current: 10 AX Protection class (Device): IP 44			
grey / blue-green	2601/6/20 EBW-53	2CKA001684A0330	5
alpine white	2601/6/20 EBW-54	2CKA001684A0331	5


¹⁾ Label holder 1763-53.²⁾ Label holder of the switch illuminable with illumination insert 2152 NLI-53.³⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.⁴⁾ Terminals of the socket outlet suitable for loop connection in accordance with VDE 0620-1.⁵⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

 SCHUKO® socket outlet ^{1) 2)} With screwless terminals. With security lock in hinged lid. 2 P + E, lockable, 2 keys. Cannot be screwed on or dismantled in closed condition. approx. 200 different locks (unsorted), Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44			
grey / blue-green	20 EWSL-53	2CKA002083A0822	10/50
alpine white	20 EWSL-54	2CKA002083A0832	10


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

ocean®


IP 44

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet 1) 2) 3) 4) With screwless terminals. With security lock in hinged lid. 2 P + E, Standard lock with 2 identical keys. Cannot be screwed on or dismantled in closed condition. Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
grey / blue-green	20 EWSL-101-53	2CKA002083A0823	10
alpine white	20 EWSL-101-54	2CKA002083A0833	10


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	2 SCHUKO® socket outlets 1) 2) 3) With screwless terminals. 2 P + E, With 2 identical security locks in hinged lid and 2 identical keys. Cannot be screwed on or dismantled in closed condition. geminate approx. 200 different locks (unsorted), Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
grey / blue-green	20/20 EWSL-53	2CKA002083A0816	1/10
alpine white	20/20 EWSL-54	2CKA002083A0836	1


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ For operating 2 different circuits in shared rooms via user's meter.

	SCHUKO® socket outlet 1) 2) 3) 2gang For vertical installation. With screwless terminals. Prewired with hinged lids, 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
grey / blue-green	20-02 EW-53-500	2CKA002084A0729	5/50
alpine white	20-02 EW-54	2CKA002084A0710	5


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ 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
	SCHUKO® socket outlet 1) 2) 3) 4) shuttered 2gang For vertical installation. With screwless terminals. Prewired with hinged lids, 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
grey / blue-green	20-02 EBW-53	2CKA002084A0719	5
alpine white	20-02 EBW-54	2CKA002084A0722	5

¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.⁴⁾ Increased shock protection.

	SCHUKO® socket outlet 1) 2) 2gang For vertical installation. With screwless terminals. Prewired with hinged lids, With labelling field. Labelling field 57.8 x 9.8 mm 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
grey / blue-green	20-02 EWN-53	2CKA002084A0702	5
alpine white	20-02 EWN-54	2CKA002084A0714	5


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

	SCHUKO® socket outlet 1) 2) 2gang For horizontal installation. With screwless terminals. Prewired with hinged lids, 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
grey / blue-green	20/2 EW-53-500	2CKA002084A0726	5/50
alpine white	20/2 EW-54-500	2CKA002084A0727	5/50


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.


ocean®


IP 44

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ¹⁾ ²⁾ ³⁾ shuttered 2gang For horizontal installation. With screwless terminals. Prewired with hinged lids, 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
	grey / blue-green	20/2 EBW-53	2CKA002084A0720 5/50
	alpine white	20/2 EBW-54	2CKA002084A0723 5


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Increased shock protection.

	SCHUKO® socket outlet ¹⁾ 2gang For horizontal installation. With screwless terminals. Prewired with hinged lids, With labelling field. Labelling field 57.8 x 9.8 mm 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
	grey / blue-green	20/2 EWN-53-500	2CKA002084A0728 5/50
	alpine white	20/2 EWN-54	2CKA002084A0715 5/50


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	SCHUKO® socket outlet ¹⁾ 2gang with red hinged lids For horizontal installation. With screwless terminals. 2 P + E, Prewired With red hinged lid, EDP (RAL 6018). With labelling field. Labelling field 57.8 x 9.8 mm Continuous coloured marking (hinged lid and base). Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
	grey / blue-green	20/2 EW/DVN-53	2CKA002084A0700 5
	alpine white	20/2 EW/DVN-54	2CKA002084A0713 5


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ¹⁾ ²⁾ ³⁾ 3gang For horizontal installation. With screw-type terminals. Prewired with hinged lids, 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
	grey / blue-green	2300/3 EW-53-500	2CKA002084A0725 1/10
	alpine white	2300/3 EW-54	2CKA002084A0712 1/10

¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

	SCHUKO® socket outlet ¹⁾ ²⁾ ³⁾ ⁴⁾ shuttered 3gang, For horizontal installation. With screw-type terminals. Prewired with hinged lids, 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
	grey / blue-green	2300/3 EBW-53	2CKA002084A0721 1/10
	alpine white	2300/3 EBW-54	2CKA002084A0724 1/10


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.⁴⁾ Increased shock protection.

	SCHUKO® socket outlet ¹⁾ ²⁾ 3gang For horizontal installation. With screw-type terminals. Prewired with hinged lids, With labelling field. 2 P + E, Labelling field 57.8 x 9.8 mm Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
	grey / blue-green	2300/3 EWN-53	2CKA002084A0704 1/10
	alpine white	2300/3 EWN-54	2CKA002084A0716 1/10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Instead of the SCHUKO® socket outlets, switches, push-switches, light signals, or SCHUKO®-socket outlets with locks can be used.

ocean®


IP 44

Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet ¹⁾ ²⁾ ³⁾ with earthing pin With screwless terminals. With hinged lid. Suitable for the countries like Poland, Czech Republic. 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
	grey / blue-green	20 MW-53-500	2CKA002017A0762 10/100
	alpine white	20 MW-54-500	2CKA002017A0849 10


¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Terminals suitable for loop connection in acc. with IEC 60 884-1.

	Socket outlet ¹⁾ ²⁾ ³⁾ with earthing pin With screw-type terminals. With hinged lid. Shuttered. Suitable for countries like Belgium. 2 P + E, Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 44		
	grey / blue-green	23 MWKS-53-504	2CKA002017A0763 10/100
	alpine white	23 MWKS-54-504	2CKA002017A0842 10


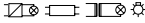
¹⁾ Label holder 1763-53.²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ Terminals suitable for loop connection in acc. with IEC 60 884-1.

	Busch-Nema socket outlet ¹⁾ ²⁾ with yellow hinged lid With screw-type terminals. 2 P + E, With yellow hinged lid (RAL 1018). With labelling field. Labelling field 57.8 x 9.8 mm Rated voltage: 125 V Rated current: 15 A Protection class (Device): IP 44		
	grey / blue-green	3015 EWN-53	2CKA002124A0023 10/100
	alpine white	3015 EWN-54	2CKA002124A0025 10


¹⁾ Use in accordance with US Standard (e.g. in US military barracks).²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

	Busch-Nema socket outlet ¹⁾ ²⁾ with yellow hinged lid With screw-type terminals. 2 P + E, With yellow hinged lid (RAL 1018). With labelling field. Labelling field 57.8 x 9.8 mm Rated voltage: 125 V Rated current: 20 A Protection class (Device): IP 44		
	grey / blue-green	3016 EWN-53	2CKA002124A0024 10
	alpine white	3016 EWN-54	2CKA002124A0026 10


¹⁾ Use in accordance with US Standard (e.g. in US military barracks).²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

Product	Article-No.	Order-No.	Pack/Qty
	Twilight switch ¹⁾ ²⁾ With labelling field. Labelling field 57.8 x 9.8 mm Switch-on/switch-off delay: approx. 3-6 min non-adjustable. Rated voltage: 230 V~ Rated frequency: 50 Hz Rated current: 16 AX Rated power: 3680 W/VA Brightness limit value: 3 Lux - 500 Lux nominal Protection class (Device): IP 44 Temperature range (Device): -35 °C to 55 °C 		
	grey	2240 W-53	2CKA006500A0791 1/10
	alpine white	2240 W-54	2CKA006500A0792 1/10


¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ Labelling strip non-illuminable.

	Housing ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ with labelling field larger installation depth for data communication system, suitable for DCS base 1850 built-in ... 1872 built-in and 1876 built-in, With labelling field. Labelling field 57.8 x 9.8 mm Protection class (Device): IP 44 Mounting depth: 45 mm		
	grey / blue-green	1758 WN-53	2CKA001724A2751 10
	alpine white	1758 WN-54	2CKA001724A4264 10

¹⁾ Not suitable for DCS base 1874 (built-in), 1875 built-in²⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.³⁾ DCS base not included⁴⁾ IP 44 only with closed hinged lid.⁵⁾ Not suited for universal modules 0219.

	Empty box ¹⁾ ²⁾ ³⁾ with labelling field larger installation depth for pilot devices of 22.5 mm diameter, Standard version, Labelling field 57.8 x 9.8 mm Protection class (Device): IP 44 Mounting depth: 60 mm		
	grey / blue-green	2533 WN-53	2CKA001724A2752 10
	alpine white	2533 WN-54	2CKA001724A4281 10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ IP 44 only in combination with appropriate control unit³⁾ * e.g. of the companies Lumitas, Moeller, Schlegel, Rafi, Elan.


	Empty box ¹⁾ ²⁾ ³⁾ with labelling field larger installation depth for pilot devices of 22.5 mm diameter, with yellow cover (RAL 1018), Labelling field 57.8 x 9.8 mm Protection class (Device): IP 44 Mounting depth: 60 mm		
	grey / blue-green	2533 WN-15-53	2CKA001724A2753 10
	alpine white	2533 WN-15-54	2CKA001724A4282 10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.²⁾ IP 44 only in combination with appropriate control unit³⁾ * e.g. of the companies Lumitas, Moeller, Schlegel, Rafi, Elan.


ocean®

IP 44








Accessories

Product	Article-No.	Order-No.	Pack/Qty
	FI-SCHUKOMAT, SCHUKO® socket outlets ¹⁾ ²⁾ ³⁾ with earth leakage circuit breaker Shuttered. Waterproof. Flush-mounted SCHUKOMAT, VDE 0664. DP cut off (P,N) Without PE monitoring. Rated fault current: 30 mA. With fixing claws. Rated frequency: 45-60 Hz. Complete cover, not combinable. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 44 Temperature range (Device): -25 °C to 40 °C		
	alpine white	3120 EUGB-44	2CKA003116A0665 1/10

¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.

²⁾ Terminals suitable for loop through connection.

³⁾ Increased shock protection.






Product	Article-No.	Order-No.	Pack/Qty
	Cable entry double closed Protection class (Device): IP 20		
	blue-green	2134 W-53	2CKA001761A1487 10
	alpine white	2134 W-54	2CKA001761A1507 10
	Cable entry single open Protection class (Device): IP 20		
	blue-green	2136 W-53	2CKA001761A1489 10
	alpine white	2136 W-54	2CKA001761A1508 10
	Cable bushing adapter plate for coupling several devices Protection class (Device): IP 44		
	blue-green	2138 W-53	2CKA001761A1490 10
	alpine white	2138 W-54	2CKA001761A1509 10
	Cable entry high design Protection class (Device): IP 20		
	blue-green	2139 W-53	2CKA001761A1491 10
	alpine white	2139 W-54	2CKA001761A1511 10
	Cable entry For pipes with metric thread M 20 x 1.5. Protection class (Device): IP 44		
	blue-green	2137/10 W-53	2CKA001761A1503 10
	alpine white	2137/10 W-54	2CKA001761A1512 10
	Cable entry For pipes with 20 mm diameter unthreaded. Protection class (Device): IP 44		
	blue-green	2137/11 W-53	2CKA001761A1506 10
	alpine white	2137/11 W-54	2CKA001761A1513 10
	Cable entry Trunking dimension: 15 x 15 mm or 15 x 30 mm. Protection class (Device): IP 20		
	blue-green	2086 W-53	2CKA001761A1492 10
	alpine white	2086 W-54	2CKA001761A1510 10


ocean®

Accessories







Product	Article-No.	Order-No.	Pack/Qty
 Label holder ¹⁾ with neutral foil 57.8 x 9.8 mm for switches and socket outlets in the ocean® program, Protection class (Device): IP 20			
clear-transparent	1763-53	2CKA001799A0882	10
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
 Illumination insert ¹⁾ with LED, with optical fibre for uniform illumination of the label holder 1763-53 Rated voltage: 230 V~ Protection class (Device): IP 20			
clear-transparent	2152 NLI-53	2CKA001784A0777	1
¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com .			
 FI-SCHUKOMAT, SCHUKO® socket outlets ¹⁾ ²⁾ ³⁾ with earth leakage circuit breaker Shuttered. Waterproof. Surface-mounted SCHUKOMAT, VDE 0664 DP cut off (P,N) Without PE monitoring. Rated fault current: 30 mA. Rated frequency: 45-60 Hz. Rated voltage: 230 V~ Rated current: 16 A Protection class (Device): IP 44 Temperature range (Device): -25 °C to 40 °C			
grey	3120 EWB-53	2CKA003116A0664	1
¹⁾ Protective measure according to VDE 0100; can be proven or checked using the Profitest 0100S testing device, for example.			
²⁾ Connecting terminals approved in accordance with VDE 0620-1 as connectors.			
³⁾ Increased shock protection.			
 Mounting plate For individual waterproof/tight SM devices. For fixation with fastening system (fixing screws included in the delivery). Protection class (Device): IP 20			
metal clad	2609 WS	2CKA001716A0042	10

Neon lamps, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
 Glow lamp with connecting cable Suitable for surface-mounted devices 2601/..., 2621/... For SM switch/push button, without 2gang 1way. Rated voltage: 230 V Rated current: 0.6 mA Protection class (Device): IP 20			
	8332-1	2CKA001784A0016	10
 Glow lamp with connecting cable For SM switch/push button, without 2gang 1way. Suitable for surface-mounted devices 2601/..., 2621/... Rated voltage: 230 V Rated current: 1 mA Protection class (Device): IP 20			
	8346-1	2CKA001784A0321	10
 Glow lamp with connecting cable Suitable for surface-mounted devices 2601/4, 2601/5, 2621/4, 2621/...205-101 For SM 2gang 1way. Rated voltage: 230 V Rated current: 0.6 mA Protection class (Device): IP 20			
	8339-1	2CKA001784A0040	100
 Glow lamp with E 10 thread for indication lamps Suitable for flush or surface-mounted devices 2661U, 2661W For indication lamps. Rated voltage: 230 V Rated current: 1.3 mA Rated power: 1.3 mA Protection class (Device): IP 20			
	8302	2CKA001780A0022	100
 Incandescent lamp with E 10 thread very bright, for indication lamps Suitable for flush or surface-mounted devices 2661U, 2661W For indication lamps. Rated voltage: 240 V Rated power: 3 W Rated power: 3 W Protection class (Device): IP 20			
	8340	2CKA001784A0222	100


ocean®

Incandescent lamps, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
	Incandescent lamp with connecting cable Suitable for surface-mounted devices 2601/..., 2621/... For SM switch/push button. Rated voltage: 12 V Rated current: 40 mA Protection class (Device): IP 20		
	8335-1	2CKA001784A0529	100
	Incandescent lamp with connecting cable Suitable for surface-mounted devices 2601/..., 2621/... For SM switch/push button. Rated voltage: 24 V Rated current: 40 mA Protection class (Device): IP 20		
	8358	2CKA001784A0719	10
	Incandescent lamp with connecting cable Suitable for surface-mounted devices 2601/..., 2621/... For SM switch/push button, without 2gang 1way. Rated voltage: 3 V Rated current: 40 mA Protection class (Device): IP 20		
	8333-1	2CKA001784A0024	100
	Incandescent lamp with E 10 thread^{*)} for indication lamps Suitable for flush or surface-mounted devices 2661U, 2661W For indication lamps. Rated voltage: 6 V Rated power: 1.2 W Rated power: 1.2 W		
	8341	2CKA001784A0248	100
*) Phase-out type			
	Incandescent lamp with E 10 thread for indication lamps Suitable for flush or surface-mounted devices 2661U, 2661W For indication lamps. Rated voltage: 12 V Rated power: 1.5 W Rated power: 1.5 W Protection class (Device): IP 20		
	8342	2CKA001784A0255	100
	Incandescent lamp with E 10 thread for indication lamps Suitable for flush or surface-mounted devices 2661U, 2661W For indication lamps. Rated voltage: 24 V Rated power: 2 W Rated power: 2 W Protection class (Device): IP 20		
	8343	2CKA001784A0263	100

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 flush-mounted
comfort sensor, Switch series solo®,
Colour: studio white
- 07 Busch-Watchdog ProfessionalLINE

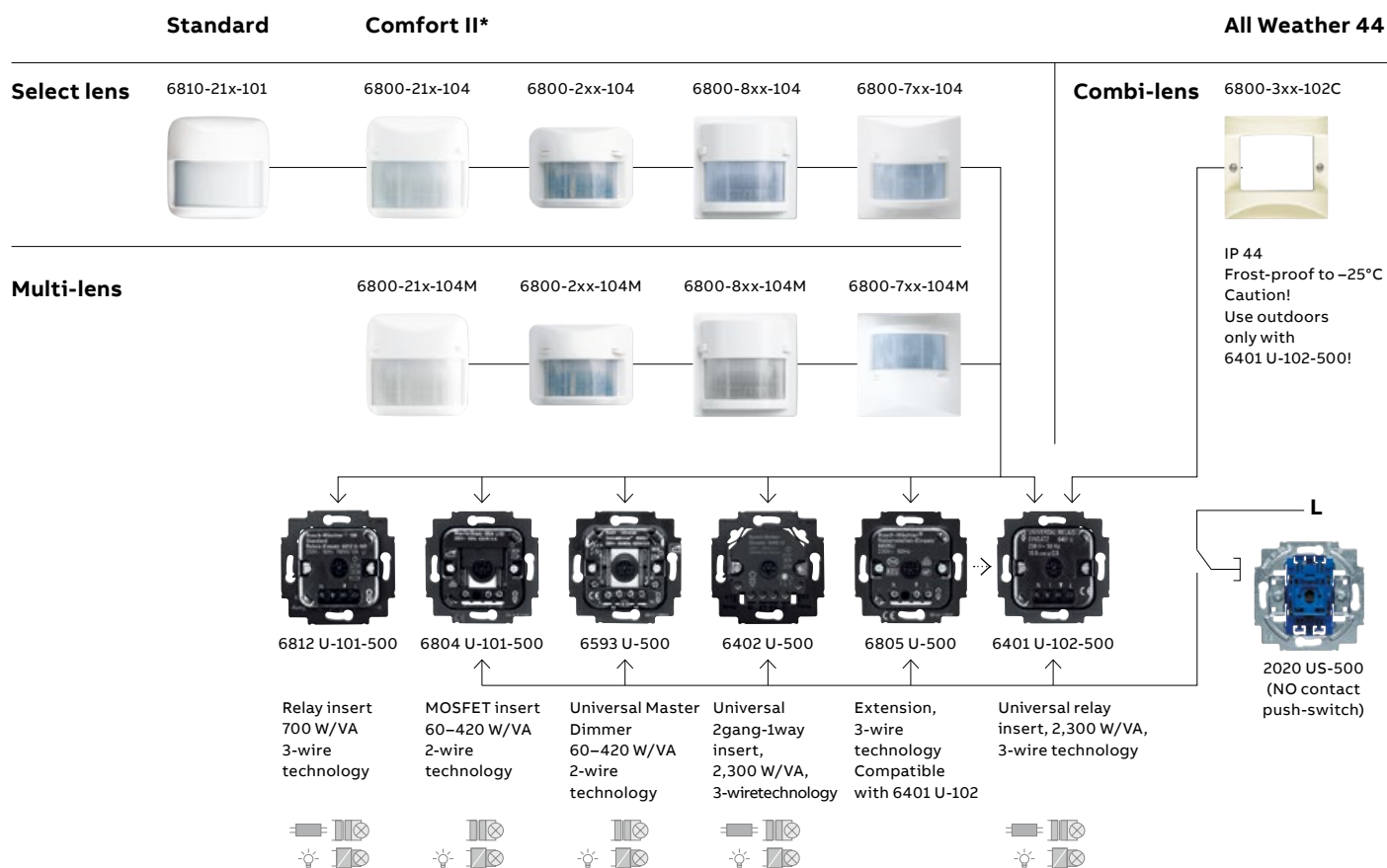


For more information
about light switch
ranges visit ABB
global web sites.

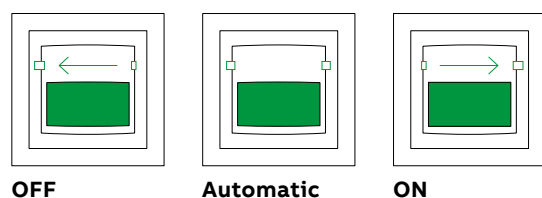
Movement detector

This switch can sense your needs.

Selection guide: the Busch-Watchdog flush-mounted range

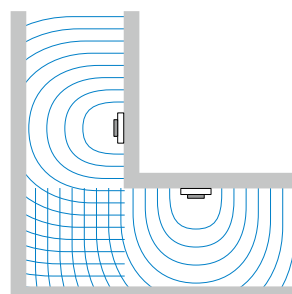


* Switch-off behaviour: In combination with 6593 U (soft OFF function), the Comfort II sensor dims and switches off within 60 seconds.



Slide switch.

Always on, allways off, or automatic mode can be individually selected using the slide switch. Optionally, the slide switch can be fixed to automatic mode using a screw on the back side, e.g. in public buildings.



Application of main and auxiliary units.

If more than only one movement detector is requirement, additional movement detectors can be installed using extension inserts. This makes sense, for example, in the case of L-shaped corridors.

Movement detector

Hands free for the important things Busch-Watchdog 180, flush-mounted.

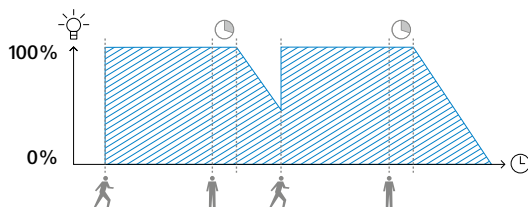
The convenient home help.

The flush-mounted Busch-Watchdog 180 is the ideal movement detector for the stairwell, hall, bathroom and large rooms without a clear overview. It responds as soon as it registers body heat. And leaves no one standing in the dark. It offers a large range of effectiveness, especially during a frontal approach. As soon as someone enters the door, the switching process is triggered. And it automatically switches off again when the person exits the room.

The convenient combination:

The movement detector and dimmer of ABB/Busch-Jaeger do not suddenly leave you in the dark.

Flush-mounted insert: Dimmer 6593 U-500
Busch-Watchdog sensor: 6800-xx-104M



Light whenever needed.

The flush-mounted Busch-Watchdog 180 Comfort does not switch the light off suddenly but, in connection with a Busch-Dimmer®, dims it slowly within a period of 60 seconds. It does this as soon as it no longer detects movement and the set switch-off delay has expired. This switch-off warning means that one does not immediately stand in the dark but has the opportunity to move into the detection range which then switches back to 100% brightness.



Additional information is available in our range and products brochure.

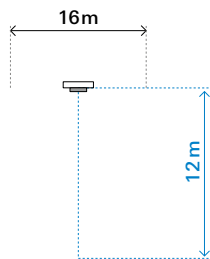
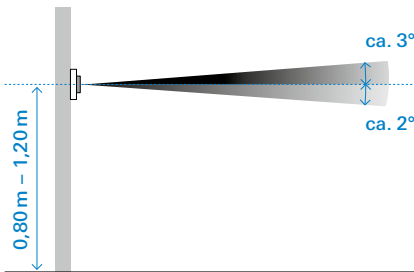
Busch-Watchdog
0001-0-1363

Busch-Watchdog
Presence tech
CWAC000003B0202

Movement detector

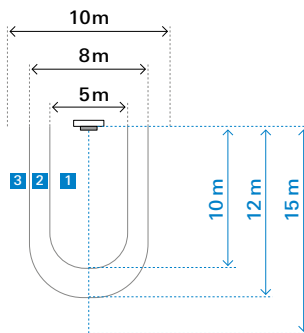
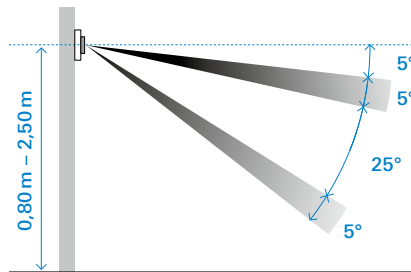
Reliable and uninterrupted surveillance.

Select lens



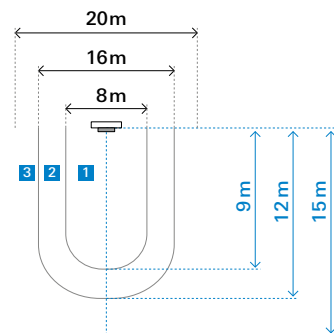
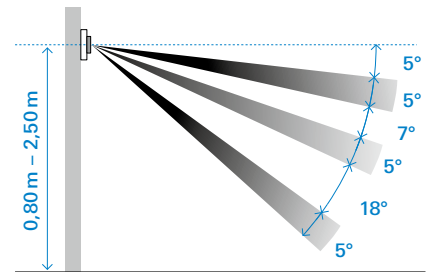
Mounting height of 0.80 m to 1.20 m.

Multi-lens



- 1 Mounting height of 1.20 m.
- 2 Mounting height of 2 m.
- 3 Mounting height of 2.50 m.

Combi-lens



- 1 Mounting height of 1.20 m.
- 2 Mounting height of 2 m.
- 3 Mounting height of 2.50 m.

The optimum shape.

A flush-mounted movement detector must match perfectly with its surroundings while at the same time reliably fulfilling its detecting function. The flush-mounted Busch-Watchdog 180 Standard and the flush-mounted Busch-Watchdog 180 Comfort are optimally designed for this. Not too flat and not too high. Nothing escapes their notice. The flush-mounted Busch-Watchdog 180 Standard is available in the design of the Reflex SI Linear switch range. The flush-mounted Busch-Watchdog 180 Comfort on the other hand is available in almost all Busch-Jaeger switch ranges. It additionally has a comfortable sliding switch for individually setting the light control.

Everything under control.

The flush-mounted Busch-Watchdog 180 offers a large range of effectiveness, especially during a frontal approach. As soon as someone enters the door the switching process is triggered. It switches off automatically when exiting. The detection angle is 180° and extends laterally up to the wall. In spite of its compact dimensions it has a transmission range of 12 m frontal and, depending on the model, from

5 to 8 m lateral. Depending on the spatial conditions, the connection of an additional movement detector is recommended, which is connected as extension unit. For example, when an area that does not lie within the detection range is accessed.

Intelligent combination.

The flush-mounted Busch-Watchdog 180 Comfort in connection with a Busch-Dimmer® does not switch the light off suddenly, but dims it slowly within a period of 60 seconds. The switch-off delay time and twilight value can be flexibly set, it is freely selectable up to 30 minutes.

Three lenses for each surveillance situation.

Depending on design and application the Busch-Watchdog models have three different lenses: select lens, multi-lens and combination lens. With the select lens, for example, domestic animals are not detected in the lower area, the multi-lens also detects persons that are on the stairs and the combination lens detects every angle of the surveillance area.

Movement detector

Reliable and uninterrupted surveillance.

The right model for each task.

The select lens.

Monitors an area above approx. 1.20 m.
Small animals are therefore not detected.
Mounting height: 0.80m to 1.20m
Detection zone: 12m frontal, 8m to each side

The multi-lens.

Due to its detection range it also detects persons on a staircase.
Mounting height: 1.20m
Detection zone: 10m frontal, 2.50m to each side
Mounting height: 2m
Detection zone: 12m frontal, 4m to each side
Mounting height: 2.50m
Detection zone: 15m frontal, 5m to each side

The combination lens. (Only All Weather 44)

Makes possible the largest detection of the area to be monitored.
Mounting height: 1.20m
Detection zone: 9m frontal, 4m to each side
Mounting height: 2m
Detection zone: 12m frontal, 8m to each side
Mounting height: 2.50m
Detection zone: 15m frontal, 10m to each side

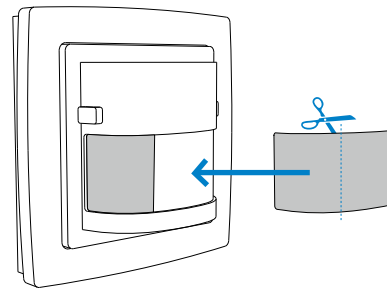


01



02

- 01 Busch-Watchdog 180 flush mounted standard sensor
- 02 Busch-Watchdog 180 flush mounted comfort sensor



Reducing the detection range of the Busch-Watchdog with the covering foil.

Movement detector

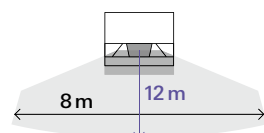
Busch-Watchdog surface-mounted.

Overview of Busch-Watchdog, surface-mounted, detection zones

**Busch-Watchdog
70 MasterLINE**
6854 AGM-...-500

**Busch-Watchdog
110 MasterLINE**
6855 AGM-...-500

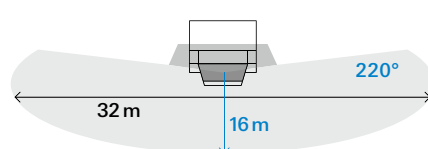
**Busch-Watchdog 90
ProfessionalLINE**
6853 AGM-...-500



**Busch-Watchdog
220 MasterLINE**
6847/11 AGM-...-500

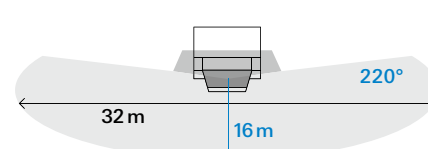
**Busch-Watchdog
220 WaveLINE**
6847 AGM-...-500

**Busch-Watchdog 220
ProfessionalLINE**
6845/11 AGM-...-500

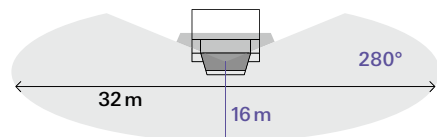


**Busch-Watchdog
220 MasterLINE KNX**
6179/01-...-500

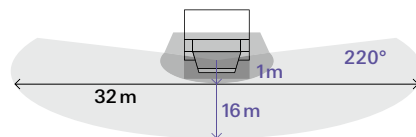
**Busch-Watchdog 220 MasterLINE
KNX premium**
6179/02-...-500



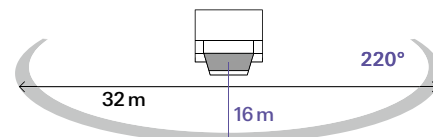
**Busch-Watchdog
280 MasterLINE**
6867 AGM-...-500



**Busch-Watchdog
220 MasterLINE premium.**
6848 AGM-...-500



**Busch-Watchdog
220 MasterLINE select.**
6847 AGS-204-500



Overview Busch-Watchdog surface-mounted



01



02



03



04



05



06



07



08



09



10

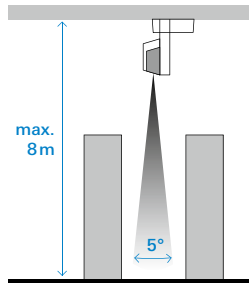
- 01 Busch-Watchdog 70 and 110 MasterLINE, white
- 02 Busch-Watchdog 70 and 110 MasterLINE, anthracite
- 03 Busch-Watchdog 70 and 110 MasterLINE, brown
- 04 Busch-Watchdog 70 and 110 MasterLINE, silver metallic

- 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

Movement detector

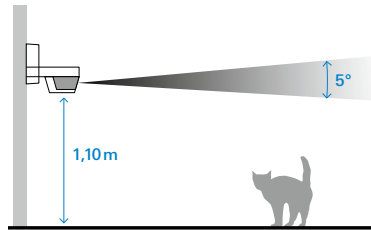
The angle is what matters. Mounting and detection ranges.

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.



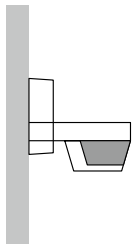
Sees everything.

Except small animals.

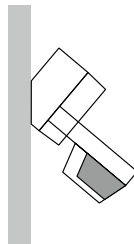
Practical for the surveillance of outdoor areas: At a mounting height of 1.10 m with a horizontal alignment small animals are not detected by the Busch-Watchdog 220 MasterLINE select.

Mounting possibilities

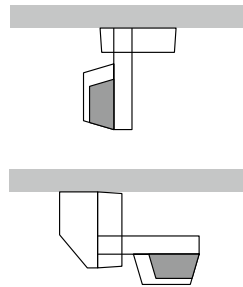
01



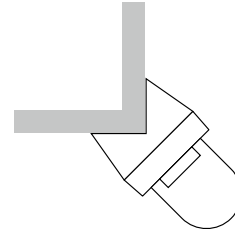
02



03



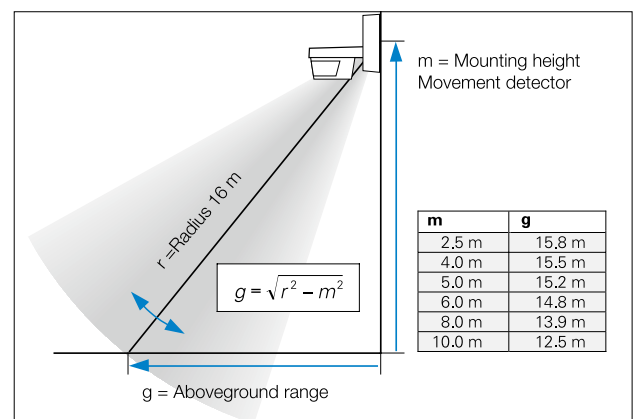
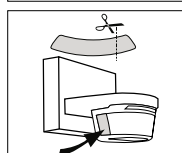
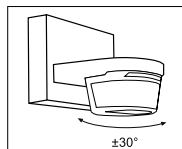
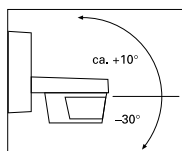
04



- 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

Compact devices for almost every application.



Busch-Watchdog Presence tech

Versatile due to modular construction.



Busch-Watchdog Presence tech BasicLINE

For small offices, toilets, pass-through areas and dedicated applications.



Busch-Presence detectors KNX

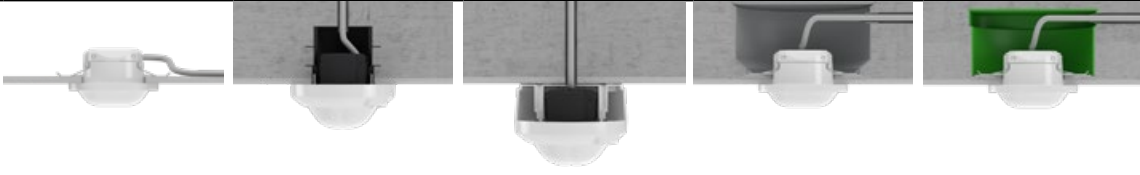










Expertise always works. Almost unnoticed.



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	Flush-mounted installation box VDE	Surface mounted	In-situ concrete	Precast concrete slabs
Notes	Ø 68 mm drill hole diameter			Mounting via special concrete installation boxes	Mounting via special concrete installation boxes
Necessary accessories		KNX: Intermediate ring 6131/38	Surface-mounting box 6885 or Surface-mounting box 6888 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 X Presence tech BasicLINE mini	X	–	–	X	–
 Busch-Watchdog X Presence tech BasicLINE	X	X	–	X	X
 Busch-Watchdog X Presence tech BasicLINE Corridor	X	X	X	X	X
 Busch-Watchdog – Presence tech	X	X	X	X	X
 Busch-Presence detectors 230 V	X	–	–	X	X
 Busch-Presence detector KNX	X	X	X	X	X
 Busch-Presence detector mini KNX	X	X	X	X	X
 Busch-Presence detector Corridor KNX	X	X	X	X	X
 Busch-Watchdog X Sky, KNX	X	X	X	X	X

Movement detector

ABB Watchdog Remote control.

The new generation of ABB presence detectors with integrated Bluetooth interface can be remotely controlled and parameterised via a smartphone or tablet APP. For example the following functions are adjustable:

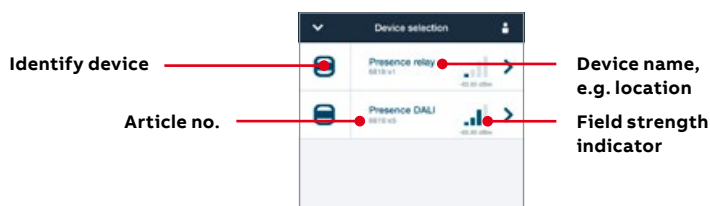
01 Selection of the presence detector to be controlled, via the device list with field strength display and fast identification push button.

02 Direct switching and dimming of the connected load

03 Energy monitor (rough overview of energy cost with / without presence detectors)

04 Sensitivity of sensors

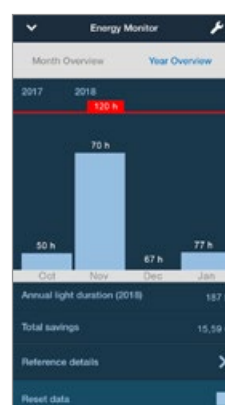
05 test mode



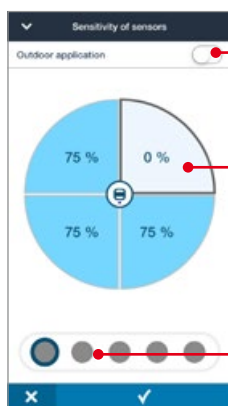
01



02



03

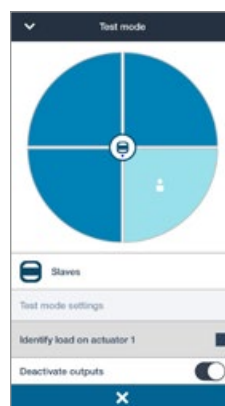


04

Outdoor mounting,
e.g. under canopy

4 PIR sensors
in 4 quadrants
with different
sensitivities

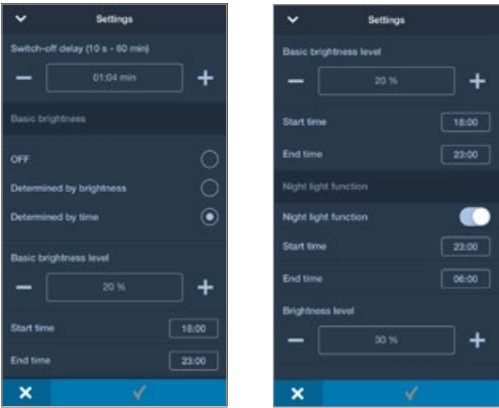
Set sensitivity



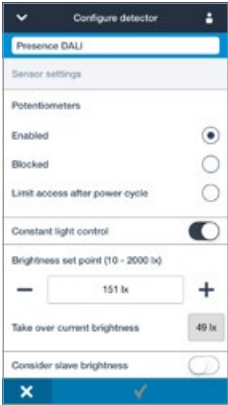
05



- 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

Module principle of the electronic inserts and control elements.

	Flush-mounted insert	Switching/dimming capacity	Timer control element	
				
			Comfort timer control element 6455-101-500	Standard timer control element 6456-101
Switching	Universal Relay Switch Insert 6401 U-102	2300 W/VA All loads 10 AX	X Timer with maintained contact (for switching lights, pumps etc.)	
	Universal 2gang-1way Insert 6402 U	2300 W/VA All loads 10 AX		
	Relay Switch Insert 6812 U-101	700 W/VA All loads 3 A		
	MOSFET Insert 6804 U-101	60–240 W/VA, 230 V incandescent and halogen lamps, low-voltage halogen lamps with or Busch-electronic transformers		
	Extension Insert 6805 U	Active Watchdog extension for 6401 U-102, 6402 U, 6804 U-101, 6593 U, and 6550 U-101		
Dimming	Universal Master Dimmer Insert 6593 U	60–420 W/VA, increase with 6594 U up to 735 W/VA 230 V incandescent and halogen lamps, low-voltage halogen lamps with conventional or Busch-electronic transformers	X (Timer with adjustable brightness values)	
	LED-Touch dimmer insert 6524 U		X	
	Memory Touch-Type Controller 6550 U-101	ECG = 0/1–10 V, LEDs with ballast units, 700 W/VA, higher contact load possible with external relay, 50 mA control current	X (Timer with adjustable brightness values)	
	Memory 2gang Dimmer 6565 U	2 x 40–315 W/VA, 230 V incandescent and halogen lamps, low-voltage halogen lamps with electronic transformer		
	Memory Touch Dimmer 6560 U-101	20–500 W/VA, 230 V incandescent and halogen lamps, low-voltage halogen lamps with conventional transformer		
Blind	Blind Basic Insert 6418 U	690 VA, 3 A at cos ϕ 0,5	X (timer with 3-minute contact for shutter, motors or blinds)	
	Blind Control II Insert 6411 U-101/ 6411 U/S-101	690 VA, 3 A at cos ϕ 0,5	X (timer with 3-minute contact for shutter, motors or blinds)	



X Combination possible

*Optional remote-controllable by IR with 6010-25 or Beo6 remote control of Bang & Olufsen.



Control element							
							
Busch-Watchdog sensor All Weather 44 with combi-lense 6800-3x-102C	Busch-Watchdog comfort sensor (multilens) 6800-xxx-104(M)	Busch-Watchdog standard sensor 6810-21x	Busch-Remote control IR control element 6067-xxx-xxx	Busch-Remote control IR control element 6066-xxx-xxx	Busch-Blind control II control element 6430-xxx-xxx	Control Element for Memory 2gang Dimmer 6545-xxx	Busch-Touch dimmer control element 6543-xxx-10x
X (only 6401 U-102 for outdoor use, frost-proof up to -25°C)	X	X	X*) (latching relay)				X (latching relay)
	X (Output 2 with switch-on/switch-off delay in relation to Output 1)	X (Output 2 with switch-on/switch-off delay in relation to Output 1)	X*) (latching relay, 2 normally open contacts, separate slave contact for light and fan control)	X*) (electronic serial switch, remote-controllable, 2 normally open contacts)	X (electronic serial switch, 2 normally open contacts)		X (latching relay, 2 normally open contacts, separate slave contact for light and fan control)
	X	X					
	X	X					
	X	X					
	X (Soft OFF mode: dim down/switch off within the final minute/switch-off warning)	X		X			X
				X			X
X	X	X		X			X
						X	
							X
					X		
				X	X		

Movement detector

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 70 MasterLINE 1) Electronic movement detector for detecting thermal motion. With display for detection and operation mode. With ground surveillance. With high-quality lens for optimum detection. Adjustment of detection range via rotary control element. Surveillance density: 25 sectors with 100 switching segments. With integrated dismantling protection. With brightness-independent test mode for evaluating the detection zone. Additional possibility for switch-on via normally open push-button switch. Switch-off delay option: 1 / 3 or 5 min. 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: 6 AX, cos φ 0.6 Rated power: 1380 W/VA Detection range: frontal: 12 m, lateral: 4 m Brightness limit value: 3 Lux Up to 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): 100 mm x 125 mm x 33 mm 		
	brown	6854 AGM-201-500	2CKA006800A2549 1
	white	6854 AGM-204-500	2CKA006800A2546 1/10
	silver metallic	6854 AGM-208-500	2CKA006800A2547 1
	anthracite	6854 AGM-35-500	2CKA006800A2548 1

¹⁾In combination with a relay/contactator, an RC suppressor 6899 has to be used.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 110 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 surveillance. With high-quality lens for optimum detection. Detection sensitivity adjustable via IR service remote control. Adjustment of detection range via rotary control element. Surveillance density: 25 sectors with 100 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 Detection range: frontal: 12 m, lateral: 4 m Brightness limit value: 3 Lux Up to 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): 100 mm x 125 mm x 33 mm 		
	brown	6855 AGM-201-500	2CKA006800A2614 1
	white	6855 AGM-204-500	2CKA006800A2611 1
	silver metallic	6855 AGM-208-500	2CKA006800A2612 1
	anthracite	6855 AGM-35-500	2CKA006800A2613 1

¹⁾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	6847/11AGM-204-500	2CKA006800A2524	1/10
silver metallic	6847/11AGM-208-500	2CKA006800A2525	1
anthracite	6847/11AGM-35-500	2CKA006800A2526	1
brown	6847/11AGM-201-500	2CKA006800A2527	1

incl. IR remote control

brown	6847 AGM-201-500	2CKA006800A2535	1
white	6847 AGM-204-500	2CKA006800A2532	1/10
silver metallic	6847 AGM-208-500	2CKA006800A2533	1
anthracite	6847 AGM-35-500	2CKA006800A2534	1/10

¹⁾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)


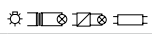
incl. IR remote control
 With anthracite-coloured lens.
 Electronic movement detector for detecting thermal motion.
 Remote control possible via IR remote control 6841-101 (included in scope of delivery).
 Remote configurable via IR service remote control 6842-101.
 With display for detection and operation 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	6847/8 AGM-204-500	2CKA006800A2600	1


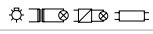
¹⁾In combination with a relay/contactator, an RC suppressor 6899 has to be used.

Movement detector

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 220 MasterLINE select 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 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	6847 AGS-204-500	2CKA006800A2537 1

¹⁾In combination with a relay/contactator, an RC suppressor 6899 has to be used.


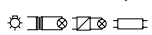
Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 220 MasterLINE premium 1) 2) incl. IR remote control Electronic movement detector for detecting thermal motion. For potential-free operation. With 2-zone detection and 2 separate switching outputs. With connectable, movement-independent twilight 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	6848 AGM-201-500	2CKA006800A2581 1
white	6848 AGM-204-500	2CKA006800A2578	1
silver metallic	6848 AGM-208-500	2CKA006800A2579	1
anthracite	6848 AGM-35-500	2CKA006800A2580	1

¹⁾In combination with a relay/contactator, an RC suppressor 6899 has to be used.


²⁾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
	Busch-Watchdog 280 MasterLINE 1) incl. IR remote control 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: 110 sectors with 440 switching segments. With integrated dismantling protection. All functions controlled by microprocessor. Always-On (4 hours) and Presencesimulation 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: 280 ° 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	6867 AGM-201-500	2CKA006800A2557 1
	white	6867 AGM-204-500	2CKA006800A2554 1/10
	silver metallic	6867 AGM-208-500	2CKA006800A2555 1
	anthracite	6867 AGM-35-500	2CKA006800A2556 1

¹⁾In combination with a relay/contactator, an RC suppressor 6899 has to be used.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 220 WaveLINE 1) 2) 3) 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. Compatible with WaveLINE KNX gateway TP-RF 6770. 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. Rated voltage: 4.5 V- 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		
	brown	6747 AGM-201-500	2CKA006700A0038 1
	alpine white	6747 AGM-204-500	2CKA006700A0035 1
	silver metallic	6747 AGM-208-500	2CKA006700A0036 1
	anthracite	6747 AGM-35-500	2CKA006700A0037 1


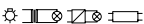
¹⁾ Battery included in delivery.

²⁾ Battery type: Lithium batteries 1250 mAh (L92 AAA 1.5 V).


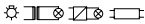
³⁾ Cannot be combined with ceiling/corner adapter 6868-...

Movement detector

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 90 ProfessionalLINE 1) Electronic movement detector for detecting thermal motion. With display for detection and operation mode. With ground and rear-field detection. With planar compensation: +/- 30°. With high-quality lens for optimum detection. Surveillance density: 50 sectors with 200 switching segments. With brightness-independent test mode for evaluating the detection zone. Additional possibility for switch-on via normally open push-button switch. Switch-off delay option: 1 / 3 or 5 min. 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: 12 m, lateral: 6 m Detection angle: 90 ° Brightness limit value: 3 Lux / 15 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): 97 mm x 97 mm x 159 mm 		
	brown	6853 AGM-201	2CKA006800A2318 1
	alpine white	6853 AGM-204-500	2CKA006800A2321 1/10
	anthracite	6853 AGM-35-500	2CKA006800A2322 1



¹⁾In combination with a relay/contactator, an RC suppressor 6899 has to be used.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 220 ProfessionalLINE 1) without IR remote control Electronic movement detector for detecting thermal motion. With display for detection and operation mode. With ground and rear-field detection. With planar compensation: +/- 30°. With high-quality lens for optimum detection. Detection sensitivity selectable in 3 steps. Surveillance density: 84 sectors with 336 switching segments. All functions controlled by microprocessor. Always-On (4 hours) and Presencesimulation can be activated via IR-remote control. With automatic range stabilization. With automatic interference suppression. With automatic dazzle-proofing. With brightness-independent test mode for evaluating the detection zone. 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): 97 mm x 97 mm x 159 mm 		
	alpine white	6845/11AGM-204-500	2CKA006800A2334 1/10
	brown	6845/11AGM-201-500	2CKA006800A2335 1
	anthracite	6845/11 AGM-35-500	2CKA006800A2336 1



¹⁾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
	WaveLINE switch actuator, 1gang, with extension unit ¹⁾ 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. For one WaveLINE 6720-6x window sensor per actuator output (no OR function of the programmed detectors). For one WaveLINE 6721-6x universal detector per actuator output (no OR function of the programmed detectors). Compatible with WaveLINE KNX gateway TP-RF 6770. 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, Part 1. 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): -20 °C to 45 °C Dimensions: (L x W x D): 47 mm x 48 mm x 22 mm Mounting depth: 25 mm 		
	studio white	6701-101-500	2CKA006700A0040 1/10

¹⁾ For further information please check the current Online-Catalogue.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog Presence tech BasicLINE ¹⁾ Electronic movement detector for detecting thermal motion. Additional possibility for switch-on via normally open push-button switch. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 1000 W Suitable for: 230 V halogen lamps Rated power: 2000 W Suitable for: Fluorescent lamps Rated power: 1000 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	6844 AGM-204-500	2CKA006800A2507 1

¹⁾ In combination with a relay/contactors, an RC suppressor 6899 has to be used.

	Ceiling/corner adapter For Busch-Watchdog 220 MasterLINE. For Busch-Watchdog 220 MasterLINE select. For Busch-Watchdog 220 MasterLINE premium. For Busch-Watchdog 280 MasterLINE. For Busch-Watchdog 220 MasterLINE KNX. For Busch-Watchdog 220 MasterLINE KNX premium. 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. For flush or surface wiring. Mounting height: 2.5 m Dimensions: (L x W x D): 102 mm x 125 mm x 55 mm		
	brown	6868-201-500	2CKA006800A2565 1
	white	6868-204-500	2CKA006800A2562 1
	silver metallic	6868-208-500	2CKA006800A2563 1
	anthracite	6868-35-500	2CKA006800A2564 1

	IR remote control ¹⁾ For Busch-Watchdog 110 MasterLINE. For Busch-Watchdog 220 MasterLINE. For Busch-Watchdog 220 MasterLINE select. For Busch-Watchdog 220 MasterLINE premium. For Busch-Watchdog 280 MasterLINE. The following functions can be activated: Activating/deactivating light ON for 4 hours. Activating/deactivating light for 4 hours. Activating/deactivating presence simulation. 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. Rated voltage: 3 V- Protection class (Device): IP 40 Temperature range (Device): 0 °C to 45 °C Dimensions: (L x W x D): 86 mm x 40 mm x 7 mm		
		6841-101-500	2CKA006800A2585 1

¹⁾ Battery included in delivery.



Movement detector

Busch-Watchdog, surface-mounted

Product	Article-No.	Order-No.	Pack/Qty
	IR service remote control ¹⁾ For Busch-Watchdog 110 MasterLINE. For Busch-Watchdog 220 MasterLINE. For Busch-Watchdog 220 MasterLINE select. For Busch-Watchdog 220 MasterLINE premium. For Busch-Watchdog 280 MasterLINE. The following functions/settings can be activated depending on device type: Activating/deactivating light ON for 4 hours. Activating/deactivating light for 4 hours. Activating/deactivating presence simulation. 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 Temperature range (Device): 0 °C to 45 °C Dimensions: (L x W x D): 125 mm x 56 mm x 10 mm		
	6842-101-500	2CKA006800A2583	1

¹⁾ Battery included in delivery.

Presence detector



Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog Presence tech BasicLINE mini ^{1) 2)} For switching lighting systems that depend on brightness and movement. Detection range (installation height 3m, up to 6m in diameter). Low mounting height due to separate sensor/actuator concept. Continuously variable detection sensitivity. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Ceiling installation using integrated spring bracket. Surveillance density: 19 sectors with 76 switching segments. Switch-off delay: approx. 1 sec - 15 min or short-time pulse adjustable. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 2000 W Suitable for: Energy-saving bulbs Rated power: 7 - 400 W Suitable for: Fluorescent lamps Rated current: 4 AX, cos φ 0.5 Rated power: 1000 W/VA Detection angle: 360 ° Brightness limit value: 10 Lux - 1000 Lux , Daytime operation Mounting height: 2 m - 5 m Protection class (Device): IP 20 Protection class (Sensor): IP 40 Temperature range (Device): 0 °C to 45 °C Mounting depth: 77 mm IEC 60669-2-1 		
alpine white	6811 EB-500	2CKA006800A2517	1

¹⁾ When mounting the actuator through the drilled hole of the sensor an installation depth of ≥ 205 mm is to be taken into account.

²⁾ In combination with a relay/contactors, an RC suppressor 6899 has to be used.



Movement detector

Presence detector

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog Presence tech BasicLINE 1) 2) 3) For switching lighting systems that depend on brightness and movement. Detection range (for installation height of 3 m), circular, up to 8 m in diameter. For semiautomatic and fully automatic operation. Additional activation/deactivation possibility through pushbutton input. Adaptation of the detection range possible using the included masking elements. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Mounting possibility in combination with built-in installation boxes and device sockets. Ceiling installation using integrated spring bracket. Adjustment elements accessible on the front side. Low mounting height (31 mm) Surveillance density: 32 sectors with 128 switching segments. Switch-off delay: approx. 5 sec - 30 min or short-time pulse adjustable. 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 Rated power: 2000 W Suitable for: Energy-saving bulbs Rated power: 7 - 400 W Suitable for: Fluorescent lamps Rated current: 4 AX, cos φ 0.5 Rated power: 1000 W/VA Detection angle: 360 ° Brightness limit value: 10 Lux - 2000 Lux Mounting height: 2 m - 4 m Protection class (Device): IP 40 Temperature range (Device): 0 °C to 45 °C Dimensions: (L x W x D): 111 mm x 111 mm x 59 mm Mounting depth: 41 mm60669-2-1 		
	alpine white	6814 U-500	2CKA006800A2518 1/24

¹⁾ The detection range with a central approach is reduced.

²⁾ In combination with a relay/contactator, an RC suppressor 6899 has to be used.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog Presence tech BasicLINE Corridor 1) 2) 3) For switching lighting systems that depend on brightness and movement. Detection range (for installation height of 2.5 m, circular, up to 24 m in diameter). Additional activation/deactivation possibility through pushbutton input. Adaptation of the detection range possible using the included masking elements. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. With automatic motion detection. With automatic sensitivity adaptation. Mounting possibility in combination with built-in installation boxes and device sockets. Ceiling installation using included dust protection socket. Adjustment elements accessible on the front side. Surveillance density: 215 sectors with 860 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Use outdoors possible due to combination with surface-mounted housing 6888. 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 Rated power: 2000 W Suitable for: Energy-saving bulbs Rated power: 7 - 400 W Suitable for: Fluorescent lamps Rated current: 4 AX, cos φ 0.5 Rated power: 1000 W/VA Detection angle: 360 ° Brightness limit value: 10 Lux - 2000 Lux Mounting height: 2 m - 3 m Protection class (Device): IP 40 Temperature range (Device): -20 °C to 45 °C Dimensions: (L x W x D): 110 mm x 110 mm x 70 mm Mounting depth: 48 mmIEC 60669-2-1 		
	alpine white	6818 U-500	2CKA006800A2519 1/18

¹⁾ The maximum detection range depends on the mounting site and ambient conditions.


²⁾ The detection range with a central approach is reduced.


³⁾ In combination with a relay/contactator, an RC suppressor 6899 has to be used.

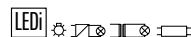
Surface-mounting box For Busch-Watchdog Presence tech BasicLINE Corridor 6818 U. For surface mounting and increase of the protection type. Protection class (Device): IP 54 Temperature range (Device): -20 °C to 45 °C Dimensions: (L x W x D): 106 mm x 106 mm x 26 mm			
alpine white	6888	2CKA006899A2305	1/90

Movement detector

Presence detector

Product	Article-No.	Order-No.	Pack/Qty
	Protective basket For ceiling presence detectors. for Busch-Watchdog Presence tech (6813-101-500), For Busch-Watchdog Presence tech Dualline 6813/11-xxx. 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. Also applicable in connection with surface-mounted housings 6885-xxx and 6888. For Busch-Presence detector mini KNX 6131/20-xxx and 6131/21-xxx. 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. Dimensions: (L x W x D): 180 mm x 180 mm x 98 mm		
	alpine white	6898	2CKA006899A2304 1/12

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Presence detector Compact, relay ¹⁾ ²⁾ ³⁾ 8 metres Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With power relays for LED operation. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 6.5 m, walking persons: up to Ø 8 m. Extension of the detection range by means of master/slave combination. Visible height 23 mm. For semiautomatic 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. 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. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 48 sectors with 496 switching segments. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 2300 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 10 AX, cos φ 0.9 Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 72 mm Mounting depth: 49 mm60669-2-1		
	studio white matt	6819/60-24-500	2CKA006800A2733 1
	aluminium silver	6819/60-183-500	2CKA006800A2767 1




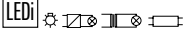
¹⁾ The detection range with a central approach is reduced.

²⁾ In combination with a relay/contact, an RC suppressor 6899 has to be used.

³⁾ 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


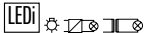
Presence detector

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Presence detector Universal, relay ¹⁾ ²⁾ ³⁾ 12 meters Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With power relays for LED operation. 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. Visible height 23 mm. For semiautomatic 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. 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. 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. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 2300 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 10 AX, cos φ 0.9 Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 72 mm Mounting depth: 49 mm60669-2-1 		
	studio white matt	6819/30-24-500	2CKA006800A2735 1
aluminium silver	6819/30-183-500	2CKA006800A2769	1

¹⁾ The detection range with a central approach is reduced.

²⁾ In combination with a relay/contact, an RC suppressor 6899 has to be used.

³⁾ 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
	Busch-Presence detector Compact, e-contact ¹⁾ ²⁾ 8 metres Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With electronic switch contact for LED operation. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 6.5 m, walking persons: up to Ø 8 m. Extension of the detection range by means of master/slave combination. Visible height 23 mm. For semiautomatic 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. 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. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 48 sectors with 496 switching segments. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 3 - 200 W Suitable for: 230 V~ LEDi Rated power: 3 - 200 W/VA Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 59 mm Mounting depth: 36 mm60669-2-1 		
	studio white matt	6817/62-24-500	2CKA006800A2737 1
aluminium silver	6817/62-183-500	2CKA006800A2771	1

¹⁾ The detection range with a central approach is reduced.

²⁾ 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
	Busch-Presence detector Universal, e-contact ¹⁾ ²⁾ 12 meters Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With electronic switch contact for LED operation. 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. Visible height 23 mm. For semiautomatic 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. 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. 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. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 3 - 200 W Suitable for: 230 V~ LEDi Rated power: 3 - 200 W/VA Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 59 mm Mounting depth: 36 mm60669-2-1		
	   		
	studio white matt	6817/32-24-500	2CKA006800A2739 1
aluminium silver	6817/32-183-500	2CKA006800A2773	1

¹⁾ The detection range with a central approach is reduced.

²⁾ 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
	Busch-Presence detector Corridor, relay ¹⁾ ²⁾ 24 meters Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With power relays for LED operation. 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. Mounting height 27 mm. For semiautomatic 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. 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. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 92 sectors with 368 switching segments Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 2300 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 10 AX, cos φ 0.9 Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 mm60669-2-1		
	    		
	studio white matt	6819/50-24-500	2CKA006800A2797 1
aluminium silver	6819/50-183-500	2CKA006800A2799	1

¹⁾ In combination with a relay/contact, an RC suppressor 6899 has to be used.

²⁾ 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
	Busch-Presence detector Universal BT, relay ¹⁾ ²⁾ ³⁾ ⁴⁾ 12 meters 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): 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. Visible height 23 mm. 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. 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 teach-in function of the brightness switching threshold, IR service remote control required. 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. Individual deactivation and adjustment of sensitivity of individual sensors possible. 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. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 2300 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 10 AX, cos φ 0.9 Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 72 mm Mounting depth: 49 mm60669-2-1		
	 Bluetooth      		
	studio white matt	6819/31-24-500	2CKA006800A2741 1
aluminium silver	6819/31-183-500	2CKA006800A2775	1

¹⁾ The detection range with a central approach is reduced.

²⁾ In combination with a relay/contact, an RC suppressor 6899 has to be used.

³⁾ Free app for iOS and Android available in the App Store or Play Store.

⁴⁾ 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
	Busch-Presence detector Universal BT, e-contact ¹⁾ ²⁾ ³⁾ 12 meters 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 electronic switch contact for LED operation. With selectable soft ON/OFF function. 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. Visible height 23 mm. 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. 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 teach-in function of the brightness switching threshold, IR service remote control required. 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. Individual deactivation and adjustment of sensitivity of individual sensors possible. 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. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 3 - 200 W Suitable for: 230 V~ LEDi Rated power: 3 - 200 W/VA Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 59 mm Mounting depth: 36 mm60669-2-1		
	 Bluetooth      		
	studio white matt	6817/33-24-500	2CKA006800A2743 1
aluminium silver	6817/33-183-500	2CKA006800A2777	1


¹⁾ The detection range with a central approach is reduced.

²⁾ Free app for iOS and Android available in the App Store or Play Store.

³⁾ 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
	Busch-Presence detector Universal BT, e-contact with sealing ring ¹⁾ ²⁾ ³⁾ 12 meters 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 electronic switch contact for LED operation. With selectable soft ON/OFF function. 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. Visible height 23 mm. 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. 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 teach-in function of the brightness switching threshold, IR service remote control required. 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. Individual deactivation and adjustment of sensitivity of individual sensors possible. 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. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 3 - 200 W Suitable for: 230 V~ LEDi Rated power: 3 - 200 W/VA Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux Mounting height: 2 m - 4 m Protection class (Device): IP 41 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 59 mm Mounting depth: 36 mm60669-2-1		
	alpine white	6817/93-204-500	2CKA006800A2803 1
	aluminium silver	6817/93-183-500	2CKA006800A2805 1



¹⁾ The detection range with a central approach is reduced.

²⁾ Free app for iOS and Android available in the App Store or Play Store.

³⁾ 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
	Busch-Presence detector Corridor BT, relay ¹⁾ ²⁾ ³⁾ 30 metres 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 Walking persons: crosswise to the detector 30 m x 3 m, frontal 20 m x 3 m. Extension of the detection range by means of master/slave combination. Mounting height 27 mm. 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. 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 teach-in function of the brightness switching threshold, IR service remote control required. 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: 92 sectors with 368 switching segments Individual deactivation and adjustment of sensitivity of individual sensors possible. 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. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 2300 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 10 AX, cos φ 0.9 Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 mm60669-2-1		
	studio white matt	6819/51-24-500	2CKA006800A2745 1
	aluminium silver	6819/51-183-500	2CKA006800A2779 1





¹⁾ In combination with a relay/contact, an RC suppressor 6899 has to be used.

²⁾ Free app for iOS and Android available in the App Store or Play Store.

³⁾ 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
	Busch-Presence detector Universal BT, DALI 1) 2) 3) 4) 12 meters Master presence detector with mixed light measurement. For regulating and switching of DALI operating devices that depend on brightness and movement. For DALI broadcast operation (central telegram). 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). Colour temperature can then be set between 2,700 K - 6,500 K. 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. Light control via smartphone or tablet app. 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. Visible height 23 mm. 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. With time-controlled basic illumination function. With selectable warm-up function for fluorescent lamps. With 2-step automatic switch-off (according to EnEV / EN 15232). With time-controlled night anti-glare function. 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 teach-in function of the brightness switching threshold, IR service remote control required. 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. Individual deactivation and adjustment of sensitivity of individual sensors possible. Switch-off delay: approx. 1 min. - 30 min. adjustable. With selectable dynamic switch-off delay. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 1380 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 6 AX, cos φ 0.9 Control/Signal outputs: 1, DALI channels, independent Rated current: 100 mA Output voltage: 16 V- Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 83 mm Mounting depth: 60 mm60669-2-1		
			
studio white matt	6819/35-24-500	2CKA006800A2747	1
aluminium silver	6819/35-183-500	2CKA006800A2781	1

¹⁾ The detection range with a central approach is reduced.

²⁾ In combination with a relay/contact, an RC suppressor 6899 has to be used.

³⁾ Free app for iOS and Android available in the App Store or Play Store.

⁴⁾ 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
	Busch-Presence detector Corridor BT, DALI 1) 2) 3) 30 metres Master presence detector with mixed light measurement. For regulating and switching of DALI operating devices that depend on brightness and movement. For DALI broadcast operation (central telegram). 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). Colour temperature can then be set between 2,700 K - 6,500 K. 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. Light control via smartphone or tablet app. Detection range (for installation height of 3 m): rectangular Walking persons: crosswise to the detector 30 m x 3 m, frontal 20 m x 3 m. Extension of the detection range by means of master/slave combination. Mounting height 27 mm. 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. With time-controlled basic illumination function. With selectable warm-up function for fluorescent lamps. With 2-step automatic switch-off (according to EnEV / EN 15232). With time-controlled night anti-glare function. 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 teach-in function of the brightness switching threshold, IR service remote control required. 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: 92 sectors with 368 switching segments. Individual deactivation and adjustment of sensitivity of individual sensors possible. Switch-off delay: approx. 1 min. - 30 min. adjustable. With selectable dynamic switch-off delay. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps Rated power: 1380 W Suitable for: 230 V~ LEDi Rated power: 200 W/VA Suitable for: Fluorescent lamps Rated current: 6 AX, cos φ 0.9 Control/Signal outputs: 1, DALI channels, independent Rated current: 100 mA Output voltage: 16 V- Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 87 mm Mounting depth: 60 mm60669-2-1		
			
studio white matt	6819/55-24-500	2CKA006800A2749	1
aluminium silver	6819/55-183-500	2CKA006800A2783	1


¹⁾ In combination with a relay/contact, an RC suppressor 6899 has to be used.

²⁾ Free app for iOS and Android available in the App Store or Play Store.

³⁾ 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
	Busch-Presence detector Compact, slave 1) 2) 8 metres Slave presence detector for extension of the detection range of master presence detectors. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 6.5 m, walking persons: up to Ø 8 m. Visible height 23 mm. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Surveillance density: 48 sectors with 496 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 72 mm Mounting depth: 49 mm		
	studio white matt	6819/68-24-500	2CKA006800A2751 1
	aluminium silver	6819/68-183-500	2CKA006800A2785 1


¹⁾ The detection range with a central approach is reduced.

²⁾ 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


	Busch-Presence detector Universal, slave 1) 2) 12 metres Slave presence detector for extension of the detection range of master presence detectors. 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: 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 72 mm Mounting depth: 49 mm		
	studio white matt	6819/38-24-500	2CKA006800A2753 1
	aluminium silver	6819/38-183-500	2CKA006800A2787 1

¹⁾ The detection range with a central approach is reduced.

²⁾ 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
	Busch-Presence detector Corridor, slave 1) 24 metres 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	6819/58-24-500	2CKA006800A2755 1
	aluminium silver	6819/58-183-500	2CKA006800A2789 1

¹⁾ 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

	Busch-Presence detector Universal, slave, DALI 1) 2) 12 metres 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- 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 72 mm Mounting depth: 49 mm		
	studio white matt	6819/39-24-500	2CKA006800A2759 1
	aluminium silver	6819/39-183-500	2CKA006800A2793 1

DALI


studio white matt	6819/39-24-500	2CKA006800A2759	1
aluminium silver	6819/39-183-500	2CKA006800A2793	1

¹⁾ The detection range with a central approach is reduced.


²⁾ 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
	Busch-Presence detector Corridor, slave, DALI 1) 30 metres 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- 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 DALI		
	studio white matt	6819/59-24-500	2CKA006800A2761 1
	aluminium silver	6819/59-183-500	2CKA006800A2795 1


¹⁾ 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
	Busch-Presence detector Universal, sensor 1) 2) 3) 12 metres 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/continuous off function (8 hours), IR service remote control required. 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 Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Display elements: LED detection and status indication. Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 43 mm DIN EN 60669-2-1		
	studio white matt	6813-24-102-500	2CKA006800A2861 1
	aluminium silver	6813-183-102-500	2CKA006800A2863 1

¹⁾ The detection range with a central approach is reduced.

²⁾ The range specifications refer to an ambient temperature of 21 °C.


³⁾ Please order the respective flush-mounted insert separately.

	Busch-Presence detector Universal, decor frame 1) Paintable decor frame for individual design. For presence detectors with Compact and Universal lens. For latching onto the presence detector. Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 23 mm		
	studio white matt	6889/30-24-500	2CKA006800A2765 10


¹⁾ The decor frame included in the scope of delivery of the presence detector must be removed before mounting.

Movement detector


Presence detector

Product	Article-No.	Order-No.	Pack/Qty
 Busch movement detector Corridor, decor frame ¹⁾ Paintable decor frame for individual design. For presence detector with Corridor lens. For latching onto the presence detector. Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 94 mm x 94 mm x 27 mm			
studio white matt	6889/50-24-500	2CKA006800A2801	10

¹⁾ The decor frame included in the scope of delivery of the presence detector must be removed before mounting.

 Busch extension unit coupling ¹⁾ 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, Part 1. Including compact connecting terminal for cable connection. Cable length: approx. 80 mm. Rated voltage: 110 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Inputs: 2 Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 33 mm x 45 mm x 8.5 mm			
	6494-500	2CKA006499A0002	1


¹⁾ 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
 Busch-Presence detector mini KNX ¹⁾ 8 meters Detection range (for mounting height 2.5 m, 3 m and 4 m): circular. Seated persons Ø: max. 5 m, max. 6.5 m and max. 9 m. Walking persons Ø: max. 6.5 m, max. 8 m and max. 10.5 m. Visible height 16 mm. With 2 channels. Targeted for connection and disconnection of lights bands depending on the room brightness. Regulation in response to the movement possible. Using the device as presence and/or movement detectors. Detectors application with 2 power off stages. 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. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Suitable for surface mounting installation. Cannot be installed in British Standard or VDE flushmounted box. 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. Connections: KNX-line: Bus connection terminal Brightness limit value: 1 Lux - 1000 Lux Mounting height: 2 m - 4 m Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 80 mm x 80 mm x 45 mm Mounting depth: 29 mm			
aluminium silver	6131/20-183-500	2CKA006132A0343	1
studio white matt	6131/20-24-500	2CKA006132A0342	1

¹⁾ For software and description please check the current Online-Catalogue.


Movement detector

Presence detector

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Presence detector mini premium KNX 1) 2) 8 meters Detection range (for mounting height 2.5 m, 3 m and 4 m): circular. Seated persons Ø: max. 5 m, max. 6.5 m and max. 9 m. Walking persons Ø: max. 6.5 m, max. 8 m and max. 10.5 m. Visible height 16 mm. With 4 channels. For dimming/brightness of the rules to a defined value in a designated collection area. HVAC function for controlling heating and/or cooling systems and ventilation systems in the designated collection area. Detectors application with 2 power off stages. Detectors application with integrated monitoring function. Constant light controller with up to two independent channels. Constant light controller with max. 2 outputs for dimming daylight control/rules of two rooflights in the room. Integrated object room temperature controller. 10 freely programmable IR channels (blue and/or white) Incl. 5 logic channels (logic gates, gates, delay and staircase lighting) Evaluation via internal brightness sensor. Weighting of up to 2 external brightness values and the internal brightness sensor possible. The programming button can be activated with the IR transmitter 6010-25 (-500). With integrated KNX bus coupler. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Suitable for surface mounting installation. Cannot be installed in British Standard or VDE flushmounted box. 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. Connections: KNX-line: Bus connection terminal Brightness limit value: 1 Lux - 1000 Lux Mounting height: 2 m - 4 m Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 80 mm x 80 mm x 45 mm Mounting depth: 29 mm		
	aluminium silver	6131/21-183-500	2CKA006132A0345 1
	studio white matt	6131/21-24-500	2CKA006132A0344 1

¹⁾ For software and description please check the current Online-Catalogue.


²⁾ HVAC = Heating/ ventilation/air-conditioning

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Presence detector KNX 1) 12 meters Detection range (for mounting height 2.5 m, 3 m and 4 m): circular. Seated persons Ø: max. 8 m, max. 10 m and max. 14 m. Walking persons Ø: max. 10 m, max. 12 m and max. 16 m. Visible height 23 mm. With 2 channels. Targeted for connection and disconnection of lights bands depending on the room brightness. Regulation in response to the movement possible. Using the device as presence and/or movement detectors. Detectors application with 2 power off stages. 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. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Suitable for surface mounting installation. Cannot be installed in British Standard or VDE flushmounted box. 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. Connections: KNX-line: Bus connection terminal Brightness limit value: 1 Lux - 1000 Lux Mounting height: 2 m - 4 m Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 91 mm x 91 mm x 45 mm Mounting depth: 22 mm		
	aluminium silver	6131/30-183-500	2CKA006132A0347 1
	studio white matt	6131/30-24-500	2CKA006132A0346 1

¹⁾ For software and description please check the current Online-Catalogue.


Movement detector

Presence detector

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Presence detector premium KNX ¹⁾ ²⁾ 12 meters Detection range (for mounting height 2.5 m, 3 m and 4 m): circular. Seated persons Ø: max. 8 m, max. 10 m and max. 14 m. Walking persons Ø: max. 10 m, max. 12 m and max. 16 m. Visible height 23 mm. With 4 channels. For dimming/brightness of the rules to a defined value in a designated collection area. HVAC function for controlling heating and/or cooling systems and ventilation systems in the designated collection area. Detectors application with 2 power off stages. Detectors application with integrated monitoring function. Constant light controller with up to two independent channels. Constant light controller with max. 2 outputs for dimming daylight control/rules of two rooflights in the room. Integrated object room temperature controller. 10 freely programmable IR channels (blue and/or white) Incl. 5 logic channels (logic gates, gates, delay and staircase lighting) Evaluation via internal brightness sensor. Weighting of up to 2 external brightness values and the internal brightness sensor possible. The programming button can be activated with the IR transmitter 6010-25 (-500). With integrated KNX bus coupler. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Suitable for surface mounting installation. Cannot be installed in British Standard or VDE flushmounted box. 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. Connections: KNX-line: Bus connection terminal Brightness limit value: 1 Lux - 1000 Lux Mounting height: 2 m - 4 m Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 91 mm x 91 mm x 45 mm Mounting depth: 22 mm		
	aluminium silver	6131/31-183-500	2CKA006132A0349 1
	studio white matt	6131/31-24-500	2CKA006132A0348 1

¹⁾ For software and description please check the current Online-Catalogue.


²⁾ HVAC = Heating/ ventilation/air-conditioning

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Presence detector Corridor KNX ¹⁾ 30 meters Detection range: rectangular. 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). With integrated KNX bus coupler. Mounting height 27 mm. With 2 channels. Targeted for connection and disconnection of lights bands depending on the room brightness. Regulation in response to the movement possible. Using the device as presence and/or movement detectors. Detectors application with 2 power off stages. 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. 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). Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Cannot be installed in British Standard or VDE flushmounted box. 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. Connections: KNX-line: Bus connection terminal Brightness limit value: 1 Lux - 1000 Lux Mounting height: 2 m - 4 m Protection class (Device): IP 20 Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 91 mm x 91 mm x 49 mm Mounting depth: 22 mm		
	studio white matt	6131/50-24-500	2CKA006132A0399 1
	studio white matt	6131/50-24-508	2CKA006131A0054 1
aluminium silver	6131/50-183-500	2CKA006132A0400	1

¹⁾ For software and description please check the current Online-Catalogue.




Movement detector

Presence detector

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Presence detector Corridor premium KNX ¹⁾ ²⁾ 30 meters		
	Detection range: rectangular.		
	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).		
	With integrated KNX bus coupler.		
	Mounting height 27 mm.		
	With 4 channels.		
	For dimming/brightness of the rules to a defined value in a designated collection area.		
	HVAC function for controlling heating and/or cooling systems and ventilation systems in the designated collection area.		
	Detectors application with 2 power off stages.		
	Detectors application with integrated monitoring function.		
	Constant light controller with up to two independent channels.		
	Constant light controller with max. 2 outputs for dimming daylight control/rules of two rooflights in the room.		
	Integrated object room temperature controller.		
	10 freely programmable IR channels (blue and/or white)		
	Incl. 5 logic channels (logic gates, gates, delay and staircase lighting)		
	Evaluation via internal brightness sensor.		
Weighting of up to 2 external brightness values and the internal brightness sensor possible.			
The programming button can be activated with the IR transmitter 6010-25 (-500).			
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).			
Suitable for false ceilings with a board thickness from 9 to 25 mm.			
Hole size: Ø 68 mm.			
Cannot be installed in British Standard or VDE flushmounted box.			
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.			
Connections:			
KNX-line: Bus connection terminal			
Brightness limit value: 1 Lux - 1000 Lux			
Mounting height: 2 m - 4 m			
Protection class (Device): IP 20			
Temperature range (Device): -5 °C to 45 °C			
Dimensions: (L x W x D): 91 mm x 91 mm x 49 mm			
Mounting depth: 22 mm			
studio white matt	6131/51-24-500	2CKA006132A0413	1
studio white matt	6131/51-24-508	2CKA006131A0058	1
aluminium silver	6131/51-183-500	2CKA006132A0414	1


¹⁾ For software and description please check the current Online-Catalogue.


²⁾ HVAC = Heating/ ventilation/air-conditioning

Product	Article-No.	Order-No.	Pack/Qty	
	Busch-Watchdog Sky KNX ¹⁾ 24 meters			
	Detection range (for mounting height 6 m and 12 m): circular.			
	Walking persons Ø: max. 18 m and 24 m.			
	Visible height 23 mm. With 2 channels.			
	Targeted for connection and disconnection of lights bands depending on the room brightness.			
	Use of the device as a movement detector.			
	Detectors application with 2 power off stages.			
	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.			
	The programming button can be activated with the IR transmitter 6010-25 (-500).			
	Suitable for false ceilings with a board thickness from 9 to 25 mm.			
Hole size: Ø 68 mm.				
Suitable for surface mounting installation.				
Cannot be installed in British Standard or VDE flushmounted box.				
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.				
Connections:				
KNX-line: Bus connection terminal				
Brightness limit value: 1 Lux - 1000 Lux				
Mounting height: 4 m - 12 m				
Protection class (Device): IP 20				
Temperature range (Device): -5 °C to 45 °C				
Dimensions: (L x W x D): 91 mm x 91 mm x 45 mm				
Mounting depth: 22 mm				
studio white matt	6131/40-24-500	2CKA006132A0350	1	
¹⁾ For software and description please check the current Online-Catalogue.				
	Surface-mounting box			
	For Busch-Presence detector mini KNX			
	For installing a Busch-Presence detector mini KNX 6131/20-xxx(-500) or a Busch-Presence detector mini premium KNX 6131/21-xxx(-500).			
	Protection class (Device): IP 20			
	Dimensions: (L x W x D): 80 mm x 80 mm x 35 mm			
	aluminium silver	6131/29-183-500	2CKA006132A0352	1
	studio white matt	6131/29-24-500	2CKA006132A0351	1
		Surface-mounting box		
		For Busch-Presence detector KNX, Busch-Watchdog Sky KNX and Busch-Presence detector Corridor KNX		
		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).		
Protection class (Device): IP 20				
Dimensions: (L x W x D): 91 mm x 91 mm x 33 mm				
aluminium silver		6131/39-183-500	2CKA006132A0354	1
studio white matt		6131/39-24-500	2CKA006132A0353	1

Movement detector


Presence detector

Product	Article-No.	Order-No.	Pack/Qty
	Intermediate ring for VDE flush-mounted box For Busch-Presence detector KNX, Busch-Watchdog Sky KNX and Busch-Presence detector Corridor KNX 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	6131/38-24-500	2CKA006132A0403 1
aluminium silver	6131/38-183-500	2CKA006132A0404	1


	Busch-Presence detector Universal ¹⁾ ²⁾ complete set Modular presence detector with universal lens (set packaging). Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Consisting of Busch-Presence detector Universal 6813-...-102-500. Consisting of Universal relay insert 6440/01 U-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA Detection angle: 360 ° Brightness limit value: 5 Lux - 2000 Lux 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 74 mm Mounting depth: 31 mm DIN EN 60669-2-1		
	studio white matt	6813/30-24-500	2CKA006800A2864 1


¹⁾ The detection range with a central approach is reduced.

²⁾ The range specifications refer to an ambient temperature of 21 °C.

	Presence detector surface-mounted housing For mounting a universal insert in combination with the Busch-Presence detector sensor. For Busch-Presence detector sensor 6813-...-102-500. For Busch-Universal relay switch insert 6440/01 U-500. For Universal-e-contact insert 6440/04 U-500. For Universal-Slave insert 6440/05 U-500. Protection class (Device): IP 20 Dimensions: (L x W x D): 93 mm x 93 mm x 44 mm		
	studio white matt	6883-24-500	2CKA006899A2369 1
aluminium silver	6883-183-500	2CKA006899A2371	1

Busch-Watchdog presence inserts

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 100 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated current: 10 AX Rated power: 2300 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 2300 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
	6440/01 U-500	2CKA006400A0085	1



	Universal e-contact insert ¹⁾ 2-wire connection (neutral conductor not required) For switching lighting systems. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Can be combined with Universal-Slave insert 6440/05 U-500. 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). 2 supplementary inputs via 127 V push switch (e.g. 2020 US), central disablement of all outputs possible, supplementary IR remote control is possible via IR flying receiver 6045 E-101 Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V~ LEDi Rated power: 2 - 80 W/VA Suitable for: 230 V incandescent lamps/230 V halogen lamps Rated power: 20 - 180 W Suitable for: Low voltage halogen lamps operated by transformers. Rated power: 20 - 180 VA Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm Mounting depth: 31 mm DIN EN 60669-2-1		
	6440/04 U-500	2CKA006400A0088	1

¹⁾ Only use dimmable high voltage LEDs.

Movement detector


Busch-Watchdog presence inserts

Product	Article-No.	Order-No.	Pack/Qty
	Universal-Slave insert 3 wire connection (neutral conductor required). For the extension of Busch-Comfort switch or Busch-Presence detector installations. For communication with Universal relay insert 6440/01 U-500. For communication with Universal-e-contact insert 6440/04 U-500. For Busch-Comfort switch control element 6815-...-101-500. For Busch-Presence detector sensor 6813-...-102-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 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 32 mm Mounting depth: 31 mm		
	6440/05 U-500	2CKA006400A0091	1
	Busch-Universal relay switch insert 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog 180 FP sensor for All Weather 44 6800-3x-102C. For Busch-Watchdog Presence tech 6813-xxx-101 and 6813/11-xxx. For comfort timer control element 6455-101-500. For Busch-Remote control IR control cover 6067-xxx-10x. For control cover with control lamp 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 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 Standard EN 60669-2-1		
	6401 U-102-500	2CKA006401A0049	1/10
	Busch-Watchdog relay mechanism 3 wire connection (neutral conductor required). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 and 6813/11-xxx. Rated voltage: 230 V, +10 % / -10 % Rated frequency: 50 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 power: 700 W/VA Temperature range (Device): 0 °C to 55 °C British Standard EN 60669-2-1		
	6812 U-101-500	2CKA006800A2160	1/10

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog MOS-Fet Insert ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ 2-wire connection (neutral conductor not required) For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer. Rated power: 60 - 420 W/VA Temperature range (Device): 0 °C to 35 °C British Standard EN 60669-2-1		
	6804 U-101-500	2CKA006800A2219	1/10
¹⁾ In case of electronic transformers, 5 % transformer losses. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ Not suitable for the activation of energy-saving lamps, conventional and electronic ballast units and LED lamps. ⁴⁾ Not suitable for activating the staircase time delay. ⁵⁾ Cannot be used to control relays. ⁶⁾ Requires an NIS international socket, E-No. 372507676.			
	Busch-Universal 2gang 1way insert 3 wire connection (neutral conductor required). For the serial switch operating mode: 2 separate outputs, 2 separate extension inputs. For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control). For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For control cover 6430-xxx-10x and 6543-xxx-10x. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Outputs: 2x 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): 0 °C to 35 °C British Standard EN 60669-2-1		
	6402 U-500	2CKA006401A0051	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.		
neon indicator:	neon lamp 3855, one neon lamp is supplied together with control cover plates 6540-2x.		

Movement detector



Busch-Watchdog presence inserts

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog extension insert ¹⁾ 3 wire connection (neutral conductor required). For extending Busch-Watchdog 180 flush-mounted and Busch-Watchdog Presence tech installations. For combination with relay insert 6401 U-102 and 6402 U. For combination with MOS-Fet insert 6804 U-101. For combination with Dimmer insert 6593 U and 6550 U-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Control/Signal outputs: 1, electronic output, potential-bound Temperature range (Device): 0 °C to 35 °C		
	6805 U-500	2CKA006800A2161	1/10
	Mounting boxes: 35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
	Cover frames: 1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

¹⁾ Not combinable with relay switch insert 6812 U-101.

	Busch-touch dimmer ^{1) 2) 3) 4) 5)} flush mounted, RLC, 60-420 W With light-level memory and intelligence for universal operation. Selectable Soft-ON/OFF function and memory function. Capacity expansion via output-side, parallel connectable load line with a power module 6594 U up to 735 W/VA possible. For incandescent lamps, 230 V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers. Short-circuit-proof, overload-protected. With touch control. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 60 - 420 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
			
	6593 U-500	2CKA006590A0171	1/10
	¹⁾ In the case of conventional transformers, take ~20% transformer loss into account. ²⁾ In case of electronic transformers, 5 % transformer losses. ³⁾ In conjunction with 6800-xxx-104 (M) a Soft Off can be adjusted. ⁴⁾ 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)		


⁵⁾ Recommendation: Please use loads and types of one producer.
⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).

Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ^{1) 2) 3) 4) 5)} Flush-mounted, LED, 2-100 W Touch dimmer. 2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA). Optimised for dimming of retrofit LED lamps (LEDi). For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With adjustable minimum brightness. The minimum brightness for the leading edge control can be adjusted using the potentiometer. The potentiometer at the left limit stop corresponds with the trailing edge control mode. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With light-level memory and minimum brightness memory. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1		
			
	6526 U-500	2CKA006512A0323	1/10
	¹⁾ Illuminable with neon lamp. Neon lamp included in delivery with cover plate. ²⁾ In the case of conventional transformers, take ~20% transformer loss into account. ³⁾ In case of electronic transformers, 5 % transformer losses. ⁴⁾ 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)		

⁵⁾ Recommendation: Please use loads and types of one producer.
⁶⁾ In connection with 6810-21x-101 and 6800-xx-104 (M) only suitable for switching retrofit LEDs (for 2-conductor connection).

Movement detector

Busch-Watchdog presence inserts


Product	Article-No.	Order-No.	Pack/Qty
	Busch-touch dimmer ¹⁾ ²⁾ ³⁾ flush mounted, 1-10V 3 wire connection (neutral conductor required). For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For control cover with control lamp 6543-xxx-10x. For Busch-Remote control IR control cover 6066-xxx-10x and 6067-xxx-10x. For comfort timer control element 6455-101-500. For Busch-Watchdog 180 flush-mounted Sensor Standard 6810-21x-101. For Busch-Watchdog 180 flush-mounted sensor Comfort II 6800-xxx-104 and 6800-xxx-104M. For Busch-Watchdog Presence tech 6813-xxx-101 und 6813/11-xxx. Combinable with Busch-Watchdog extension insert 6805 U. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). For LED control via control gears Without control cover. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1		
	6550 U-101-500	2CKA006550A0042	1

¹⁾ Non-illuminable.

²⁾ 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)

³⁾ with integrated making-current limiter

Busch-Watchdog flush-mounted / sensors


Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ with select-lens For automatic switching of devices dependent on motion and brightness. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 18 sectors with 72 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 12 m, lateral: 8 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	future® linear		
anthracite	6800-81-104	2CKA006800A2268	1
ivory white	6800-82-104	2CKA006800A2099	1/10
aluminium silver ²⁾	6800-83-104	2CKA006800A2325	1
studio white	6800-84-104	2CKA006800A2101	1/10
studio white, matt ²⁾	6800-884-104	2CKA006800A2497	1
black matt ²⁾	6800-885-104	2CKA006800A2506	1
solo®			
ivory white	6800-82-104	2CKA006800A2099	1/10
studio white	6800-84-104	2CKA006800A2101	1/10
grey metallic ²⁾	6800-803-104	2CKA006800A2484	1
Busch-axcent®			
anthracite	6800-81-104	2CKA006800A2268	1
studio white	6800-84-104	2CKA006800A2101	1/10
black matt ²⁾	6800-885-104	2CKA006800A2506	1
carat®			
anthracite	6800-81-104	2CKA006800A2268	1
ivory white	6800-82-104	2CKA006800A2099	1/10
studio white	6800-84-104	2CKA006800A2101	1/10
pure stainless steel			
stainless steel	6800-866-104	2CKA006800A2343	1

¹⁾ Please order the respective flush-mounted insert separately.

²⁾ Surface painted.

Movement detector



Busch-Watchdog flush-mounted / sensors

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 180 flush-mounted comfort sensor II ¹⁾ ²⁾ with multi-lens For automatic switching of devices dependent on motion and brightness. For down-to-ground detection. For relay inserts 6401 U-102, 6402 U and 6812 U-101. For MOS-Fet insert 6804 U-101. For Dimmer insert 6593 U. For extension insert 6805 U. With integrated selector switch for ON-AUTOMATIC-OFF (lockable). Soft phase-out: In combination with the 6593 U (mode of operation: Soft OFF) the illumination is dimmed down within 60 sec and switched off. Surveillance density: 28 sectors with 112 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. Detection range: frontal: 15 m, lateral: 5 m, Mounting height: 2.5 m Detection range 2: frontal: 10 m, lateral: 2.5 m, Mounting height: 1.2 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 20 Temperature range (Device): 0 °C to 35 °C		
	future® linear		
	anthracite	6800-81-104M	2CKA006800A2269 1
	ivory white	6800-82-104M	2CKA006800A2100 1
	aluminium silver ³⁾	6800-83-104M	2CKA006800A2327 1
	studio white	6800-84-104M	2CKA006800A2102 1/10
	studio white, matt ³⁾	6800-884-104M	2CKA006800A2498 1
	black matt ³⁾	6800-885-104M	2CKA006800A2500 1
	solo®		
	ivory white	6800-82-104M	2CKA006800A2100 1
	studio white	6800-84-104M	2CKA006800A2102 1/10
	grey metallic ³⁾	6800-803-104M	2CKA006800A2485 1
	Busch-axcent®		
	anthracite	6800-81-104M	2CKA006800A2269 1
	studio white	6800-84-104M	2CKA006800A2102 1/10
	black matt ³⁾	6800-885-104M	2CKA006800A2500 1
	carat®		
	anthracite	6800-81-104M	2CKA006800A2269 1
	ivory white	6800-82-104M	2CKA006800A2100 1
	studio white	6800-84-104M	2CKA006800A2102 1/10
	pure stainless steel		
stainless steel	6800-866-104M	2CKA006800A2344	1

¹⁾ Installation: slide switch top.

²⁾ Please order the respective flush-mounted insert separately.

³⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Busch-Watchdog 180 flush-mounted comfort sensor II for All Weather 44 ¹⁾ ²⁾ with combi-lens For automatic switching of devices dependent on motion and brightness. For use outdoors. For down-to-ground detection. For Busch-Universal relay switch insert 6401 U-102. IP 44 only in conjunction with cover frames All Weather 44. Surveillance density: 40 sectors with 160 switching segments. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable. With screw-type terminal. Detection range: frontal: 15 m, lateral: 10 m, Mounting height: 2.5 m Detection range 2: frontal: 9 m, lateral: 4 m, Mounting height: 1.2 m Detection angle: 180 ° Brightness limit value: 5 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m alternative: 2.5 m Protection class (Sensor): IP 44 Temperature range (Device): -25 °C to 55 °C Position for installation: vertical		
	brown	6800-31-102C	2CKA006800A2353 1
	white	6800-32-102C	2CKA006800A1898 1
	aluminium silver	6800-33-102C	2CKA006800A2354 1
	alpine white	6800-34-102C	2CKA006800A1674 1
	anthracite	6800-35-102C	2CKA006800A1740 1
	RC suppressor		
	For protection against the damage or destruction of electronic devices due to overvoltages. 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. Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz		
	6899	2CKA006899A0231	10
			

¹⁾ Delivered with sealing ring.

²⁾ Please order the respective flush-mounted insert separately.

Movement detector


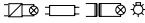
Proximity switch

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.		

future® linear			
anthracite	6476-81	2CKA006470A0007	1/10
ivory white	6476-82	2CKA006470A0003	10
aluminium silver ¹⁾	6476-83	2CKA006470A0008	10
studio white	6476-84	2CKA006470A0004	10
studio white, matt ¹⁾	6476-884	2CKA006470A0010	10
black matt ¹⁾	6476-885	2CKA006470A0011	10
solo®			
ivory white	6476-82	2CKA006470A0003	10
studio white	6476-84	2CKA006470A0004	10
grey metallic ¹⁾	6476-803	2CKA006470A0006	10
Busch-axcent®			
anthracite	6476-81	2CKA006470A0007	1/10
studio white	6476-84	2CKA006470A0004	10
black matt ¹⁾	6476-885	2CKA006470A0011	10
carat®			
anthracite	6476-81	2CKA006470A0007	1/10
ivory white	6476-82	2CKA006470A0003	10
studio white	6476-84	2CKA006470A0004	10
pure stainless steel			
stainless steel	6476-866	2CKA006470A0009	10

¹⁾ Surface painted.

Product	Article-No.	Order-No.	Pack/Qty
	Twilight switch ¹⁾ ²⁾ With labelling field. Labelling field 57.8 x 9.8 mm Switch-on/switch-off delay: approx. 3-6 min non-adjustable. Rated voltage: 230 V~ Rated frequency: 50 Hz Rated current: 16 AX Rated power: 3680 W/VA Brightness limit value: 3 Lux - 500 Lux nominal Protection class (Device): IP 44 Temperature range (Device): -35 °C to 55 °C 		
	grey 2240 W-53	2CKA006500A0791	1/10
alpine white	2240 W-54	2CKA006500A0792	1/10

¹⁾ For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

²⁾ Labelling strip non-illuminable.

