



Electrical installation solutions for buildings

ABB-free@home®

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You may also visit our ABB-free@home® website:



Freedom

Home becomes smart

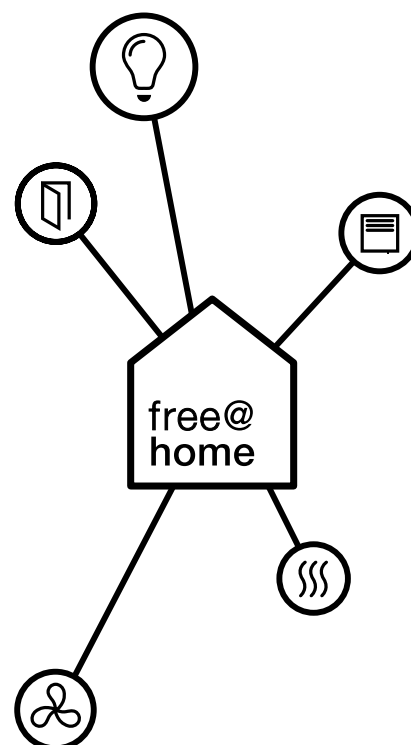




ABB-free@home®

Endless installation possibilities

Perfect daily routine. With ABB-free@home® the entire home can be controlled as usual with switches, and now even more practical: with the smartphone, tablet, or computer. Via touch or voice control.



Blind



Light



Heating



Air-conditioning



Door communication



Open for new ideas

With ABB-free@home® everyone can determine for themselves how they want to use the smart living technologies. Both individual functions, such as heating or control of blinds, or a combination of different functions can be implemented. Over the course of time the system can also be flexibly extended, if one so desires. Freedom of choice at all times.



Blinds

Whether blind, roller blind, awning or roller door – with ABB-free@home®, sun protection and energy-saving could not be easier. Opening and closing, as well as adjustment of slats can be automated and controlled. In addition, a weather station for protection during a storm, a timer or astro function can be used. It automatically adjusts the blind according to sunrise and sunset. The relevant data are combined in the System Access Point and are precisely implemented.



Light control

Life begins with light. With ABB-free@home® it can be optimally used, whether for illuminating individual rooms or the entire house. For example, with striking light scenes – for different moods and to suit the occasion. A pleasant side effect here is the cost-saving and environmentally friendly use of energy.



Heating and air-conditioning

Comfortable and energy-saving. The optimum room temperature can be adjusted according to the actual requirement. The heating can be automatically shut off when the windows are open. This reduces energy consumption. The ideal temperature is never the same. Depending on the time of the day, the room temperature controller provides your personal feelgood temperature. The heating valves are controlled wirelessly – with radio controlled thermal actuating drives. The room temperature controllers can be integrated into the switch combination. And the window contacts are networked wirelessly.



Door communication

The ABB-Welcome door communication system can be integrated into ABB-free@home®. The door communication and home automation can be used together with ABB-free@home-Touch 7". For example, the light switches on when the doorbell rings to see visitors more clearly. And for reasons of safety, the video camera records pictures of visitors at the door when no one is home.



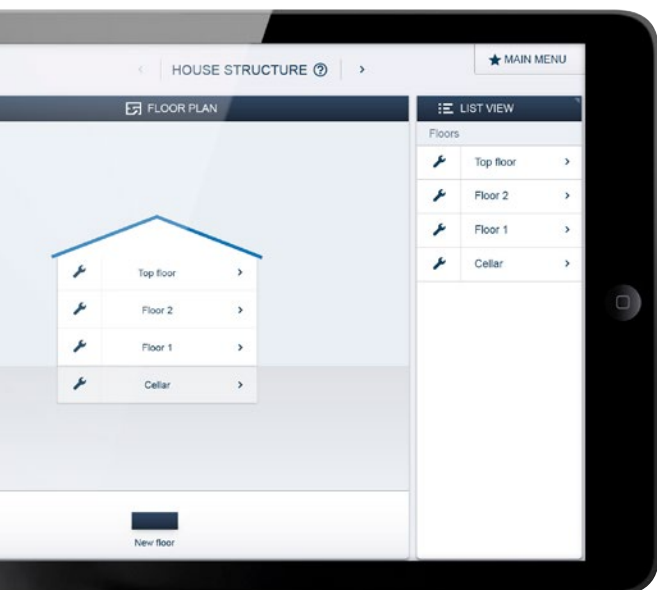
Integration of home appliances

The smooth integration of modern household appliances into ABB-free@home® offers a variety of options for convenient use. All networked devices with their icons are displayed in the free@home app and the ABB-free@home® panel and can be controlled from there. All functions can also be directly controlled via the wall-mounted pushbuttons, which is possible only with free@home.

So easy, anyone can do it

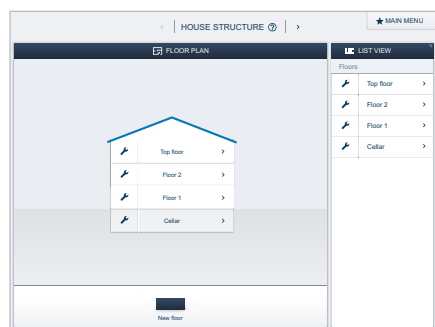
Creating scenes

Intuitive operation. The ABB-free@home® app is easy to understand. To start with, all available devices in the rooms are activated in the display, allowing the favourite settings to be made immediately via drag-and-drop.



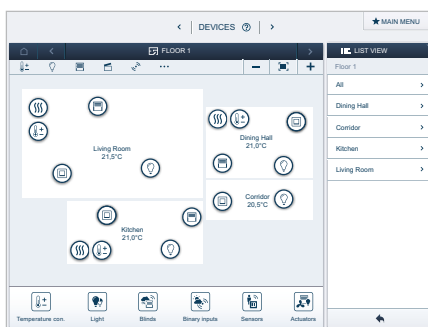
Easy to install – and even easier to operate

The ABB-free@home® app has been optimised for use in daily life. The wizard guides one through the system. The most important functions are clearly marked with self-explanatory icons. It makes no difference whether the components are connected in the two-wire bus or wirelessly. One has control over a uniform system. For maximum security, a personal password can be activated when logging in. This protects the home automation system against unauthorized access and tampering.



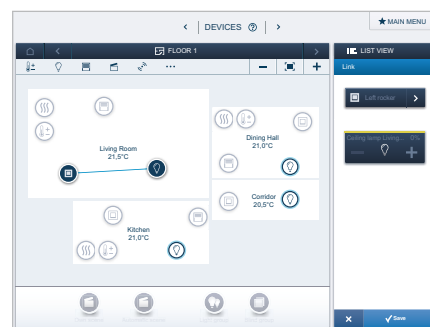
The house

First the electrician sets up the floor plan with its floors and rooms.



Assigning

Then the sensors in the app are integrated in the floor plan and assigned in the system.



Combining

And finally, the elements can be combined according to individual preferences and requirements.



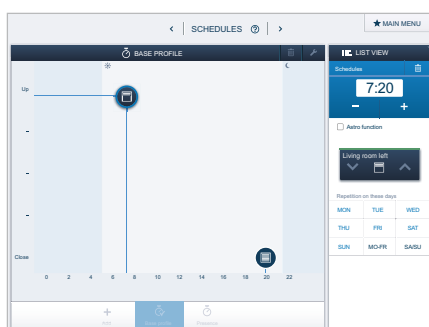
Simple and time-saving

The electrician performs the initial configuration of the system via app. Operation is particularly fast and saves on costly billable hours.



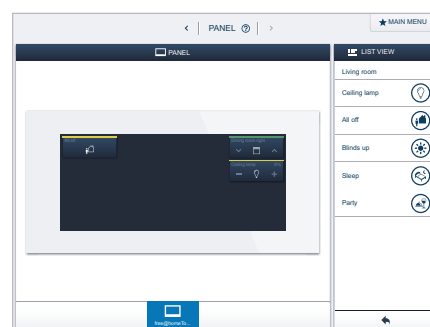
Scene control

The user can easily combine the switches and devices available in each room to create personal scenes. The lighting scene for an evening on the sofa, for example.



Time control

Roller blinds can be automatically moved and lights can be switched at any time or dependent on sunrise or sundown.



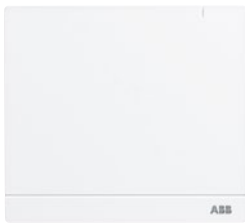
Panel setting

The most important functions can be controlled from a central location in the house and easily changed later at any time.

Simply effortless

This saves valuable labour time

Now easier than ever. Only a few components are needed to install ABB-free@home®. For the direct activation of light, the entire system only requires a bus cable, the sensor/actuator unit, a power supply and a System Access Point for programming.



01



02



03



04



05

01 System Access Point

02 Sensor, 1gang

03 Switch actuator, 4gang

04 Binary input, 2gang, flush-mounted

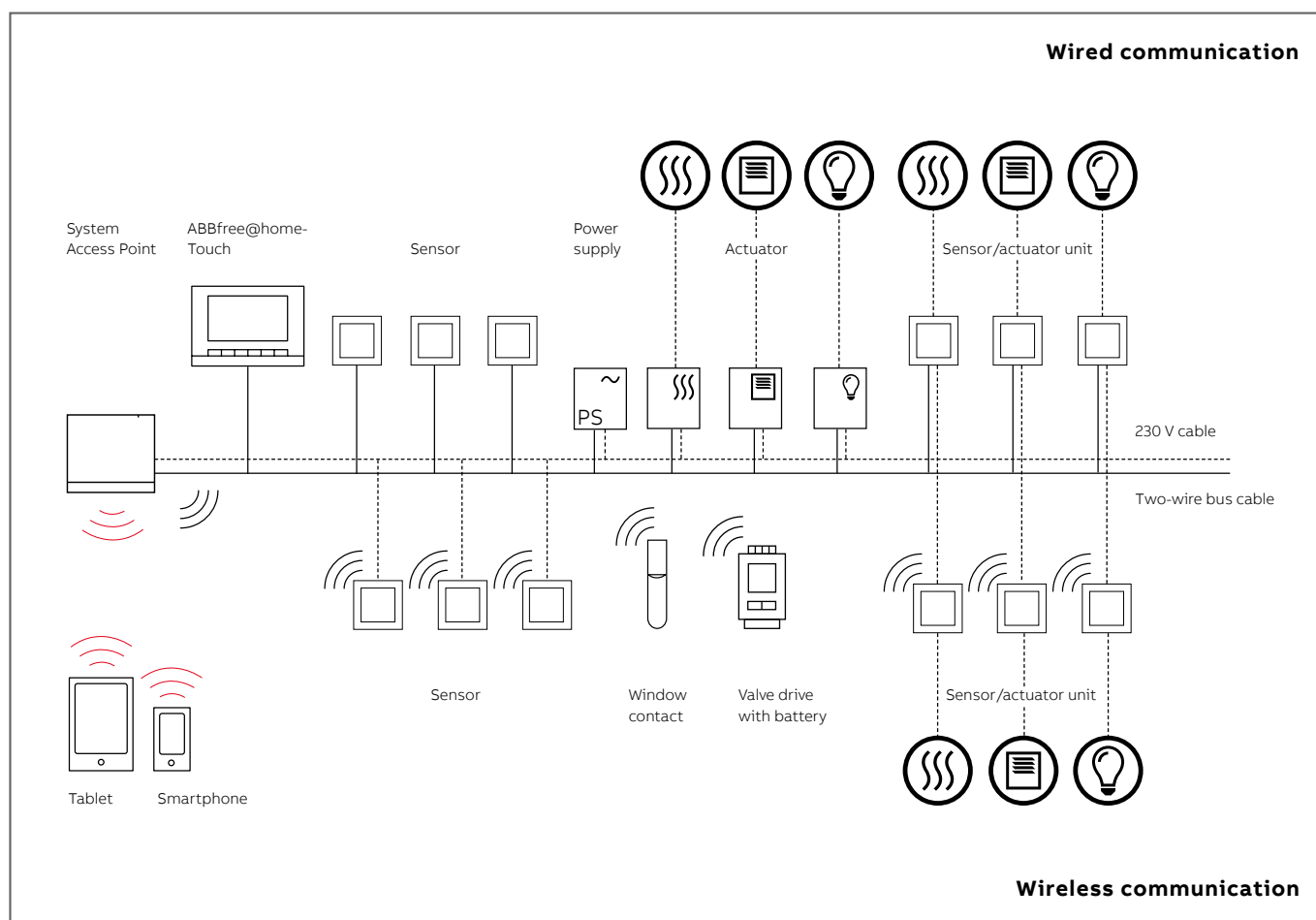
05 Power supply

The System Access Point

The nerve centre of the ABB-free@home® system is the System Access Point. It provides access for computer, tablet or smartphone via WLAN. This allows the functions of the system to be defined and remotely controlled – even after installation. The System Access Point can also be combined with a network router – via LAN or WLAN. Just connect and you're done. For convenience, the System Access Point creates its own WLAN and the software necessary for project planning and commissioning is already on board. This makes you independent from the structural conditions and no additional software is required. As soon as you are finished with programming you can save the status and restore it again at any time.

The actuators and sensors

Actuators for switching, dimming and control are available for ABB-free@home®. The flush-mounted binary inputs also allow the integration of conventional switches and devices, such as window contacts, for example. Push-buttons, room temperature controllers and movement detectors are available as sensors.



Central distribution board with rail-mounting actuator

The installation of central rail-mounting actuators in the consumer unit makes the installation of the sensors even easier – as only the bus line is located in the flush-mounted box. With this method, the costs for each channel can be reduced.

Sensor/actuator unit for decentralised control

All in one. With the sensor/actuator unit, both the sensor and actuator are located in a single device to save space. The basic function of the unit is pre-configured, which makes programming the basic function unnecessary – but possible if required. The 230-volt line is wired as usual.



Sensor/actuator unit

The sensor/actuator unit combines a control element and, for example, a switch actuator in the single flush-mounted housing. It is installed in the same way as a flush-mounted switch. The device has already been pre-programmed: this means the light can be switched on directly after installation – without any programming. The sensor/actuator unit can, of course, be freely re-configured via the user interface, just like all other sensors and actuators.

ABB-free@home®

System devices



Basic free@home radiator thermostat, wireless^{1) 2)}

For temperature control of hydronic heating radiators.

With integrated temperature sensor, controller and actuating drive.

Local operation for the switchover between comfort mode and Off.

No wire laying required.

Communication with the free@home system is carried out wireless.

Setpoint adjustment via the free@home app or a temperature controller extension (e.g. RTC-F-1).

“Window open” detection when combined with Window sensor Wireless (WBI-S-1-XX-WL).

With lime protection function.

With frost protection function.

Quiet operation.

Installation with sleeve nut M 30 x 1.5.

Fits many popular valve bases (e.g. Braukmann, Heimeier, Honeywell, Junkers, MNG).

The adapters for Danfoss RAV, Danfoss RA and Danfoss RAVL are included in the scope of supply.

Adapters for additional valves are available as accessories.

Battery included in scope supply.

Battery type: 2 x AA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 63 mm x 48 mm x 84 mm

WIRELESS	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
	232453	HA-S-1-WL				1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

System devices



Comfort free@home radiator thermostat, wireless ^{1) 2)}

For temperature control of hydronic heating radiators.

With integrated temperature sensor, controller and actuating drive.

Local operation for the switchover between comfort mode, eco mode and Off.

No wire laying required.

With integrated Display and control knob for Setpoint temperature adjustment.

Setpoint adjustment locally, via the free@home app or a temperature controller extension (e.g. RTC-F-1).

Integrated "Window open" detection or can be linked with WBI-S-X-WL.

With lime protection function.

With frost protection function.

Quiet operation.

Installation with sleeve nut M 30 x 1.5.

Fits many popular valve bases (e.g. Braukmann, Heimeier, Honeywell, Junkers, MNG).

The adapters for Danfoss RAV, Danfoss RA and Danfoss RAVL are included in the scope of supply.

Adapters for additional valves are available as accessories.

Battery included in scope supply.

Battery type: 2 x AA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 63 mm x 48 mm x 84 mm

WIRELESS	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
	232460	HA-S-2-WL	2CKA006200A0134			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

System devices



Valve adapter Herz
Metal adapter for installation radiator thermostat. (HA-S-X-WL).
For valve bodies Herz M 28 x 1,5.

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
	232590	AC-HA-1	2CKA006200A0138		1



Valve adapter Comap
Metal adapter for installation radiator thermostat. (HA-S-X-WL).
For valve bodies Comap M 28 x 1,5.

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
	232613	AC-HA-2	2CKA006200A0139		1



Valve adapter Orkli
Metal adapter for installation radiator thermostat. (HA-S-X-WL).
For valve bodies Orkli M 28 x 1,0.

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
	232620	AC-HA-3	2CKA006200A0140		1

ABB-free@home®

System devices



free@home window sensor, wireless ^{1) 2)}

For monitoring of the current window handle position.

The status can be visualized on the free@home panel and in the free@home app.

The window sensor is installed between the existing window handle and the window frame.

Existing window handle is used.

Suitable for window handle: 7 mm square fastener, 43 mm

attachment screw separation, lifter dia. 10 and 12 mm, max.

mounting plate size 34 x 77 mm (WxH). No wire laying required.

Mounting accessories (square extension, screws, adapter for cams) are included.

Battery included.

Low Battery notification via the free@home app.

Protection class (Device): IP 43

Temperature range (Device): -5 °C to 50 °C

Dimensions: (L x W x D): 168 mm x 38 mm x 13 mm

WIRELESS	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
64 studio white matt	215906	WBI-S-1-64-WL				1
65 basalt black	215920	WBI-S-1-65-WL	2CKA006200A0103			1
66 stainless steel	232484	WBI-S-1-66-WL	2CKA006200A0142			1



free@home universal detector, wireless ^{1) 2)}

For monitoring of the state (open, closed) of windows, skylights, doors and gates with a magnetic contact.

Additional connection option for an external, potential-free sensor

(choice of normally closed or normally open contact).

The status can be visualized on the free@home panel and in the free@home app.

The magnetic contact and the potential-free input can be monitored separately.

The universal detector and the magnets are fixed with adhesive film or screws.

Accessories (adhesive foil, screws, magnet) included in delivery.

Battery type: CR2

Low Battery notification via the free@home app.

External sensor max. wire length: 5 m

External sensor terminal connection diameter : 0.14...0.5 mm² (single wire)

Protection class (Device): IP 43

Temperature range (Device): -5 °C to 50 °C

Dimensions: (L x W x D): 118 mm x 30 mm x 22 mm

WIRELESS	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
64 studio white matt	215913	BI-S-1-64-WL	2CKA006200A0102			1
65 basalt black	215937	BI-S-1-65-WL	2CKA006200A0104			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.
2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

System devices



System Access Point 2.0

For commissioning and remote control of the ABB-free@home® system.
 Support for up to 150 free@home participants (independent of whether wireless or wired).
 With integrated free@home wireless antenna.
 With integrated free@home bus connection.
 Easy to mount thanks to the external power adapter (included in the scope of delivery).
 Optional supply via the yellow/white twisted pair of the bus line (24 V).
 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.
 Connection to the home network via WLAN client mode or via CAT cable.
 Suitable as table device.
 Suitable for wall mounting.
 2 x USB ports for future extension of functions.
 2.4 GHz and 5 GHz WLAN
 1 GHz dual core processor
 512 MB working storage
 Scope of delivery: Mounting plate, power adapter, screws and dowels
 The bus connection is provided via the enclosed bus terminal.
 Display elements: LED for status display.
 Bus voltage: 24 V
 Rated voltage: 230 V~
 Rated frequency: 50 Hz / 60 Hz
 Protection class (device): IP 20
 Temperature range (device): -5 °C - 45 °C
 Storage temperature range: -20 °C - 70 °C
 Dimensions: (L x W x D): 107 mm x 109 mm x 30 mm
 Programming via the web interface of the System Access Point.
 Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current Online-Catalogue.
 A bus power supply is required for the operation of free@home wired devices.
 When operating with more than 64 participants, an additional bus power supply is required.

Rated voltage: 230 V~

		Bbn	Order details		Price	Weight	Pack
		4011395			1 piece	1 piece	unit
		EAN	Type code	Order code		kg	pc.
WIRELESS							
84 studio white	NEW	261583	SAP/S.3	2CKA006200A0155			1

ABB-free@home®

System devices



DIN Rail Adapter

For mounting the free@home System Access Point 2.0 on a mounting rail.
Mounting is carried out without tools.

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
	261637	SAP-A1.1	2CKA006200A0158			1



**External antenna
for ABB-free@home®**

For use with System Access Point SAP/S.3
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

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
	216224	SAP-1-WL	2CKA006200A0100			1

1) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

System devices



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 ABB-free@home® web interface and the ABB-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~
Rated frequency: 50 Hz - 60 Hz
Bus voltage: 24 V-
Inputs: 4
Protection class (Device): IP 44
Temperature range (Device): -20 °C to 55 °C
Temperature range (Sensor):
Brightness limit value: 1 Lux - 100000 Lux
Dimensions: (L x W x D): 108 mm x 121 mm x 227 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
	205525	WS-1	2CKA006220A0390			1

ABB-free@home®

Displays



ABB-free@homeTouch 7" ^{1) 2)}

Indoor video station with 17.8 cm (7") touch display

For ABB-free@home® and ABB-Welcome®.

For the central control of up to 16 configurable ABB-free@home® functions and display of the video image of an outdoor door communication station. During the conversation a picture of the visitor can be taken and stored in the picture memory. For door calls during absence three pictures of the visitor are automatically stored in the picture memory. With hands-free function, volume is adjustable. Easy operation keys for door openers, mute function and light. Different bell sounds are adjustable for door and floor ringing; five polyphone bell sounds are available. Volume of bell sounds is adjustable. SD card slot for extension of the picture memory. Suitable as room temperature controller extension unit. For surface mounting. The bus can be connected via enclosed terminal block.

Display size: 17,8 cm (7")

Display resolution: 800 x 480

Display elements: TFT Touch Display

Protection class (Device): IP 30

Dimensions: (L x W x D): 155 mm x 218 mm x 29 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
611 white	182420	DP7-S-611	2CKA008300A0356			1
625 black	182383	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 DP4-T-1 the integrated room temperature controller can be fitted with a remote sensor.

Suitable as room temperature controller extension unit (up to 8).

Requires additional power supply 24 VDC; e.g. 6358-101

Display size: 10.9 cm (4.3")

Display resolution: 480 x 854

Mounting height: 8 mm

Control element: freely programmable touch surfaces, Display elements: 1 LCD display,

Bus voltage: 24 V-,

Protection class (Device): IP 20, Temperature range (Device): -5 °C to 40 °C,

Dimensions: (L x W x D): 104 mm x 143 mm x 53 mm,

No additional commissioning software is required., Programming only with bus voltage applied via the web interface of the System Access Point.

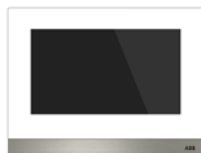
	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
625 black	180198	DP4-1-625	2CKA006220A0120			
611 white	180235	DP4-1-611	2CKA006220A0119			

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Displays



IP touch 7", white

Description	The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like CCTV, access control and home automation.		
Features	<ul style="list-style-type: none"> - Intuitive GUI on sliding screen (1024 x 600) - Clean & consistent design with invisible mic & speaker hole - Slim thickness with 7.8 mm when flush mounted - Color, material, End trip & mounting type selectable - Extension to App without additional system device - Central control panel to DES, Smart lock, Surveillance, Basic alarm, Home automation (KNX & F@H), Environmental health, Energy management - API & Web-browser enable easy 3rd party integration - Cyber security and data privacy - Easy installation in all kind of walls - Easy commissioning by QR code scanning or central PC management software - PoE and local power supply optional - Remote firmware update 		
Technical details	<ul style="list-style-type: none"> - Flush mounting and surface mounting - Dustproof and waterproof as IP30 - Dimensions: 139 x 150 x 36 mm 		
Version	LAN + WiFi interface	LAN + WiFi interface with induction loop	LAN + LAN interface
Article no.	H82361-W	H82364-W	H82362-W
Order no.	2TMA130050W0001	2TMA130050W0004	2TMA130050W0002
Version	LAN + LAN interface with induction loop	LAN interface	LAN interface with induction loop
Article no.	H82365-W	H82363-W	H82366-W
Order no.	2TMA130050W0005	2TMA130050W0003	2TMA130050W0006

IP touch 7", black



Description	The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like CCTV, access control and home automation.		
Features	<ul style="list-style-type: none"> - Intuitive GUI on sliding screen (1024 x 600) - Clean & consistent design with invisible mic & speaker hole - Slim thickness with 7.8 mm when flush mounted - Color, material, End trip & mounting type selectable - Extension to App without additional system device - Central control panel to DES, Smart lock, Surveillance, Basic alarm, Home automation (KNX & F@H), Environmental health, Energy management - API & Web-browser enable easy 3rd party integration - Cyber security and data privacy - Easy installation in all kind of walls - Easy commissioning by QR code scanning or central PC management software - PoE and local power supply optional - Remote firmware update 		
Technical details	<ul style="list-style-type: none"> - Flush mounting and surface mounting - Dustproof and waterproof as IP30 - Dimensions: 139 x 150 x 36 mm 		
Version	LAN + WiFi interface	LAN + WiFi interface with induction loop	LAN + LAN interface
Article no.	H82361-B	H82364-B	H82362-B
Order no.	2TMA130050B0001	2TMA130050B0004	2TMA130050B0002
Version	LAN + LAN interface with induction loop	LAN interface	LAN interface with induction loop
Article no.	H82365-B	H82363-B	H82366-B
Order no.	2TMA130050B0005	2TMA130050B0003	2TMA130050B0006

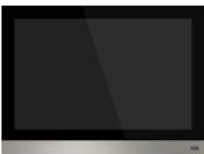
ABB-free@home®

Displays



IP touch 10", White

Description	The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like video surveillance, access control and home automation			
Features	<ul style="list-style-type: none"> - Intuitive GUI on sliding screen (1024 x 600) - Clean & consistent design with invisible mic & speaker hole - Slim thickness with 7.8 mm when flush mounted - Color,material, End trip & mounting type selectable - Extension to App without additional system device - Central control panel to DES, Surveillance, Home automation (KNX & F@H) - API & Web-browser enable easy 3rd party integration - Cyber security and data privacy - Easy installation in all kind of walls - PoE and local power supply 			
Technical details	<ul style="list-style-type: none"> - Flush mounting and surface mounting - Dustproof and waterproof as IP30 - Dimensions: 139 x 150 x 36 mm 			
Version	LAN + LAN interface, with induction loop, with PoE	LAN + WiFi interface, with induction loop, with PoE	Full glass panel LAN + LAN interface, with induction loop, with PoE	Full glass panel LAN + WiFi interface, with induction loop, with PoE
Article no.	H8237-5W	H8237-4W	H8237-9WG	H8237-8WG
Order no.	2TMA130050W0055	2TMA130050W0054	2TMA130051W0005	2TMA130051W0004



IP touch 10", Black

Description	The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like video surveillance, access control and home automation			
Features	<ul style="list-style-type: none"> - Intuitive GUI on sliding screen (1024 x 600) - Clean & consistent design with invisible mic & speaker hole - Slim thickness with 7.8 mm when flush mounted - Color,material, End trip & mounting type selectable - Extension to App without additional system device - Central control panel to DES, Surveillance, Home automation (KNX & F@H) - API & Web-browser enable easy 3rd party integration - Cyber security and data privacy - Easy installation in all kind of walls - PoE and local power supply 			
Technical details	<ul style="list-style-type: none"> - Flush mounting and surface mounting - Dustproof and waterproof as IP30 - Dimensions: 139 x 150 x 36 mm 			
Version	Stainless steel LAN + LAN interface, with induction loop, with PoE	Stainless steel LAN + WiFi interface, with induction loop, with PoE	Full glass panel LAN + LAN interface, with induction loop, with PoE	Full glass panel LAN + WiFi interface, with induction loop, with PoE
Article no.	H8237-5B	H8237-4B	H8237-9BG	H8237-8GB
Order no.	2TMA130050B0055	2TMA130050B0054	2TMA130051B0005	2TMA130051B0004

ABB-free@home®

Displays



Temperature sensor

For use as remote sensor.
Line type: H03 VV-F
Cable length: 4 m
Type: NTC 10 kohm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
	213339	DP4-T-1	2CKA006220A0721		1



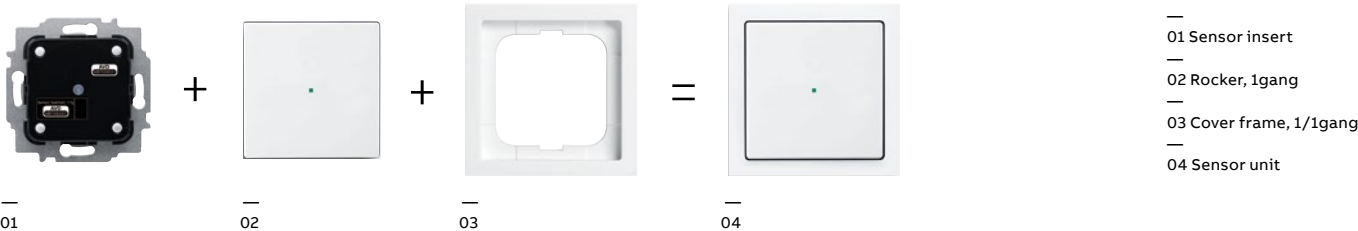
Flush-mounted installation box

For flush-mounted und hollow-wall installation of the ABB-free@homeTouch 4.3" DP4-1-6XX.
Windproof.
Installation dimensions (H x W x D): 82 mm x 123 mm x 50 mm
Installation depth: 50 mm
Mounting depth: 50 mm
Halogen free.

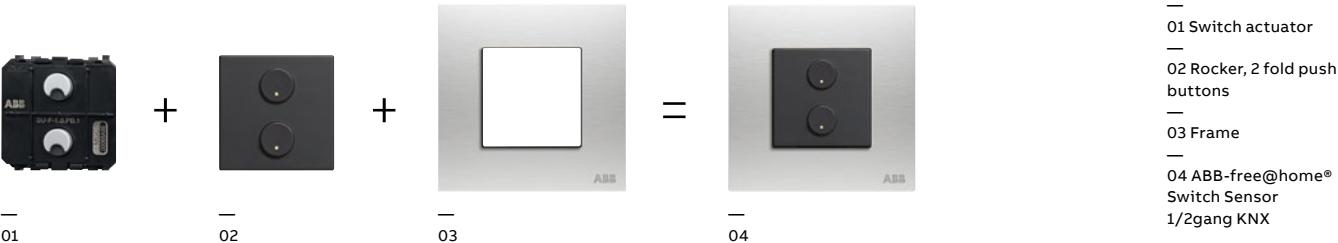
Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
	202296	DP4-F	2CKA006220A0389		1

ABB-free@home®
Installation Standards

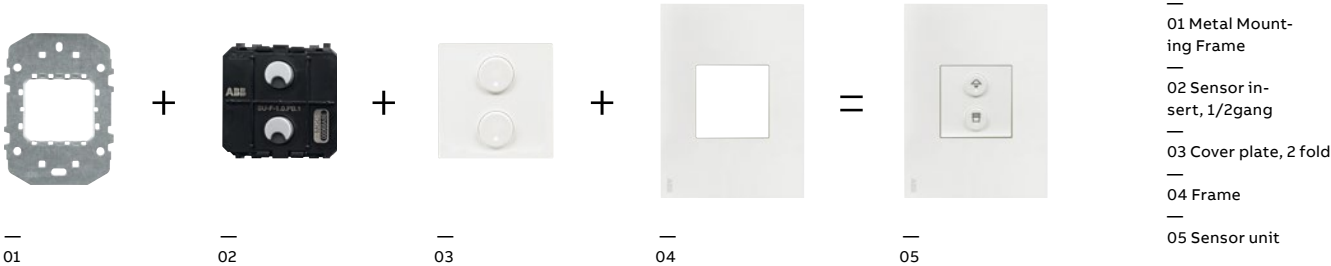
VDE



British standard



NEMA



Italian standard

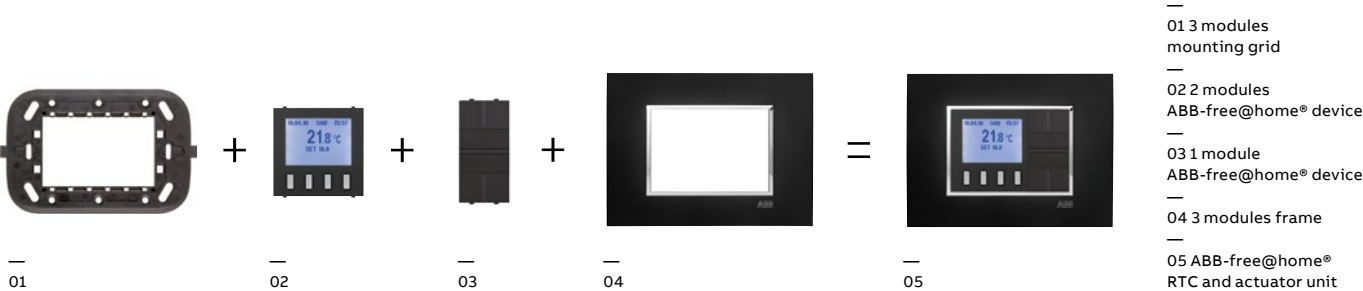
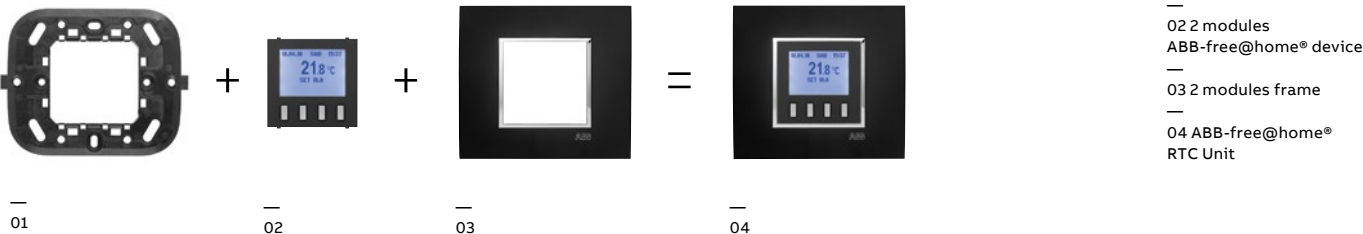


ABB-free@home®

VDE



Rocker

1gang, without printing

As cover for ABB-free@home® sensor units and sensor/actuator units

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
		EAN	Type code			
			Order code		kg	pc.
81 anthracite	181492	SR-1-81	2CKA006220A0137			1
82 ivory white	203453	SR-1-82	2CKA006220A0516			1
83 aluminium silver	182178	SR-1-83	2CKA006220A0138			1
84 studio white	181836	SR-1-84	2CKA006220A0139			1
803 grey metallic	203866	SR-1-803	2CKA006220A0550			1
840 antique brass	195598	SR-1-840	2CKA006220A0371			1
866 stainless steel	203699	SR-1-866	2CKA006220A0533			1
884 studiowhite matt	204337	SR-1-884	2CKA006220A0601			1
885 black matt	204511	SR-1-885	2CKA006220A0618			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
		EAN	Type code			
			Order code		kg	pc.
92 white	204689	SR-1-92	2CKA006220A0635			1
93 champagne	204856	SR-1-93	2CKA006220A0652			1
94 alpine white	205006	SR-1-94	2CKA006220A0669			1
95 chateau-black	205150	SR-1-95	2CKA006220A0686			1
96 chalet white	205365	SR-1-96	2CKA006220A0703			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
		EAN	Type code			
			Order code		kg	pc.
AI Stainless Steel	146270	SR-1-85AI	2CLA852620A1401			1
BL Soft White	135205	SR-1-85BL	2CLA852620A1101			1
NS Soft Black	146287	SR-1-85NS	2CLA852620A1501			1
PL Silver	135212	SR-1-85PL	2CLA852620A1301			1

ABB-free@home®

VDE



Rocker

1gang, with "Light" icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180754	SRL-1-212	2CKA006220A0184			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181140	SRL-1-214	2CKA006220A0185			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181515	SRL-1-81	2CKA006220A0140			1
82 ivory white	203460	SRL-1-82	2CKA006220A0517			1
83 aluminium silver	182185	SRL-1-83	2CKA006220A0141			1
84 studio white	181843	SRL-1-84	2CKA006220A0142			1
803 grey metallic	203873	SRL-1-803	2CKA006220A0551			1
840 antique brass	195604	SRL-1-840	2CKA006220A0372			1
866 stainless steel	203705	SRL-1-866	2CKA006220A0534			1
884 studiowhite matt	204344	SRL-1-884	2CKA006220A0602			1
885 black matt	204528	SRL-1-885	2CKA006220A0619			1

basic55®

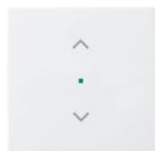
Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204696	SRL-1-92	2CKA006220A0636			1
93 champagne	204863	SRL-1-93	2CKA006220A0653			1
94 alpine white	205013	SRL-1-94	2CKA006220A0670			1
95 chateau-black	205167	SRL-1-95	2CKA006220A0687			1
96 chalet white	205372	SRL-1-96	2CKA006220A0704			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	144955	SRL-1-85AI	2CLA852626A1401			1
BL Soft White	144931	SRL-1-85BL	2CLA852626A1101			1
NS Soft Black	144962	SRL-1-85NS	2CLA852626A1501			1
PL Silver	144948	SRL-1-85PL	2CLA852626A1301			1

ABB-free@home®

VDE



Rocker

1gang, with “Blind” icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180761	SRB-1-212	2CKA006220A0186			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181157	SRB-1-214	2CKA006220A0187			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 antracite	181522	SRB-1-81	2CKA006220A0143			1
82 ivory white	203477	SRB-1-82	2CKA006220A0518			1
83 aluminium silver	182192	SRB-1-83	2CKA006220A0144			1
84 studio white	181850	SRB-1-84	2CKA006220A0145			1
803 grey metallic	203880	SRB-1-803	2CKA006220A0552			1
840 antique brass	195611	SRB-1-840	2CKA006220A0373			1
866 stainless steel	203712	SRB-1-866	2CKA006220A0535			1
884 studiowhite matt	204368	SRB-1-884	2CKA006220A0603			1
885 black matt	204535	SRB-1-885	2CKA006220A0620			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204719	SRB-1-92	2CKA006220A0637			1
93 champagne	204870	SRB-1-93	2CKA006220A0654			1
94 alpine white	205020	SRB-1-94	2CKA006220A0671			1
95 chateau-black	205174	SRB-1-95	2CKA006220A0688			1
96 chalet white	205389	SRB-1-96	2CKA006220A0705			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	144993	SRB-1-85AI	2CLA852623A1401			1
BL Soft White	144979	SRB-1-85BL	2CLA852623A1101			1
NS Soft Black	145006	SRB-1-85NS	2CLA852623A1501			1
PL Silver	144986	SRB-1-85PL	2CLA852623A1301			1

ABB-free@home®

VDE



Rocker

1gang, with “Scene” icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180778	SRS-1-212	2CKA006220A0188			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181171	SRS-1-214	2CKA006220A0189			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181539	SRS-1-81	2CKA006220A0146			1
82 ivory white	203484	SRS-1-82	2CKA006220A0519			1
83 aluminium silver	182215	SRS-1-83	2CKA006220A0147			1
84 studio white	181867	SRS-1-84	2CKA006220A0148			1
803 grey metallic	203897	SRS-1-803	2CKA006220A0553			1
840 antique brass	195628	SRS-1-840	2CKA006220A0374			1
866 stainless steel	203729	SRS-1-866	2CKA006220A0536			1
884 studiowhite matt	204351	SRS-1-884	2CKA006220A0604			1
885 black matt	204542	SRS-1-885	2CKA006220A0621			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204726	SRS-1-92	2CKA006220A0638			1
93 champagne	204887	SRS-1-93	2CKA006220A0655			1
94 alpine white	205037	SRS-1-94	2CKA006220A0672			1
95 chateau-black	205181	SRS-1-95	2CKA006220A0689			1
96 chalet white	205396	SRS-1-96	2CKA006220A0706			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145075	SRS-1-85AI	2CLA852627A1401			1
BL Soft White	145051	SRS-1-85BL	2CLA852627A1101			1
NS Soft Black	145082	SRS-1-85NS	2CLA852627A1501			1
PL Silver	145068	SRS-1-85PL	2CLA852627A1301			1

ABB-free@home®

VDE



Rocker

1gang, with “Dimmer” icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180785	SRD-1-212	2CKA006220A0190			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181188	SRD-1-214	2CKA006220A0191			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181546	SRD-1-81	2CKA006220A0149			1
82 ivory white	203491	SRD-1-82	2CKA006220A0520			1
83 aluminium silver	182222	SRD-1-83	2CKA006220A0150			1
84 studio white	181874	SRD-1-84	2CKA006220A0151			1
803 grey metallic	203910	SRD-1-803	2CKA006220A0554			1
840 antique brass	195635	SRD-1-840	2CKA006220A0375			1
866 stainless steel	203743	SRD-1-866	2CKA006220A0537			1
884 studiowhite matt	204382	SRD-1-884	2CKA006220A0605			1
885 black matt	204559	SRD-1-885	2CKA006220A0622			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204733	SRD-1-92	2CKA006220A0639			1
93 champagne	204894	SRD-1-93	2CKA006220A0656			1
94 alpine white	205044	SRD-1-94	2CKA006220A0673			1
95 chateau-black	205198	SRD-1-95	2CKA006220A0690			1
96 chalet white	205402	SRD-1-96	2CKA006220A0707			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145037	SRD-1-85AI	2CLA852625A1401			1
BL Soft White	145013	SRD-1-85BL	2CLA852625A1101			1
NS Soft Black	145044	SRD-1-85NS	2CLA852625A1501			1
PL Silver	145020	SRD-1-85PL	2CLA852625A1301			1

ABB-free@home®

VDE



Rocker

2gang left/right, without printing

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180792	SR-2-212	2CKA006220A0192			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181195	SR-2-214	2CKA006220A0193			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181553	SR-2-81	2CKA006220A0152			1
82 ivory white	203507	SR-2-82	2CKA006220A0521			1
83 aluminium silver	182239	SR-2-83	2CKA006220A0153			1
84 studio white	181881	SR-2-84	2CKA006220A0154			1
803 grey metallic	203927	SR-2-803	2CKA006220A0555			1
840 antique brass	195642	SR-2-840	2CKA006220A0376			1
866 stainless steel	203750	SR-2-866	2CKA006220A0538			1
884 studiowhite matt	204399	SR-2-884	2CKA006220A0606			1
885 black matt	204566	SR-2-885	2CKA006220A0623			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204740	SR-2-92	2CKA006220A0640			1
93 champagne	204900	SR-2-93	2CKA006220A0657			1
94 alpine white	205051	SR-2-94	2CKA006220A0674			1
95 chateau-black	205204	SR-2-95	2CKA006220A0691			1
96 chalet white	205419	SR-2-96	2CKA006220A0708			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	146294	SR-2-85AI	2CLA852640A1401			1
BL Soft White	135229	SR-2-85BL	2CLA852640A1101			1
NS Soft Black	146300	SR-2-85NS	2CLA852640A1501			1
PL Silver	135236	SR-2-85PL	2CLA852640A1301			1

ABB-free@home®

VDE



Rocker

2gang left, with “Light” icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180808	SRL-2-L-212	2CKA006220A0194			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181218	SRL-2-L-214	2CKA006220A0195			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181560	SRL-2-L-81	2CKA006220A0155			1
82 ivory white	203606	SRL-2-L-82	2CKA006220A0522			1
83 aluminium silver	182246	SRL-2-L-83	2CKA006220A0156			1
84 studio white	181898	SRL-2-L-84	2CKA006220A0157			1
803 grey metallic	203934	SRL-2-L-803	2CKA006220A0556			1
840 antique brass	195659	SRL-2-L-840	2CKA006220A0377			1
866 stainless steel	203767	SRL-2-L-866	2CKA006220A0539			1
884 studiowhite matt	204412	SRL-2-L-884	2CKA006220A0607			1
885 black matt	204573	SRL-2-L-885	2CKA006220A0624			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204757	SRL-2-L-92	2CKA006220A0641			1
93 champagne	204917	SRL-2-L-93	2CKA006220A0658			1
94 alpine white	205068	SRL-2-L-94	2CKA006220A0675			1
95 chateau-black	205211	SRL-2-L-95	2CKA006220A0692			1
96 chalet white	205426	SRL-2-L-96	2CKA006220A0709			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145112	SRL-2-L-85AI	2CLA852642A1401			1
BL Soft White	145099	SRL-2-L-85BL	2CLA852642A1101			1
NS Soft Black	145129	SRL-2-L-85NS	2CLA852642A1501			1
PL Silver	145105	SRL-2-L-85PL	2CLA852642A1301			1

ABB-free@home®

VDE

Rocker

2gang left/right, "Blind" icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180815	SRB-2-212	2CKA006220A0196			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181225	SRB-2-214	2CKA006220A0197			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181577	SRB-2-81	2CKA006220A0158			1
82 ivory white	203613	SRB-2-82	2CKA006220A0523			1
83 aluminium silver	182253	SRB-2-83	2CKA006220A0159			1
84 studio white	181911	SRB-2-84	2CKA006220A0160			1
803 grey metallic	203941	SRB-2-803	2CKA006220A0557			1
840 antique brass	195666	SRB-2-840	2CKA006220A0378			1
866 stainless steel	203774	SRB-2-866	2CKA006220A0540			1
884 studiowhite matt	204429	SRB-2-884	2CKA006220A0608			1
885 black matt	204580	SRB-2-885	2CKA006220A0625			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204764	SRB-2-92	2CKA006220A0642			1
93 champagne	204924	SRB-2-93	2CKA006220A0659			1
94 alpine white	205075	SRB-2-94	2CKA006220A0676			1
95 chateau-black	205228	SRB-2-95	2CKA006220A0693			1
96 chalet white	205433	SRB-2-96	2CKA006220A0710			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145556	SRB-2-85AI	2CLA852643A1401			1
BL Soft White	145532	SRB-2-85BL	2CLA852643A1101			1
NS Soft Black	145563	SRB-2-85NS	2CLA852643A1501			1
PL Silver	145549	SRB-2-85PL	2CLA852643A1301			1

ABB-free@home®

VDE



Rocker

2gang left, with "Scene" icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180839	SRS-2-L-212	2CKA006220A0198			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181232	SRS-2-L-214	2CKA006220A0199			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181584	SRS-2-L-81	2CKA006220A0161			1
82 ivory white	203620	SRS-2-L-82	2CKA006220A0524			1
83 aluminium silver	182260	SRS-2-L-83	2CKA006220A0162			1
84 studio white	181928	SRS-2-L-84	2CKA006220A0163			1
803 grey metallic	203958	SRS-2-L-803	2CKA006220A0558			1
840 antique brass	195673	SRS-2-L-840	2CKA006220A0379			1
866 stainless steel	203781	SRS-2-L-866	2CKA006220A0541			1
884 studiowhite matt	204436	SRS-2-L-884	2CKA006220A0609			1
885 black matt	204597	SRS-2-L-885	2CKA006220A0626			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204788	SRS-2-L-92	2CKA006220A0643			1
93 champagne	204931	SRS-2-L-93	2CKA006220A0660			1
94 alpine white	205082	SRS-2-L-94	2CKA006220A0677			1
95 chateau-black	205235	SRS-2-L-95	2CKA006220A0694			1
96 chalet white	205440	SRS-2-L-96	2CKA006220A0711			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145310	SRS-2-L-85AI	2CLA852644A1401			1
BL Soft White	145297	SRS-2-L-85BL	2CLA852644A1101			1
NS Soft Black	145327	SRS-2-L-85NS	2CLA852644A1501			1
PL Silver	145303	SRS-2-L-85PL	2CLA852644A1301			1

ABB-free@home®

VDE



Rocker

2gang left, with “Dimmer” icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180846	SRD-2-L-212	2CKA006220A0200			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181249	SRD-2-L-214	2CKA006220A0201			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181591	SRD-2-L-81	2CKA006220A0164			1
82 ivory white	203637	SRD-2-L-82	2CKA006220A0525			1
83 aluminium silver	182277	SRD-2-L-83	2CKA006220A0165			1
84 studio white	181935	SRD-2-L-84	2CKA006220A0166			1
803 grey metallic	203965	SRD-2-L-803	2CKA006220A0559			1
840 antique brass	195680	SRD-2-L-840	2CKA006220A0380			1
866 stainless steel	203798	SRD-2-L-866	2CKA006220A0542			1
884 studiowhite matt	204443	SRD-2-L-884	2CKA006220A0610			1
885 black matt	204610	SRD-2-L-885	2CKA006220A0627			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204795	SRD-2-L-92	2CKA006220A0644			1
93 champagne	204948	SRD-2-L-93	2CKA006220A0661			1
94 alpine white	205099	SRD-2-L-94	2CKA006220A0678			1
95 chateau-black	205242	SRD-2-L-95	2CKA006220A0695			1
96 chalet white	205457	SRD-2-L-96	2CKA006220A0712			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145235	SRD-2-L-85AI	2CLA852641A1401			1
BL Soft White	145211	SRD-2-L-85BL	2CLA852641A1101			1
NS Soft Black	145242	SRD-2-L-85NS	2CLA852641A1501			1
PL Silver	145228	SRD-2-L-85PL	2CLA852641A1301			1

ABB-free@home®

VDE



Rocker

2gang right, with "Light" icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180853	SRL-2-R-212	2CKA006220A0202			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181263	SRL-2-R-214	2CKA006220A0203			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181614	SRL-2-R-81	2CKA006220A0167			1
82 ivory white	203651	SRL-2-R-82	2CKA006220A0527			1
83 aluminium silver	182284	SRL-2-R-83	2CKA006220A0168			1
84 studio white	181942	SRL-2-R-84	2CKA006220A0169			1
803 grey metallic	203989	SRL-2-R-803	2CKA006220A0561			1
840 antique brass	195697	SRL-2-R-840	2CKA006220A0381			1
866 stainless steel	203828	SRL-2-R-866	2CKA006220A0544			1
884 studiowhite matt	204467	SRL-2-R-884	2CKA006220A0612			1
885 black matt	204634	SRL-2-R-885	2CKA006220A0629			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204818	SRL-2-R-92	2CKA006220A0646			1
93 champagne	204962	SRL-2-R-93	2CKA006220A0663			1
94 alpine white	205112	SRL-2-R-94	2CKA006220A0680			1
95 chateau-black	205266	SRL-2-R-95	2CKA006220A0697			1
96 chalet white	205471	SRL-2-R-96	2CKA006220A0714			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145150	SRL-2-R-85AI	2CLA852648A1401			1
BL Soft White	145136	SRL-2-R-85BL	2CLA852648A1101			1
NS Soft Black	145167	SRL-2-R-85NS	2CLA852648A1501			1
PL Silver	145143	SRL-2-R-85PL	2CLA852648A1301			1

ABB-free@home®

VDE



Rocker

2gang right, with "Scene" icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180884	SRS-2-R-212	2CKA006220A0206			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181287	SRS-2-R-214	2CKA006220A0207			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181638	SRS-2-R-81	2CKA006220A0173			1
82 ivory white	203668	SRS-2-R-82	2CKA006220A0528			1
83 aluminium silver	182314	SRS-2-R-83	2CKA006220A0174			1
84 studio white	181966	SRS-2-R-84	2CKA006220A0175			1
803 grey metallic	203996	SRS-2-R-803	2CKA006220A0562			1
840 antique brass	195710	SRS-2-R-840	2CKA006220A0382			1
866 stainless steel	203835	SRS-2-R-866	2CKA006220A0545			1
884 studiowhite matt	204474	SRS-2-R-884	2CKA006220A0613			1
885 black matt	204641	SRS-2-R-885	2CKA006220A0630			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204825	SRS-2-R-92	2CKA006220A0647			1
93 champagne	204979	SRS-2-R-93	2CKA006220A0664			1
94 alpine white	205129	SRS-2-R-94	2CKA006220A0681			1
95 chateau-black	205273	SRS-2-R-95	2CKA006220A0698			1
96 chalet white	205488	SRS-2-R-96	2CKA006220A0715			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145358	SRS-2-R-85AI	2CLA852649A1401			1
BL Soft White	193595	SRS-2-R-85BL	2CLA852647A1101			1
NS Soft Black	145365	SRS-2-R-85NS	2CLA852649A1501			1
PL Silver	145341	SRS-2-R-85PL	2CLA852649A1301			1

ABB-free@home®

VDE



Rocker

2gang right, with “Dimmer” icon

As cover for ABB-free@home® sensor units and sensor/actuator units

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	188507	SRD-2-R-212	2CKA006220A0261			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	188514	SRD-2-R-214	2CKA006220A0262			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	188477	SRD-2-R-81	2CKA006220A0258			1
82 ivory white	203644	SRD-2-R-82	2CKA006220A0526			1
83 aluminium silver	188484	SRD-2-R-83	2CKA006220A0259			1
84 studio white	188491	SRD-2-R-84	2CKA006220A0260			1
803 grey metallic	203972	SRD-2-R-803	2CKA006220A0560			1
840 antique brass	195727	SRD-2-R-840	2CKA006220A0383			1
866 stainless steel	203811	SRD-2-R-866	2CKA006220A0543			1
884 studiowhite matt	204450	SRD-2-R-884	2CKA006220A0611			1
885 black matt	204627	SRD-2-R-885	2CKA006220A0628			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204801	SRD-2-R-92	2CKA006220A0645			1
93 champagne	204955	SRD-2-R-93	2CKA006220A0662			1
94 alpine white	205105	SRD-2-R-94	2CKA006220A0679			1
95 chateau-black	205259	SRD-2-R-95	2CKA006220A0696			1
96 chalet white	205464	SRD-2-R-96	2CKA006220A0713			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145273	SRD-2-R-85AI	2CLA852640A2401			1
BL Soft White	145259	SRD-2-R-85BL	2CLA852640A2101			1
NS Soft Black	145280	SRD-2-R-85NS	2CLA852640A2501			1
PL Silver	145266	SRD-2-R-85PL	2CLA852640A2301			1

ABB-free@home®

VDE



Cover plate

For room thermostat

As cover for ABB-free@home® room temperature controller RTC-F-1.

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	180914	CP-RTC-212	2CKA006220A0210			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	181317	CP-RTC-214	2CKA006220A0211			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	181652	CP-RTC-81	2CKA006220A0179			1
82 ivory white	205693	CP-RTC-82	2CKA006220A0529			1
83 aluminium silver	182345	CP-RTC-83	2CKA006220A0180			1
84 studio white	181980	CP-RTC-84	2CKA006220A0181			1
803 grey metallic	205747	CP-RTC-803	2CKA006220A0563			1
840 antique brass	195734	CP-RTC-840	2CKA006220A0384			1
866 stainless steel	205723	CP-RTC-866	2CKA006220A0546			1
884 studiowhite matt	205815	CP-RTC-884	2CKA006220A0614			1
885 black matt	205839	CP-RTC-885	2CKA006220A0631			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	205853	CP-RTC-92	2CKA006220A0648			1
93 champagne	205877	CP-RTC-93	2CKA006220A0665			1
94 alpine white	205891	CP-RTC-94	2CKA006220A0682			1
95 chateau-black	205921	CP-RTC-95	2CKA006220A0699			1
96 chalet white	205952	CP-RTC-96	2CKA006220A0716			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145433	CP-RTC-85AI	2CLA854060A1401			1
BL Soft White	145419	CP-RTC-85BL	2CLA854060A1101			1
NS Soft Black	145440	CP-RTC-85NS	2CLA854060A1501			1
PL Silver	145426	CP-RTC-85PL	2CLA854060A1301			1

ABB-free@home®

VDE



Cover plate

For room thermostat

As cover for ABB-free@home® room temperature controller RTC-F-1.

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	187487	CP-FCC-212	2CKA006220A0245			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	187494	CP-FCC-214	2CKA006220A0246			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	187456	CP-FCC-81	2CKA006220A0242			1
82 ivory white	205716	CP-FCC-82	2CKA006220A0532			1
83 aluminium silver	187463	CP-FCC-83	2CKA006220A0243			1
84 studio white	187470	CP-FCC-84	2CKA006220A0244			1
803 grey metallic	205754	CP-FCC-803	2CKA006220A0566			1
866 stainless steel	205730	CP-FCC-866	2CKA006220A0549			1
884 studiowhite matt	205822	CP-FCC-884	2CKA006220A0617			1
885 black matt	205846	CP-FCC-885	2CKA006220A0634			1

basic55®

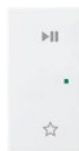
Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	205860	CP-FCC-92	2CKA006220A0651			1
93 champagne	205884	CP-FCC-93	2CKA006220A0668			1
94 alpine white	205914	CP-FCC-94	2CKA006220A0685			1
95 chateau-black	205938	CP-FCC-95	2CKA006220A0702			1
96 chalet white	205969	CP-FCC-96	2CKA006220A0719			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145471	CP-RTC-FC-85AI	2CLA855420A1401			1
BL Soft White	145457	CP-RTC-FC-85BL	2CLA855420A1101			1
NS Soft Black	145488	CP-RTC-FC-85NS	2CLA855420A1501			1
PL Silver	145464	CP-RTC-FC-85PL	2CLA855420A1301			1

ABB-free@home®

VDE



Cover plate

For 2 fold left push button with play/pause symbol

As cover for ABB-free@home® sensor units and sensor/actuator units

Sonos

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	261095	SRA-2-L-212	2CKA006220A0763			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	257821	SRA-2-L-214	2CKA006220A0765			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	257722	SRA-2-L-81	2CKA006220A0755			1
82 ivory white	257746	SRA-2-L-82	2CKA006220A0757			1
83 aluminium silver	257760	SRA-2-L-83	2CKA006220A0759			1
84 studio white	257784	SRA-2-L-84	2CKA006220A0761			1
803 grey metallic	257845	SRA-2-L-803	2CKA006220A0767			1
840 antique brass	257951	SRA-2-L-840	2CKA006220A0775			1
866 stainless steel	257883	SRA-2-L-866	2CKA006220A0769			1
884 studiowhite matt	261101	SRA-2-L-884	2CKA006220A0771			1
885 black matt	257937	SRA-2-L-885	2CKA006220A0773			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	257975	SRA-2-L-92	2CKA006220A0777			1
93 champagne	257999	SRA-2-L-93	2CKA006220A0779			1
94 alpine white	258019	SRA-2-L-94	2CKA006220A0781			1
95 chateau-black	258033	SRA-2-L-95	2CKA006220A0783			1
96 chalet white	258057	SRA-2-L-96	2CKA006220A0785			1

ABB-free@home®

VDE



Cover plate

For 2 fold right push button with volume symbol

As cover for ABB-free@home® sensor units and sensor/actuator units

Sonos

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	257814	SRA-2-R-212	2CKA006220A0764			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	257838	SRA-2-R-214	2CKA006220A0766			1

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	257739	SRA-2-R-81	2CKA006220A0756			1
82 ivory white	257753	SRA-2-R-82	2CKA006220A0758			1
83 aluminium silver	257777	SRA-2-R-83	2CKA006220A0760			1
84 studio white	257791	SRA-2-R-84	2CKA006220A0762			1
803 grey metallic	257876	SRA-2-R-803	2CKA006220A0768			1
840 antique brass	257968	SRA-2-R-840	2CKA006220A0776			1
866 stainless steel	257890	SRA-2-R-866	2CKA006220A0770			1
884 studiowhite matt	257920	SRA-2-R-884	2CKA006220A0772			1
885 black matt	257944	SRA-2-R-885	2CKA006220A0774			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	257982	SRA-2-R-92	2CKA006220A0778			1
93 champagne	261118	SRA-2-R-93	2CKA006220A0780			1
94 alpine white	258026	SRA-2-R-94	2CKA006220A0782			1
95 chateau-black	258040	SRA-2-R-95	2CKA006220A0784			1
96 chalet white	258064	SRA-2-R-96	2CKA006220A0786			1

ABB-free@home®

Sensor unit



Sensor unit, 1gang^{1) 2)}

For transmitting switching, push-button, dimming and blind commands to an ABB-free@home® actuator.

Only to be used in combination with ABB-free@home® 1gang rockers.

The bus can be connected via enclosed terminal block.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 23 mm

Mounting depth: 9 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	180075	SU-F-1.0.1	2CKA006220A0117			1



Sensor unit, 1gang, wireless^{1) 2)}

For transmitting switching, push-button, dimming and blind commands to an ABB-free@home® actuator.

Communication with the free@home system is carried out wireless.

Only to be used in combination with ABB-free@home® 1gang rockers.

The bus can be connected via enclosed terminal block.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Rated voltage: 230 V~

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215616	SU-F-1.0.1-WL	2CKA006200A0072			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Sensor unit, 2gang^{1) 2)}

For transmitting switching, push-button, dimming and blind commands to an ABB-free@home® actuator.

Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 23 mm

Mounting depth: 9 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	180082	SU-F-2.0.1	2CKA006220A0118			1



Sensor unit, 2gang, wireless^{1) 2)}

For transmitting switching, push-button, dimming and blind commands to an ABB-free@home® actuator.

Communication with the free@home system is carried out wireless.

Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Rated voltage: 230 V~

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215623	SU-F-2.0.1-WL	2CKA006200A0073			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Room thermostat ^{1) 2)}

Heating/cooling operation.

Control element with room temperature controller function for controlling commercially available actuating drives in connection with HA-M-0.6.1, HA-M-0.12.1, FCA-M-2.3.1.

With display of set-value temperature.

Only to be used in combination with ABB-free@home® room temperature controller cover plates CP-RTC-xxx.

The bus can be connected via enclosed terminal block.

Control element: Floating rocker for the selection of set values and operating modes

Display elements: LCD showing operation modes

Bus voltage: 24 V

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm

Mounting depth: 14 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
180099	RTC-F-1	2CKA006220A0122			1



Room thermostat, wireless ^{1) 2)}

Heating/cooling operation.

Communication with the free@home system is carried out wireless.

Control element with room temperature controller function for controlling commercially available actuating drives in connection with HA-M-0.6.1, HA-M-0.12.1, FCA-M-2.3.1.

With display of set-value temperature.

Only to be used in combination with ABB-free@home® room temperature controller cover plates CP-RTC-xxx.

The bus can be connected via enclosed terminal block.

Control element: Floating rocker for the selection of set values and operating modes

Display elements: LCD showing operation modes

Bus voltage: 230 V~

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 48 mm

Mounting depth: 32 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
WIRELESS					
215715	RTC-F-1-WL				1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Room temperature controller/heating actuator, wireless ^{1) 2)}

Heating/cooling operation. Communication with the free@home system is carried out wireless.

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 (preconfigured).

In connection with temperature sensor DP4-T-1 the integrated room temperature controller can be fitted with a remote sensor.

3 wire connection (neutral conductor required).

Only to be used in combination with ABB-free@home® room temperature controller cover plates CP-RTC-XXX.

With fixing claws.

Control element: Floating rocker for the selection of set values and operating modes

Display elements: LCD showing operation modes

Rated voltage: 230 V~

Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Supply voltage: 230 V~

Suitable for: ohmic

Rated current: 16 A

Output voltage: 230 V~

Rated power: 3 680 W

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 48 mm

Mounting depth: 32 mm

WIRELESS	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
	215722	RTC-F-2.1-1-WL	2CKA006200A0082			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Switch actuator sensor, 1/1gang ^{1) 2)}

For switching 127 V~/230 V~ consumers.

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.).

Only to be used in combination with ABB-free@home® 1gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x Normally open contact, potential free

Suitable for: ohmic

Rated current: 10 A

Output voltage: 230 V~

Rated power: 2300 W

Suitable for: capacitive

Rated current: 10 AX

Rated power: 2300 VA

Suitable for: inductive

Rated current: 10 AX

Rated power: 2300 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

Bbn	Order details		Price	Weight	Pack
4011395			1 piece	1 piece	unit
EAN	Type code	Order code		kg	pc.
180112	SSA-F-1.1.1	2CKA006220A0123			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Switch actuator sensor, 1/1gang, wireless ^{1) 2)}

For switching 127 V~/230 V~ consumers.

Communication with the free@home system is carried out wireless.

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.).

Only to be used in combination with ABB-free@home® 1gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x Normally open contact, potential free

Suitable for: ohmic

Rated current: 10 A

Output voltage: 230 V~

Rated power: 2300 W

Suitable for: capacitive

Rated current: 10 AX

Rated power: 2300 VA

Suitable for: inductive

Rated current: 10 AX

Rated power: 2300 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215630	SSA-F-1.1.1-WL	2CKA006200A0074			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Switch actuator sensor, 2/1gang^{1) 2)}

For switching 127 V~/230 V~ consumers.

With integrated switch actuator.

Switching 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.).

Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x Normally open contact, potential free

Suitable for: ohmic

Rated current: 10 A

Output voltage: 230 V~

Rated power: 2300 W

Suitable for: capacitive

Rated current: 10 AX

Rated power: 2300 VA

Suitable for: inductive

Rated current: 10 AX

Rated power: 2300 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

Bbn	Order details		Price	Weight	Pack
4011395			1 piece	1 piece	unit
EAN	Type code	Order code		kg	pc.
180129	SSA-F-2.1.1	2CKA006220A0124			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Switch actuator sensor, 2/1gang, wireless ^{1) 2)}

For switching 127 V~/230 V~ consumers.

Communication with the free@home system is carried out wireless.

With integrated switch actuator.

Switching 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.).

Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x Normally open contact, potential free

Suitable for: ohmic

Rated current: 10 A

Output voltage: 230 V~

Rated power: 2300 W

Suitable for: capacitive

Rated current: 10 AX

Rated power: 2300 VA

Suitable for: inductive

Rated current: 10 AX

Rated power: 2300 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215647	SSA-F-2.1.1-WL	2CKA006200A0075			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Switch actuator sensor, 2/2gang ^{1) 2)}

For switching 127 V~/230 V~ consumers.

With integrated 2gang switch actuator.

Switching function is available also without prior programming (both sensor channels are pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 2x Normally open contact, potential free

Suitable for: ohmic

Rated current: 5 A

Output voltage: 230 V~

Rated power: 1380 W

Suitable for: capacitive

Rated current: 4 AX

Rated power: 920 VA

Suitable for: inductive

Rated current: 4 AX

Rated power: 920 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
	180136	SSA-F-2.2.1	2CKA006220A0125		1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Switch actuator sensor, 2/2gang, wireless ^{1) 2)}

For switching 127 V~/230 V~ consumers.

Communication with the free@home system is carried out wireless.

With integrated 2gang switch actuator.

Switching function is available also without prior programming (both sensor channels are pre-configured). Configuration can be changed later via the web interface (groups, scenes, etc.). Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 2x Normally open contact, potential free

Suitable for: ohmic

Rated current: 5 A

Output voltage: 230 V~

Rated power: 1380 W

Suitable for: capacitive

Rated current: 4 AX

Rated power: 920 VA

Suitable for: inductive

Rated current: 4 AX

Rated power: 920 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215654	SSA-F-2.2.1-WL	2CKA006200A0076			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Dimming actuator sensor, 1/1gang^{1) 2) 3)}

For dimming 230 V~ loads.

With integrated 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).

Dimming function is available also without prior programming (pre-configured).

Configuration can be changed later via the web interface (groups, scenes, etc.).

Only to be used in combination with ABB-free@home® 1gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x dimming channel

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.

Rated power: 10 - 180 W/VA

Suitable for: LEDi and energy-saving bulbs; typical

Rated power: 2 - 80 W/VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
	EAN	Type code	Order code		
	180143	SDA-F-1.1.1	2CKA006220A0126		1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

3) The power is supplied by the ABB-Welcome system controller 83300.

ABB-free@home®

Sensor unit



Dimming actuator sensor, 1/1gang, wireless ^{1) 2) 3)}

For dimming 230 V~ loads.

Communication with the free@home system is carried out wireless.

With integrated 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).

Dimming function is available also without prior programming (pre-configured).

Configuration can be changed later via the web interface (groups, scenes, etc.).

Only to be used in combination with ABB-free@home® 1gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x dimming channel

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.

Rated power: 10 - 180 W/VA

Suitable for: LEDi and energy-saving bulbs; typical

Rated power: 2 - 80 W/VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215661	SDA-F-1.1.1-WL	2CKA006200A0077			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

3) The power is supplied by the ABB-Welcome system controller 83300.

ABB-free@home®
Sensor unit



Dimming actuator sensor, 2/1gang ^{1) 2) 3)}

For dimming 230 V~ loads.

With integrated 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).

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.).

Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x dimming channel

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.

Rated power: 10 - 180 W/VA

Suitable for: LEDi and energy-saving bulbs; typical

Rated power: 2 - 80 W/VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
	EAN	Type code	Order code		
	180150	SDA-F-2.1.1	2CKA006220A0127		1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

3) The power is supplied by the ABB-Welcome system controller 83300.

ABB-free@home®

Sensor unit



Dimming actuator sensor, 2/1gang, wireless ^{1) 2) 3)}

For dimming 230 V~ loads.

Communication with the free@home system is carried out wireless.

With integrated 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).

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.).

Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x dimming channel

Suitable for: 230 V incandescent lamps and low-voltage halogen lamps with conventional transformers or electronic transformer.

Rated power: 10 - 180 W/VA

Suitable for: LEDi and energy-saving bulbs; typical

Rated power: 2 - 80 W/VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215678	SDA-F-2.1.1-WL	2CKA006200A0078			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

3) The power is supplied by the ABB-Welcome system controller 83300.

ABB-free@home®

Sensor unit



Blind actuator sensor, 1/1gang ^{1) 2)}

For controlling blind or awning motors.

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.).

Only to be used in combination with ABB-free@home® 1gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x Change-over contacts/normally open contact, potential-bound

Suitable for: Operation mode Blind

Rated current: 4 A

Output voltage: 230 V~

Rated power: 920 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

Bbn	Order details		Price	Weight	Pack
4011395			1 piece	1 piece	unit
EAN	Type code	Order code		kg	pc.
180167	SBA-F-1.1.1	2CKA006220A0128			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Blind actuator sensor, 1/1gang, wireless ¹⁾²⁾

For controlling blind or awning motors.

Communication with the free@home system is carried out wireless.

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.).

Only to be used in combination with ABB-free@home® 1gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x Change-over contacts/normally open contact, potential-bound

Suitable for: Operation mode Blind

Rated current: 4 A

Output voltage: 230 V~

Rated power: 920 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
WIRELESS					
215685	SBA-F-1.1.1-WL	2CKA006200A0079			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Blind actuator sensor, 2/1gang ^{1) 2)}

For controlling blind or awning motors.

With integrated blind actuator.

Blind 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.).

Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x Change-over contacts/normally open contact, potential-bound

Suitable for: Operation mode Blind

Rated current: 4 A

Output voltage: 230 V~

Rated power: 920 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
	180174	SBA-F-2.1.1	2CKA006220A0129		1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Blind actuator sensor, 2/1gang, wireless ^{1) 2)}

For controlling blind or awning motors.

Communication with the free@home system is carried out wireless.

With integrated blind actuator.

Blind 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.).

Only to be used in combination with ABB-free@home® 2gang rockers.

The bus can be connected via enclosed terminal block.

When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Control element: Switch contacts top/bottom

Display elements: LED as light for orientation or display of the switching state

Bus voltage: 24 V

Outputs: 1x Change-over contacts/normally open contact, potential-bound

Suitable for: Operation mode Blind

Rated current: 4 A

Output voltage: 230 V~

Rated power: 920 VA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 45 mm

Mounting depth: 32 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215692	SBA-F-2.1.1-WL	2CKA006200A0080			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Movement detector/switch actuator, 1gang ^{1) 2)}

With select lens for detection with animal access.

For automatic switching of ABB-free@home® actuators dependent on movement and brightness. Switch-off delay of the actuator can be programmed via the web interface of the System Access Point. For switching 127 V~/230 V~ consumers. 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 bus can be connected via enclosed terminal block. When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Bus voltage: 24 V

Outputs: 1x Normally open contact, potential free

Suitable for: ohmic

Rated current: 10 A

Output voltage: 230 V~

Rated power: 2300 W

Suitable for: capacitive

Rated current: 10 AX

Rated power: 2300 VA

Suitable for: inductive

Rated current: 10 AX

Rated power: 2300 VA

Detection range: frontal: 6 m, lateral: 3 m

Detection angle: 180°

Brightness limit value: 1 Lux - 500 Lux

Mounting height: 1.1 m - 1.3 m

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 32 mm

Position for installation: vertical

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
212 white	179765	MSA-F-1.1.1-212	2CKA006220A0220			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
214 alpine white	179802	MSA-F-1.1.1-214	2CKA006220A0221			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.


ABB-free@home®

Sensor unit

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
81 anthracite	179840	MSA-F-1.1.1-81	2CKA006220A0215			1
82 ivory white	203682	MSA-F-1.1.1-82	2CKA006220A0531			1
83 aluminium silver	179949	MSA-F-1.1.1-83	2CKA006220A0216			1
84 studio white	179895	MSA-F-1.1.1-84	2CKA006220A0217			1
803 grey metallic	204016	MSA-F-1.1.1-803	2CKA006220A0565			1
840 antique brass	195758	MSA-F-1.1.1-840	2CKA006220A0386			1
866 stainless steel	203859	MSA-F-1.1.1-866	2CKA006220A0548			1
884 studiowhite matt	204498	MSA-F-1.1.1-884	2CKA006220A0616			1
885 black matt	204665	MSA-F-1.1.1-885	2CKA006220A0633			1
896 chalet white	204320	MSA-F-1.1.1-896	2CKA006220A0599			1

basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
92 white	204849	MSA-F-1.1.1-92	2CKA006220A0650			1
93 champagne	204993	MSA-F-1.1.1-93	2CKA006220A0667			1
94 alpine white	205143	MSA-F-1.1.1-94	2CKA006220A0684			1
95 chateau-black	205297	MSA-F-1.1.1-95	2CKA006220A0701			1
96 chalet white	205501	MSA-F-1.1.1-96	2CKA006220A0718			1

Sky

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
AI Stainless Steel	145396	CP-MD-85AI	2CLA854150A1401			1
BL Soft White	145372	CP-MD-85BL	2CLA854150A1101			1
NS Soft Black	145402	CP-MD-85NS	2CLA854150A1501			1
PL Silver	145389	CP-MD-85PL	2CLA854150A1301			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.
 2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.

ABB-free@home®

Sensor unit



Movement detector/switch actuator, 1gang, wireless ^{1) 2)}

With select lens for detection with animal access.

Communication with the free@home system is carried out wireless.

For automatic switching of ABB-free@home® actuators dependent on movement and brightness. Switch-off delay of the actuator can be programmed via the web interface of the System Access Point. For switching 127 V~/230 V~ consumers. 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 bus can be connected via enclosed terminal block. When installing in the flush-mounted box, a spatial division between the bus cable and 127 V/230 V installation cable is to be adhered to! If this minimum distance is not possible, use electronic boxes or insulating tubes.

Bus voltage: 24 V

Outputs: 1x Normally open contact, potential free

Suitable for: ohmic

Rated current: 10 A

Output voltage: 230 V~

Rated power: 2300 W

Suitable for: capacitive

Rated current: 10 AX

Rated power: 2300 VA

Suitable for: inductive

Rated current: 10 AX

Rated power: 2300 VA

Detection range: frontal: 6 m, lateral: 3 m

Detection angle: 180°

Brightness limit value: 1 Lux - 500 Lux

Mounting height: 1.1 m - 1.3 m

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 53 mm

Mounting depth: 32 mm

Position for installation: vertical

Busch-Duro 2000® SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
212 white	215821	MSA-F-1.1.1-212-WL	2CKA006200A0092			1

Reflex SI

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
214 alpine white	215838	MSA-F-1.1.1-214-WL	2CKA006200A0093			1

ABB-free@home®

VDE

future® linear, Busch-axcent®, solo®, pure stainless steel, carat®, Busch-dynasty®, wireless

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
81 anthracite	215739	MSA-F-1.1.1-81-WL	2CKA006200A0083			1
82 ivory white	215746	MSA-F-1.1.1-82-WL	2CKA006200A0084			1
83 aluminium silver	215753	MSA-F-1.1.1-83-WL	2CKA006200A0085			1
84 studio white	215760	MSA-F-1.1.1-84-WL	2CKA006200A0086			1
803 grey metallic	215845	MSA-F-1.1.1-803-WL	2CKA006200A0094			1
866 stainless steel	215869	MSA-F-1.1.1-866-WL	2CKA006200A0096			1
884 studiowhite matt	215876	MSA-F-1.1.1-884-WL	2CKA006200A0097			1
885 black matt	215883	MSA-F-1.1.1-885-WL	2CKA006200A0098			1

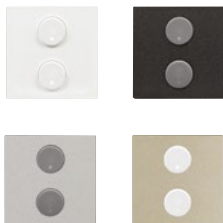
basic55®

Color	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
92 white	215777	MSA-F-1.1.1-92-WL	2CKA006200A0087			1
93 champagne	215784	MSA-F-1.1.1-93-WL	2CKA006200A0088			1
94 alpine white	215791	MSA-F-1.1.1-94-WL	2CKA006200A0089			1
95 chateau-black	215807	MSA-F-1.1.1-95-WL	2CKA006200A0090			1
96 chalet white	215814	MSA-F-1.1.1-96-WL	2CKA006200A0091			1

Notes

ABB-free@home®

Zenit



Cover plate for 2 fold push buttons incl neutral symbols





Cover for ABB-free@home® 1/2 gang switches:

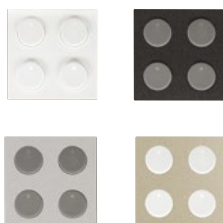
SSA-F-1.1.PB.1, SDA-F-1.1.PB.1, SBA-F-1.1.PB.1 and SU-F-1.0.PB.1

Dimensions (H x W): 44 mm x 44 mm

	Bbn 8427238	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
white	113401	SR-2-N2BL	2CLA222620N1102			1
anthracite	113425	SR-2-N2AN	2CLA222620N1802			1
silver	113418	SR-2-N2PL	2CLA222620N1302			1
champagne	113906	SR-2-N2CV	2CLA222620N1902			1

Available with the following interchangeable icons (blind, light, dimmer, scene)

	SBB-N2BL	2CLA202620N1102		SBL-N2BL	2CLA202610N1102
	SBB-N2GR	2CLA202620N1402		SBL-N2GR	2CLA202610N1402
	SBD-N2BL	2CLA202640N1102		SBS-N2BL	2CLA202630N1102
	SBD-N2GR	2CLA202640N1402		SBS-N2GR	2CLA202630N1402



Cover plate for 4 fold push buttons incl neutral symbols





Cover for ABB-free@home® 2/4 gang switches:

SSA-F-2.1.PB.1, SSA-F-2.2.PB.1, SDA-F-2.1.PB.1, SBA-F-2.1.PB.1 and SU-F-2.0.PB.1

Dimensions (H x W): 44 mm x 44 mm

	Bbn 8427238	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
white	113432	SR-4-N2BL	2CLA222640N1102			1
anthracite	113456	SR-4-N2AN	2CLA222640N1802			1
silver	113449	SR-4-N2PL	2CLA222640N1302			1
champagne	113913	SR-4-N2CV	2CLA222640N1902			1

Available with the following interchangeable icons (blind, light, dimmer, scene)

	SBB-N2BL	2CLA202620N1102		SBL-N2BL	2CLA202610N1102
	SBB-N2GR	2CLA202620N1402		SBL-N2GR	2CLA202610N1402
	SBD-N2BL	2CLA202640N1102		SBS-N2BL	2CLA202630N1102
	SBD-N2GR	2CLA202640N1402		SBS-N2GR	2CLA202630N1402

Color legend:

AN = anthracite, BL = white, PL = silver, CV = champagne, GR = grey

WG = Wengue wood, PZ = Stone slate, CB = White glass, CN = Black glass, OX = Aluminium (Inox AISI304)

ABB-free@home®

Zenit



Cover plate for movement detector

Cover for ABB-free@home® movement detector: MSA-F-1.1.1 and MD-F-1.0.PB.1

Dimensions (H × W): 44 mm x 44 mm

	Bbn 8427238	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
white	113463	CP-MD-N2BL	2CLON224161ABB			1
anthracite	113487	CP-MD-N2AN	2CLON224168ABB			1
silver	113470	CP-MD-N2PL	2CLON224163ABB			1
champagne	113920	CP-MD-N2CV	2CLON224169ABB			1

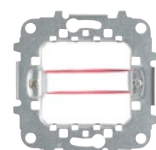
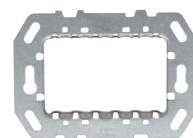
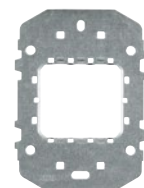


Cover plate for room temperature controller

Cover for ABB-free@home® room temperature controller: RTC-F-1.PB

Dimensions (H × W): 44 mm x 44 mm

	Bbn 8427238	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
white	113494	CP-RTC-N2BL	2CLON224061ABB			1
anthracite	113517	CP-RTC-N2AN	2CLON224068ABB			1
silver	113500	CP-RTC-N2PL	2CLON224063ABB			1
champagne	113937	CP-RTC-N2CV	2CLON224069ABB			1



Metal mounting frame

Metal mounting frame for flush mounted units.

Metal mounting frame with clamps for flush mounted units of Zenit VDE range.

Dimensions (H × W): 102 mm x 74 mm, 74 mm x 102 mm





	Bbn	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
square		N2271.9	2CLA227190N1001			1
vertical		N2371.9 V	2CLA237190N1002			1
horizontal		N2373.9	2CLA237390N1002			1
square with clamps		N2271.9G	2CLA227190N1101			1

ABB-free@home®

Millenium







Cover plate for 2 fold push buttons incl neutral symbols
Cover for ABB-free@home® 1/2 gang switches: SSA-F-1.1.PB.1, SDA-F-1.1.PB.1, SBA-F-1.1.PB.1 and SU-F-1.0.PB.1
Available in the following colors: anthracite
Dimensions (H × W): 44 mm x 44 mm

	Bbn 8427238	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
anthracite	115849	SR-2-AMAN	2CLA622620N1801			1
Available with the following interchangeable icons (blind, light, dimmer, scene)						
	SBB-AMAN	2CLA602620N1801			SBL-AMAN	2CLA602610N1801
	SBD-AMAN	2CLA602640N1801			SBS-AMAN	2CLA602630N1801



Cover plate for 4 fold push buttons incl neutral symbols
Cover for ABB-free@home® 2/4 gang switches: SSA-F-2.1.PB.1, SSA-F-2.2.PB.1, SDA-F-2.1.PB.1, SBA-F-2.1.PB.1 and SU-F-2.0.PB.1
Available in the following colors: anthracite
Dimensions (H × W): 44 mm x 44 mm

	Bbn 8427238	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
anthracite	115856	SR-4-AMAN	2CLA622640N1801			1
Available with the following interchangeable icons (blind, light, dimmer, scene)						
	SBB-AMAN	2CLA602620N1801			SBL-AMAN	2CLA602610N1801
	SBD-AMAN	2CLA602640N1801			SBS-AMAN	2CLA602630N1801

Color legend:
AN = anthracite, BL = white, PL = silver, CV = champagne, GR = grey
WG = Wengue wood, PZ = Stone slate, CB = White glass, CN = Black glass, OX = Aluminium (Inox AISI304)

ABB-free@home®
Millenium



Cover plate for movement detector

Cover for ABB-free@home® movement detector: MSA-F-1.1.1 and MD-F-1.0.PB.1

Available in the following colors: anthracite

Dimensions (H × W): 44 mm x 44 mm

Bbn 8427238	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
115863	CP-MD-AMAN	2CLA624160N1801			1



Cover plate for room temperature controller

Cover for ABB-free@home® room temperature controller: RTC-F-1.PB

Available in the following colors: anthracite

Dimensions (H × W): 44 mm x 44 mm

Bbn 8427238	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
115887	CP-RTC-AMAN	2CLA624060N1801			1

Color legend:

AN = anthracite, BL = white, PL = silver, CV = champagne, GR = grey

WG = Wengue wood, PZ = Stone slate, CB = White glass, CN = Black glass, OX = Aluminium (Inox AISI304)

ABB-free@home®

Zenit/Millennium



Sensor/Switch actuator 1/1gang

For switching 230 V~ devices. With integrated actuator. Switching function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code	kg		pc.
187357	SSA-F-1.1.PB.1	2CKA006220A0232			1



Sensor/Switch actuator 1/1gang, wireless

For switching 230 V~ devices. With integrated actuator. Switching function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code	kg		pc.
WIRELESS					
215975	SSA-F-1.1.PB.1-WL	2CKA006200A0108			1

ABB-free@home®

Zenit/Millennium



Switch/actuator, 2/4gang + 1 actuator

For switching 230 V~ devices. With integrated actuator. Switching function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
187364	SSA-F-2.1.PB.1	2CKA006220A0267			1



Switch/actuator, 2/4gang + 1 actuator, wireless

For switching 230 V~ devices. With integrated actuator. Switching function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
WIRELESS					
215982	SSA-F-2.1.PB.1-WL	2CKA006200A0109			1

ABB-free@home®

Zenit/Millennium



Switch/actuator, 2/4gang + 2 actuator

For switching 230 V~ devices. With integrated actuator. Switching function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code	kg		pc.
187371	SSA-F-2.2.PB.1	2CKA006220A0234			1



Switch/actuator, 2/4gang + 2 actuator, wireless

For switching 230 V~ devices. With integrated actuator. Switching function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
WIRELESS					
215999	SSA-F-2.2.PB.1-WL	2CKA006200A0110			1

ABB-free@home®

Zenit/Millennium



Switch/dimmer, 1/2gang + 1 dimmer

For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code	kg		pc.
187388	SDA-F-1.1.PB.1	2CKA006220A0235			1



Switch/dimmer, 1/2gang + 1 dimmer, wireless

For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code	kg		pc.
WIRELESS					
216002	SDA-F-1.1.PB.1-WL	2CKA006200A0111			1

ABB-free@home®

Zenit/Millennium



Switch/dimmer, 2/4gang + 1 dimmer

For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
187395	SDA-F-2.1.PB.1	2CKA006220A0236			1



Switch/dimmer, 2/4gang + 1 dimmer, wireless

For dimming 230 V~ loads. With integrated universal dimming actuator for controlling different lamps. The dimming function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
WIRELESS					
216019	SDA-F-2.1.PB.1-WL	2CKA006200A0112			1

ABB-free@home®

Zenit/Millennium



Switch/blind actuator, 1/2gang + 1 blind actuator

For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. To be used in combination with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code	kg		pc.
	187401	SBA-F-1.1.PB.1	2CKA006220A0237			1



Switch/blind actuator, 1/2gang + 1 blind actuator, wireless

For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. To be used in combination with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	216026	SBA-F-1.1.PB.1-WL	2CKA006200A0113			1

ABB-free@home®

Zenit/Millennium



Switch/blind actuator, 2/4gang + 1 blind actuator

For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	187418	SBA-F-2.1.PB.1	2CKA006220A0238			1



Switch/blind actuator, 2/4gang + 1 blind actuator, wireless

For controlling blind and awning motors. With integrated blind actuator. Blind function is available pre-configured. To be used with ABB-free@home® Zenit cover plates for 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

Dimensions (H × W × D): 44 mm x 44 mm x 40.9 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	216033	SBA-F-2.1.PB.1-WL	2CKA006200A0114			1

ABB-free@home®

Zenit/Millennium



Room temperature controller

Room temperature control function for controlling commercially available valve drives or analogue valve drives (continuous controllers) in connection with HA-M-0.6.1, HA-M-0.12.1, FCA-M-2.3.1. With display of set-value temperature. To be used with ABB-free@home® Zenit cover plates for room temperature controller.

Display elements: LCD Display showing operation modes

Protection class of device: IP 20

Mounting depth: 17.9 mm

Dimensions (H × W × D): 44 mm x 44 mm x 29.4 mm

Bbn	Order details		Price	Weight	Pack
4011395			1 piece	1 piece	unit
EAN	Type code	Order code	kg		pc.
188743	RTC-F-1.PB	2CKA006220A0276			1



Room temperature controller, wireless

Room temperature control function for controlling commercially available valve drives or analogue valve drives (continuous controllers) in connection with HA-M-0.6.1, HA-M-0.12.1, FCA-M-2.3.1. With display of set-value temperature. To be used with ABB-free@home® Zenit cover plates for room temperature controller.

Display elements: LCD Display showing operation modes

Protection class of device: IP 20

Mounting depth: 17.9 mm

Dimensions (H × W × D): 44 mm x 44 mm x 29.4 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	216040	RTC-F-1.PB-WL	2CKA006200A0115			1

ABB-free@home®

Zenit/Millennium



Room temperature controller/heating actuator, wireless ^{1) 2)}

For ABB-free@home®

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 (preconfigured).

In connection with temperature sensor DP4-T-1 the integrated room temperature controller can be fitted with a remote sensor.

3 wire connection (neutral conductor required).

Only to be used in combination with ABB-free@home® room temperature controller cover plates CP-RTC-XXX. With fixing claws.

Control element: Floating rocker for the selection of set values and operating modes

Display elements: LCD showing operation modes

Rated voltage: 230 V~

Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound

Supply voltage: 230 V~

Suitable for: ohmic

Rated current: 16 A

Output voltage: 230 V~

Rated power: 3680 W

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 48 mm

Mounting depth: 32 mm

WIRELESS	Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	216057	RTC-F-2.1-1.PB-WL	2CKA006200A0116			1

1) Programming only with bus voltage applied via the web interface of the System Access Point.

2) Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current e-catalogue.



Switch 1/2gang

For sending switching, dimming and blind command to an ABB-free@home® actuator.

To be used with ABB-free@home® Zenit cover plates for 2 fold push buttons.

Control element: Switch contacts top/bottom

Display elements: LED for orientation or switch state display

Protection class of device: IP 20

Mounting depth: 14.1 mm

Dimensions (H x W x D): 44 mm x 44 mm x 23.5 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	187258	SU-F-1.0.PB.1	2CKA006220A0222			1

ABB-free@home®

Zenit/Millennium



Switch 1/2gang, wireless

For sending switching, dimming and blind command to an ABB-free@home® actuator.

To be used with ABB-free@home® Zenit cover plates for 2 fold push buttons.

Control element: Switch contacts top/bottom

Display elements: LED for orientation or switch state display

Protection class of device: IP 20

Mounting depth: 14.1 mm

Dimensions (H × W × D): 44 mm x 44 mm x 23.5 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215951	SU-F-1.0.PB.1-WL	2CKA006200A0106			1



Switch 2/4gang

For sending switching, dimming and blind command to an ABB-free@home® actuator.

To be used with ABB-free@home® Zenit cover plates for 4 fold push buttons.

Control element: Switch contacts top/bottom

Display elements: LED for orientation or switch state display

Protection class of device: IP 20

Mounting depth: 14.1 mm

Dimensions (H × W × D): 44 mm x 44 mm x 23.5 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	187265	SU-F-2.0.PB.1	2CKA006220A0223			1



Switch 2/4gang, wireless

For sending switching, dimming and blind command to an ABB-free@home® actuator.

To be used with ABB-free@home® Zenit cover plates for 4 fold push buttons.

Control element: Switch contacts top/bottom

Display elements: LED for orientation or switch state display

Protection class of device: IP 20

Mounting depth: 14.1 mm

Dimensions (H × W × D): 44 mm x 44 mm x 23.5 mm

	Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	215968	SU-F-2.0.PB.1-WL	2CKA006200A0107			1

ABB-free@home®

Zenit/Millennium



Movement detector

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 6m, lateral 3m

Detection angle: 180°

Brightness limit value: 1 – 500 lux

Protection class of device: IP 20

Mounting depth: 14.1mm

Dimensions (H × W × D): 44 mm x 44 mm x 29.6 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
187326	MD-F-1.0.PB.1	2CKA006220A0229			1



Movement detector + 1 actuator

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 6m, lateral 3m

Detection angle: 180°

Brightness limit value: 1 – 500 lux

Protection class of device: IP 20

Mounting depth: 31.5mm

Dimensions (H × W × D): 44 mm x 44 mm x 47 mm

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
187340	MSA-F-1.1.PB.1	2CKA006220A0231			1

ABB-free@home®

Zenit/Millennium



Movement detector + 1 actuator, wireless

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 6m, lateral 3m

Detection angle: 180°

Brightness limit value: 1 – 500 lux

Protection class of device: IP 20

Mounting depth: 31.5 mm

Dimensions (H × W × D): 44 mm x 44 mm x 47 mm

	Bbn	Order details		Price	Weight	Pack
	4011395			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
WIRELESS						
	216064	MSA-F-1.1.1-WL	2CKA006200A0117			1

ABB-free@home®

DINRail



Power Supply, 640 mA, MDRC

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 - 230 V~, +10 % / -15 %

Secondary: 30 V, +2 V / --2 V

Rated frequency: 50 Hz/60 Hz

Outputs: 1

Rated current: 640 mA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm

Module width: 4 MW

Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
941839	PS-M-64.1.1	2CDG510001R0011			1



Switch Actuator, 4-fold, 16 A, MDRC

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

Bus voltage: 24 V

Outputs: 4

Suitable for: AC1

Rated current: 16 A, cos ϕ 0.8

Output voltage: 230 V~

Suitable for: AC3

Rated current: 8 A, cos ϕ 0.45

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm

Module width: 4 MW

Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
942089	SA-M-0.4.1	2CDG510006R0011			1

ABB-free@home®

DINRail



Heating Actuator, 6-fold, 230 V, MDRC

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.

Bus voltage: 24 V

Outputs: 6

Suitable for: ohmic

Rated current: 160 mA

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm

Module width: 4 MW

	Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	941815	HA-M-0.6.1	2CDG510008R0011			1



Heating Actuator, 12-fold, 230 V, MDRC

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.

Bus voltage: 24 V

Outputs: 12

Suitable for: ohmic

Rated current: 160 mA

Protection class (Device): IP 20

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

	Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	941808	HA-M-0.12.1	2CDG510009R0011			1

ABB-free@home®

DINRail



Switch Actuator, 8-fold, 6 A, MDRC

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 enquiry 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 mm² < 100 m

For switching 8 independent 230 V~ loads.

Bus voltage: 24 V

Inputs: 8

Polling voltage: 32 V-

Outputs: 8 Normally open contact, potential free (for 1 fan)

Suitable for: AC1

Rated current: 6 A, cos φ 0.8

Output voltage: 230 V~

Suitable for: AC3

Rated current: 6 A, cos φ 0.45

Output voltage: 230 V~

Protection class (Device): IP 20

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: 8 MW

Bbn 4016779	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
	EAN	Type code	Order code		
	945561	SA-M-8.8.1	2CDG510007R0011		1

ABB-free@home®
DINRail



Fan Coil Actuator, PWM, MDRC
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 dewpoint and condensation contacts.
The scanning voltage is provided by the device.
The bus connection is provided via the enclosed bus terminal.
Bus voltage: 24 V
Inputs: 2
Polling voltage: 10 V-
Outputs: 3 Normally open contact, potential free
Suitable for: AC3
Rated current: 6 A
Output voltage: 230 V~
Protection class (Device): IP 20
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: 6 MW

Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
945592	FCA-M-2.3.1	2CDG510010R0011			1



Blind Actuator, 4-fold, 230 V, MDRC
For controlling 4 independent blind or roller shutter drives.
The outputs are inversely blocked.
The bus can be connected via enclosed terminal block.
Bus voltage: 24 V
Outputs: 4
Suitable for: AC3
Rated current: 6 A, cos ϕ 0.45
Output voltage: 230 V~
Protection class (Device): IP 20
Temperature range (Device): -5 °C to 45 °C
Dimensions: (L x W x D): 90 mm x 72 mm x 64 mm
Module width: 4 MW

Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
941785	BA-M-0.4.1	2CDG510011R0011			1

ABB-free@home®

DINRail



Dim actuator 4 x 210 W, MDRC

Multichannel universal dimming actuator optimised for dimming retrofit LED lamps (LEDi). Also suitable for dimming incandescent lamps, low-voltage halogen lights with conventional or electronic transformers, 230 V halogen lamps and dimmable energy-saving halogen lamps. Automatic load detection (can be deactivated).

Separate N-connection per channel.

Parallel connection of the outputs possible to increase the output power.

Outputs can be connected in parallel in any configuration.

Minimum load: 2 W.

Manual operation on device also possible without bus voltage or in an unprogrammed status.

Programming of the device also possible without applied 230 V supply voltage.

With integrated bus coupler.

Nominal power at 230 V~ mains voltage:

230 V~ incandescent and halogen lamps: 4 x 210 W/VA to 1 x 600 W/VA.

Dimmable 230 V~ LEDi: 4 x 210 W/VA to 1 x 600 W/VA in trailing edge control, 4 x 80 W/VA to 1 x 200 W/VA in leading edge control.

Inductive L-transformers with LED/low-voltage halogen lamp: 4 x 210 W/VA to 1 x 600 W/VA.

Electronic C-transformers with LED/low-voltage halogen lamp: 4 x 210 W/VA to 1 x 600 W/VA.

Electronic LC-transformers with LED/low-voltage halogen lamp: 4 x 80 W/VA to 1 x 200 W/VA.

Control element: One LED button per channel (including a colour status indication) for switching ON and OFF, as well as dimming up and down.

Bus voltage: 24 V

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Outputs: 4x dimming channel

Protection class (device): IP 20

Temperature range (device): -5 °C - 45 °C

Storage temperature range: -20 °C - 70 °C

Dimensions: (L x W x D): 90 mm x 108 mm x 64 mm

Module width: 6

Mounting depth: 68 mm

Programming only with bus voltage applied via the web interface of the System Access Point.

Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current Online-Catalogue.

Recommendation: Always use lamps of the same type and manufacturer.

Bbn	Order details		Price	Weight	Pack
4011395			1 piece	1 piece	unit
EAN	Type code	Order code		kg	pc.
251799	DA/M.4.210.2.1	2CKA006220A0729			1

ABB-free@home®

DINRail



Dim actuator 4x315W, MDRC

Multichannel universal dimming actuator optimised for dimming retrofit LED lamps (LEDi). Also suitable for dimming incandescent lamps, low-voltage halogen lights with conventional or electronic transformers, 230 V halogen lamps and dimmable energy-saving halogen lamps. Automatic load detection (can be deactivated). Separate N-connection per channel. Parallel connection of the outputs possible to increase the output power. Outputs can be connected in parallel in groups. Minimum load: 2 W. Manual operation on device also possible without bus voltage or in an unprogrammed status. Programming of the device also possible without applied 230V supply voltage. Extensive test and diagnosis functions for the i-Bus tool. Fast parameter setting in ETS using copyable channel templates. With integrated bus coupler. Nominal power at 230 V~ mains voltage: 230 V~ incandescent and halogen lamps: 4 x 315 W/VA to 2 x 500 W/VA in trailing edge control, 4 x 120 W/VA to 2 x 200 W/VA in leading edge control. Dimmable 230 V~ LEDi: 4 x 315 W/VA to 2 x 500 W/VA in trailing edge control, 4 x 120 W/VA to 2 x 200 W/VA in leading edge control. Inductive L-transformers with LED/low-voltage halogen lamp: 4 x 315 W/VA to 2 x 500 W/VA. Electronic C-transformers with LED/low-voltage halogen lamp: 4 x 315 W/VA to 2 x 500 W/VA. Electronic LC-transformers with LED/low-voltage halogen lamp: 4 x 120 W/VA to 2 x 200 W/VA.

Control element: One LED button per channel (including a colour status indication) for switching ON and OFF, as well as dimming up and down.

Bus voltage: 24 V

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

Rated frequency: 50 Hz / 60 Hz

Outputs: 4 dimming channel

Protection class (device): IP 20

Temperature range (device): -5 °C - 45 °C

Storage temperature range: -20 °C - 70 °C

Dimensions: (L x W x D): 90 mm x 144 mm x 64 mm

Module width: X

Mounting depth: 68 mm

Programming only with bus voltage applied via the web interface of the System Access Point.

For software and description please check the current Online-Catalogue. 1 MW $\hat{=}$ 18 mm.

Recommendation: Always use lamps of the same type and manufacturer.

Bbn 4011395	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code	kg	pc.
		DA/M.4.315.2.1	2CKA006220A0838		1

ABB-free@home®

DINRail



Dim actuator 6x210W, MDRC

Multichannel universal dimming actuator optimised for dimming retrofit LED lamps (LEDi). Also suitable for dimming incandescent lamps, low-voltage halogen lights with conventional or electronic transformers, 230 V halogen lamps and dimmable energy-saving halogen lamps. Automatic load detection (can be deactivated).

Separate N-connection per channel.

Parallel connection of the outputs possible to increase the output power.

Outputs can be connected in parallel in any configuration.

Minimum load: 2 W.

Manual operation on device also possible without bus voltage or in an unprogrammed status.

Programming of the device also possible without applied 230 V supply voltage.

With integrated bus coupler.

Nominal power at 230 V~ mains voltage:

230 V~ incandescent and halogen lamps: 6 x 210 W/VA to 1 x 800 W/VA.

Dimmable 230 V~ LEDi: 6 x 210 W/VA to 1 x 800 W/VA in trailing edge control, 6 x 80 W/VA to 1 x 240 W/VA in leading edge control.

Inductive L-transformers with LED/low-voltage halogen lamp: 6 x 210 W/VA to 1 x 800 W/VA.

Electronic C-transformers with LED/low-voltage halogen lamp: 6 x 210 W/VA to 1 x 800 W/VA.

Electronic LC-transformers with LED/low-voltage halogen lamp: 6 x 80 W/VA to 1 x 240 W/VA.

Control element: One LED button per channel (including a colour status indication) for switching ON and OFF, as well as dimming up and down.

Bus voltage: 24 V

Rated voltage: 110 - 230 V~, +10 % / -10 %

Rated frequency: 50 Hz - 60 Hz

Outputs: 6x dimming channel

Protection class (device): IP 20

Temperature range (device): -5 °C - 45 °C

Storage temperature range: -20 °C - 70 °C

Dimensions: (L x W x D): 90 mm x 144 mm x 64 mm

Module width: 8

Mounting depth: 68 mm

Programming only with bus voltage applied via the web interface of the System Access Point.

Additional information about commissioning and operation is contained in the system manual and the online operating manual of the current Online-Catalogue.

Recommendation: Always use lamps of the same type and manufacturer.

Bbn	Order details		Price	Weight	Pack
4011395			1 piece	1 piece	unit
EAN	Type code	Order code		kg	pc.
252031	DA/M.6.210.2.1	2CKA006220A0731			1

ABB-free@home®

DINRail



DALI Gateway, MDRC

The device is used to interface between DALI and free@home installations and incorporates the DALI power supply. One DALI output for up to 16 DALI Slaves.

Bus voltage: 24 V

Rated voltage: 100 – 240 V ~

Rated frequency: 50 Hz, 60 Hz

DALI outputs: 1

Protection class (device): IP 20

Dimensions: (L x W x D): 90mm x 72 mm x 64 mm

Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
067409	DG-M-1.16.1	2CDG510012R0011			1



Split Unit Gateway, FM

The device is used to interface between the free@home system and many manufacturers' air conditioners, so-called split units. The device converts the free@home telegrams into infrared commands and transmits them to the split unit. The transmitter of the supplied cable is bonded directly onto the split unit's receiver. The split unit then no longer receives the commands from a remote control. Instead, it can be operated via any free@home sensors. The model of the split unit can be selected during commissioning. Auxiliary voltage is not required.

Bus voltage: 24 V

Outputs: 1

Protection class (device): IP 20

Dimensions: (L x W x D): 39mm x 40 mm x 12 mm

Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
EAN	Type code	Order code		kg	pc.
945578	SUG-F-1.1	2CDG510005R0011			1

ABB-free@home®
DINRail



Binary Input, 4-fold, 230 V, MDRC

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.

Bus voltage: 24 V

Inputs: 4

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 90 mm x 36 mm x 64 mm

Module width: 2 MW

	Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	941778	BI-M-4.0.1	2CDG510004R0011			1



Binary Input, 2-fold, FM

Conventional push-buttons or auxiliary contacts can be connected to 2 channels. The information of the contact enquiry 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.

Bus voltage: 24 V

Inputs: 2

Polling voltage: 20 V-,

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm

	Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code		kg	pc.
	941679	BI-F-2.0.1	2CDG510002R0011			1

ABB-free@home®

DINRail



Binary Input, 4-fold, FM

Conventional push-buttons or auxiliary contacts can be connected to 4 channels. The information of the contact enquiry 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 10m.

Flush-mounted device for installation in a 60 mm device box or distribution box.

The bus can be connected via enclosed terminal block.

Bus voltage: 24 V

Inputs: 4

Polling voltage: 20 V-,

Protection class (Device): IP 20

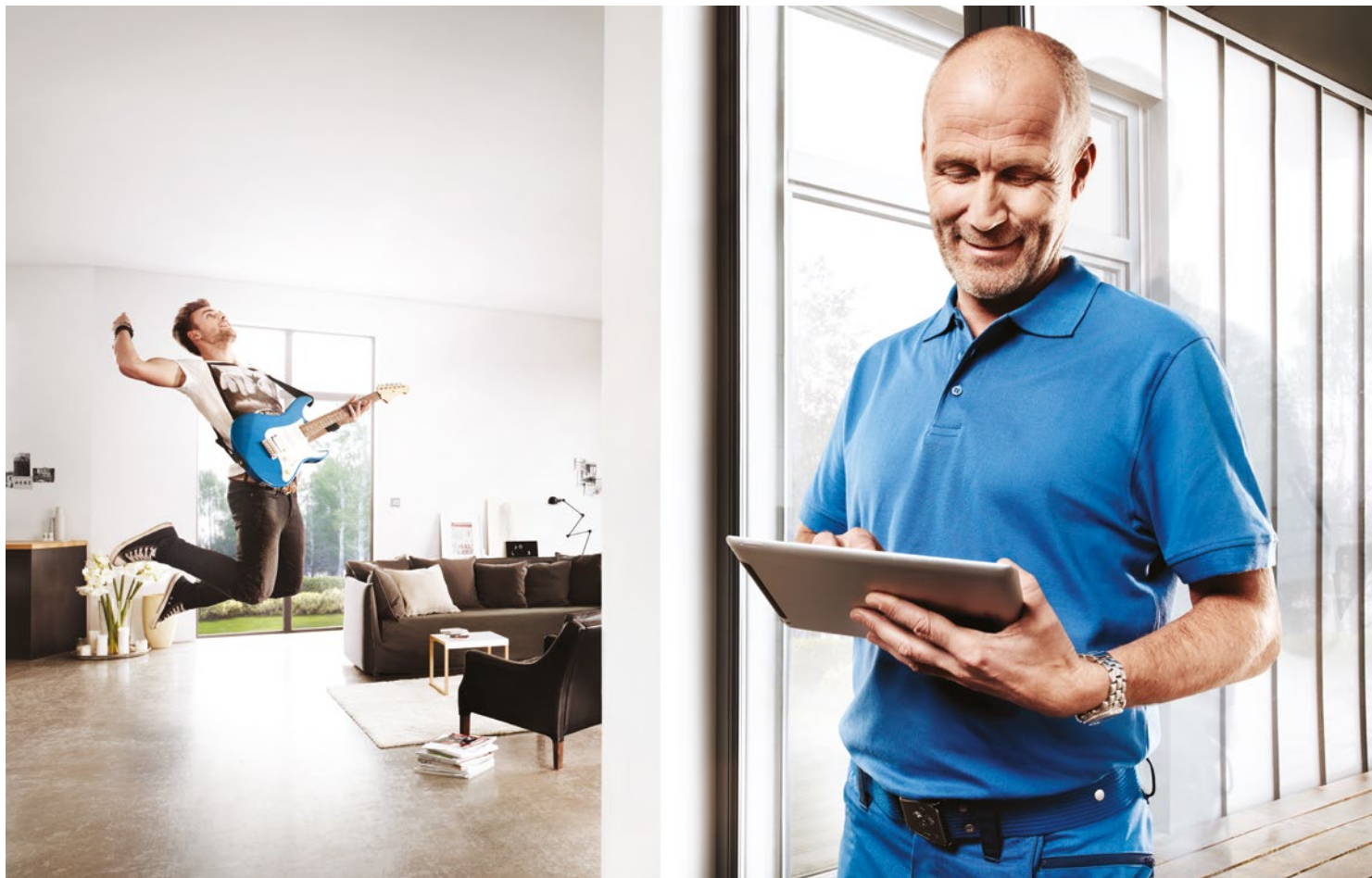
Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 39 mm x 40 mm x 12 mm

	Bbn	Order details		Price	Weight	Pack
	4016779			1 piece	1 piece	unit
	EAN	Type code	Order code		kg	pc.
	941884	BI-F-4.0.1	2CDG510003R0011			1

ABB-free@home®

Communicative and competent – The ABB partner close to you



Advice and assistance close to you. Your electrician will be happy to explain to you in detail the advantages of ABB-free@home® in a face-to-face discussion. This will allow home automation to be planned to suit your individual requirements.



The suitable electrician

The electrician familiar with ABB-free@home® can be found at www.abb.com/freeathome. Simply enter your postcode – and the firms in your region will be displayed.

Now scan the QR code to find out more about the advantages of ABB-free@home®.