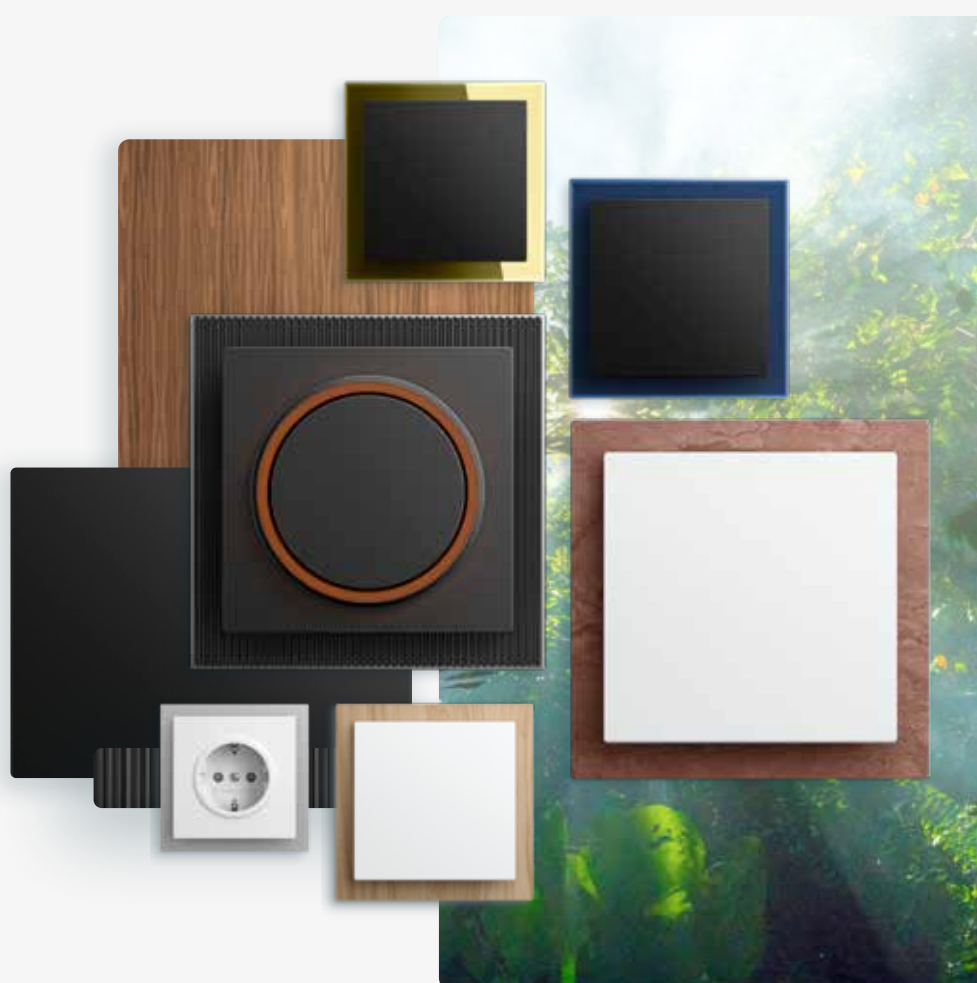


PREVIEW CATALOG

ABB Busch-art linear®

Thinking about tomorrow.



This is an exclusive Cebeo Fair preview catalog and will be updated when the new version is available after the fair.

ABB Busch-art linear®

Thinking about tomorrow.

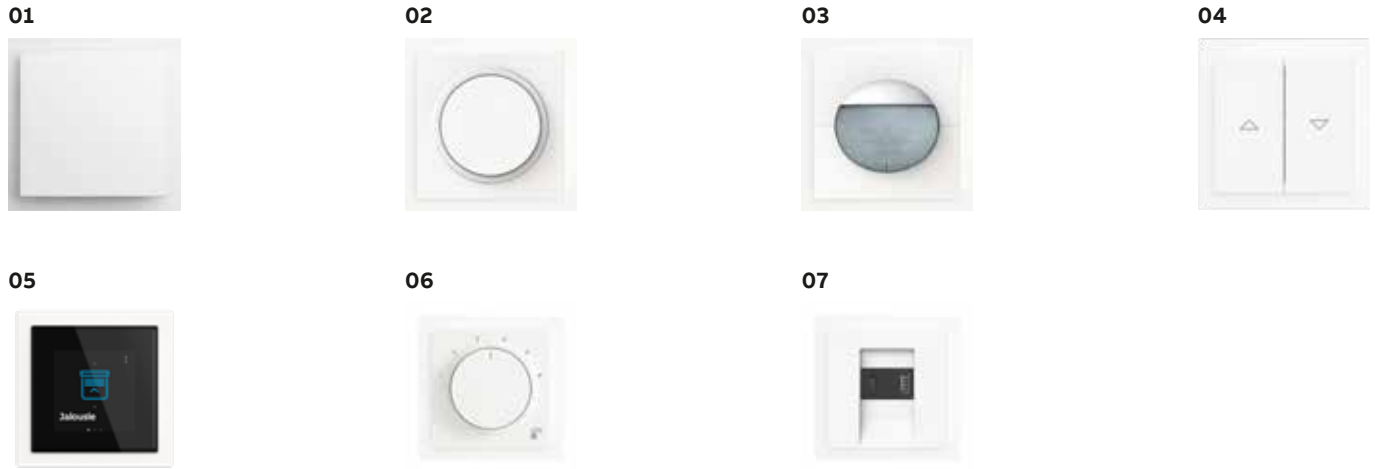
ABB Busch-art linear® forms the perfect balance between design and nature, between an industrial product and ecological imperatives. Our new range of wiring accessories includes mechanical and electronic switches that can be integrated into ABB's smart home systems, ABB-free@home® and ABB i-bus® KNX, in a unique and sustainable design.



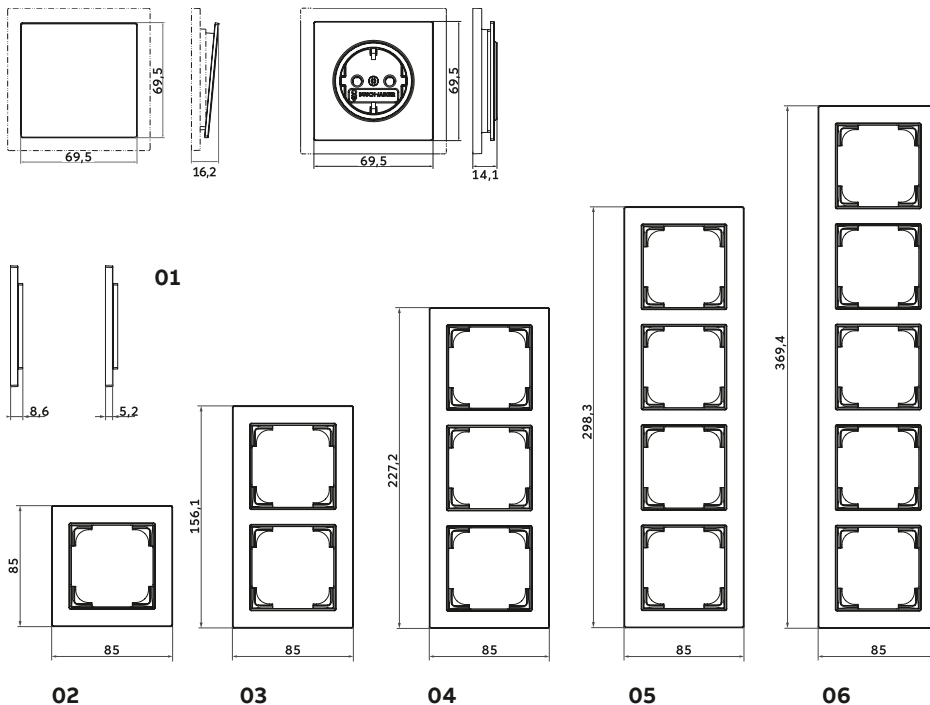
- | | | |
|--|---|---|
| 01 black matt, black matt | 06 black matt, glass blue | 12 black matt, glass black / gold |
| 02 studio white matt,
studio white matt | 07 black matt, glass black | 13 studio white matt,
studio white matt / copper |
| 03 studio white, studio white | 08 studio white matt, wood oak | 14 black matt, black matt / gold |
| 04 studio white matt,
aluminium silver | 09 black matt, wood walnut | 15 black matt, black matt / chrome |
| 05 black matt, aluminium black | 10 black matt, paper black | |
| | 11 studio white matt, studio ,
slate terra rosso | |

ABB Busch-art linear®

Selected functions.



- 01 Rocker Switch 1gang
 02 Busch Universal Rotary Dimmer
 03 Busch-Watchdog®
 04 Rocker Switch Blind Control
- 05 Busch-Trevion® Display
 06 Room thermostat
 07 USB power supply insert



1 to 5gang cover frame for horizontal and vertical installation.

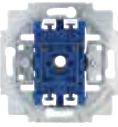
- 01 Side view, 8,6 mm min. x 69,5 mm
 02 85 mm x 85 mm
 03 85 mm x 156,1 mm
 04 85 mm x 227,2 mm
 05 85 mm x 298,3 mm
 06 85 mm x 369,4 mm



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


ABB Busch-art linear®

Rocker switches / push switches


Rocker Switch Mechanism ¹⁾			
			
Rated voltage: 250 V~ Rated current: 10 AX Suitable for: LEDi / CFLi Rated power: 100 W Protection class (Device): IP 20 IEC 60669-1			
Colour	Type	Order code	Pack/Qty.
	1gang 2way		
	2000/6 US-500	2CKA001012A2198	10
	2gang 1way		
	2000/5 US-500	2CKA001012A1150	10
	DP, 1gang 2way ²⁾		
	2000/6/2 US	2CKA001012A0954	10
	1gang		
	2000/7 US-500	2CKA001012A2199	10
	DP, 1gang 1way		
	2000/2 US-500	2CKA001012A2196	10
	SP, 1gang 1way switch		
	2000/1 US-500	2CKA001012A2059	10

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


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

Rocker Switch Mechanism ¹⁾			
			
Rated voltage: 250 V~ Rated current: 16 AX Suitable for: LEDi / CFLi Rated power: 200 W Protection class (Device): IP 20 IEC 60669-1			
Colour	Type	Order code	Pack/Qty.
	Switch-off and two-way circuit 16 A ²⁾		
	2400/6 US-500	2CKA001012A2232	10
	2gang switch 16 A		
	2400/5 US-500	2CKA001012A2234	10
	1gang intermediate 16 A		
	2400/7 US-500	2CKA001012A2236	10


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

Rocker Switch Mechanism ¹⁾			
			
With screwless terminals. Rated voltage: 250 V~ Rated current: 10 AX Suitable for: LEDi / CFLi Rated power: 100 W Protection class (Device): IP 20 IEC 60669-1			
Colour	Type	Order code	Pack/Qty.
	2gang 2way		
	2000/6/6US-101-500	2CKA001011A0928	10

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


Rocker Switch Mechanism ¹⁾			
			
Changeover/changeover circuit 16 A			
With screwless terminals. Rated voltage: 250 V~ Rated current: 16 AX Suitable for: LEDi / CFLi Rated power: 200 W Protection class (Device): IP 20 IEC 60669-1			
Colour	Type	Order code	Pack/Qty.
	2400/6/6US-101-500	2CKA001022A0663	10

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

Rocker Switch Mechanism ¹⁾ ²⁾			
			
DP, 1gang 1way			
For switching high loads. Rated voltage: 250 V~ Rated current: 16 AX Suitable for: LEDi / CFLi Rated power: 200 W Protection class (Device): IP 20 IEC 60669-1			
Colour	Type	Order code	Pack/Qty.
	2000/2 US-101-500	2CKA001012A2193	10

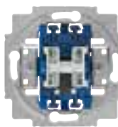
¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Also for switching SCHUKO® socket outlets.

Rocker Switch Mechanism ¹⁾			
			
With neon lamp. Rated voltage: 250 V~ Rated current: 10 AX Suitable for: LEDi / CFLi Rated power: 100 W Protection class (Device): IP 20 IEC 60669-1			
Colour	Type	Order code	Pack/Qty.
	1gang 2way ²⁾		
	2000/6 USGL-500	2CKA001012A2194	10
	2gang 1way		
	2000/5 USGL	2CKA001012A1135	10

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

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

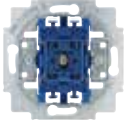
Rocker Switch Mechanism, control ¹⁾			
			
2gang switch with N-clamp 16 A			
With LED. Rated voltage: 250 V~ Rated current: 16 AX Suitable for: LEDi / CFLi Rated power: 200 W Protection class (Device): IP 20 IEC 60669-1			
Colour	Type	Order code	Pack/Qty.
	2400/5 USK-500	2CKA001012A2238	10

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

ABB Busch-art linear®

Rocker switches / push switches

Rocker Switch Mechanism, control ¹⁾ ²⁾ ³⁾



With neon lamp.
Rated voltage: 250 V~
Rated current: 10 AX
Suitable for: LEDi / CFLi
Rated power: 100 W
Protection class (Device): IP 20
IEC 60669-1

Colour	Type	Order code	Pack/Qty.
	1gang 2way with N-terminal		
	2000/6 USK-500	2CKA001022A0659	10
	DP, 1gang 1way		
	2000/2 UK	2CKA001022A0656	10

¹⁾ With 1 mA neon lamp.

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

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

Rocker Switch Mechanism, control ¹⁾ ²⁾ ³⁾ Switch-off and two-way circuit with N-clamp 16 A



With neon lamp.
Rated voltage: 250 V~
Rated current: 16 AX
Suitable for: LEDi / CFLi
Rated power: 200 W
Protection class (Device): IP 20
IEC 60669-1

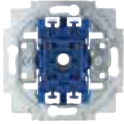
Colour	Type	Order code	Pack/Qty.
	2400/6 USK-500	2CKA001022A0661	10

¹⁾ With 1 mA neon lamp.

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

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

Push-switch mechanism ¹⁾ ²⁾ ³⁾ SP, with normally open contact (operating current)

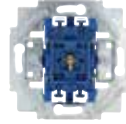


With N terminal.
Rated voltage: 250 V~
Rated current: 10 A
Protection class (Device): IP 20
IEC 60669-1

Colour	Type	Order code	Pack/Qty.
	2020 US-500	2CKA001413A0574	10

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

Push-switch mechanism ¹⁾ ²⁾ ³⁾ SP, with normally open contact (operating current)



With illumination.
With N terminal.
Rated voltage: 250 V~
Rated current: 10 A
Protection class (Device): IP 20
IEC 60669-1

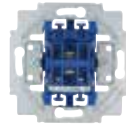
Colour	Type	Order code	Pack/Qty.
	2020 USGL-500	2CKA001413A1106	10

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

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

³⁾ For relay and touch dimmer applications.

Push-switch mechanism ¹⁾

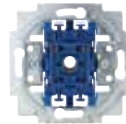


With one input terminal and 2 actuating covers.
Rated voltage: 250 V~
Inputs: 1
Outputs: 2x Normally open contact
Rated current: 10 A
Protection class (Device): IP 20
IEC 60669-1

Colour	Type	Order code	Pack/Qty.
	2020 US-205-500	2CKA001413A1105	10

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

Push-switch mechanism ¹⁾ SP, 1gang 2way



Can be wired for normally open contacts (stand-by current) or normally closed contacts (operating current).
With N terminal.
Rated voltage: 250 V~
Rated current: 10 A
Protection class (Device): IP 20
IEC 60669-1

Colour	Type	Order code	Pack/Qty.
	2020 US-206-500	2CKA001413A1104	10

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

ABB Busch-art linear®

Rocker switches / push switches

Rocker for Switch/push button, Single rocker



For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1786-44G-500	2CKA001751A3337	10
studio white, matt ¹⁾	1786-44M-500	2CKA001751A3338	10
black matt ¹⁾	1786-45M-500	2CKA001751A3340	10

¹⁾Surface painted.

Rocker for Switch/push button, Two-part rocker



For flush-mounted switch 2g 1w, 2g push switch.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1785-44G-500	2CKA001751A3389	10
studio white, matt ¹⁾	1785-44M-500	2CKA001751A3390	10
black matt ¹⁾	1785-45M-500	2CKA001751A3392	10

¹⁾Surface painted.

Rocker for Switch/push button, Two-part rocker



As a cover for flush-mounted control 2gang switch.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1785 K-44G	2CKA001751A3305	10
studio white, matt ¹⁾	1785 K-44M	2CKA001751A3306	10
black matt ¹⁾	1785 K-45M	2CKA001751A3308	10

¹⁾Surface painted.

Rocker for Switch/push button, Single rocker

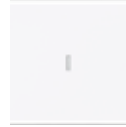


With light outlet transparent.
As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1789 N-44G-500	2CKA001751A3365	10
studio white, matt ¹⁾	1789 N-44M-500	2CKA001751A3366	10
black matt ¹⁾	1789 N-45M-500	2CKA001751A3368	10

¹⁾Surface painted.

Rocker for Switch/push button, Single rocker

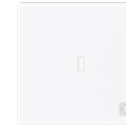


As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Including sealing set to achieve IP44.
Protection class (Device): IP 44

Colour	Type	Order code	Pack/Qty.
studio white	1789 NWD-44G	2CKA001751A3409	10
studio white, matt ¹⁾	1789 NWD-44M	2CKA001751A3410	10
black matt ¹⁾	1789 NWD-45M	2CKA001751A3412	10

¹⁾Surface painted.

Rocker with legend Symbol "Socket" for Switch/push button, Single rocker

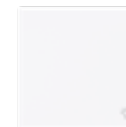


With "Plug" icon. As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O" As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1789 ST-44G	2CKA001751A3381	10
studio white, matt ¹⁾	1789 ST-44M	2CKA001751A3382	10
black matt ¹⁾	1789 ST-45M	2CKA001751A3384	10

¹⁾Surface painted.

Rocker with legend Symbol "light" for Switch/push button, Single rocker

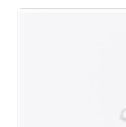


With >Light< icon. For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2520 LI-44G	2CKA001751A3345	10
studio white, matt ¹⁾	2520 LI-44M	2CKA001751A3346	10
black matt ¹⁾	2520 LI-45M	2CKA001751A3348	10

¹⁾Surface painted.

Rocker Symbol "bell" for Switch/push button, Single rocker



With >Bell< icon. For flush-mounted push switch.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2520 KI-44G	2CKA001751A3341	10
studio white, matt ¹⁾	2520 KI-44M	2CKA001751A3342	10
black matt ¹⁾	2520 KI-45M	2CKA001751A3344	10

¹⁾Surface painted.

ABB Busch-art linear®

Rocker switches / push switches

Rocker with legend Symbol "Key" for Switch/push button, Single rocker



With >Key< icon. For flush-mounted push switch. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2520 TR-44G	2CKA001751A3349	10
studio white, matt ¹⁾	2520 TR-44M	2CKA001751A3350	10
black matt ¹⁾	2520 TR-45M	2CKA001751A3352	10

¹⁾ Surface painted.

Rocker with legend Symbol "light" for Switch/push button, Single rocker

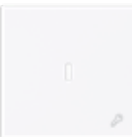


With >Light< icon. As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1789 LI-44G	2CKA001751A3373	10
studio white, matt ¹⁾	1789 LI-44M	2CKA001751A3374	10
black matt ¹⁾	1789 LI-45M	2CKA001751A3376	10

¹⁾ Surface painted.

Rocker with legend Symbol "Key" for Switch/push button, Single rocker



With >Key< icon. For flush-mounted push switch. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1789 TR-44G	2CKA001751A3377	10
studio white, matt ¹⁾	1789 TR-44M	2CKA001751A3378	10
black matt ¹⁾	1789 TR-45M	2CKA001751A3380	10

¹⁾ Surface painted.

Rocker with legend Symbol "bell" for Switch/push button, Single rocker



With >Bell< icon. For flush-mounted push switch. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1789 KI-44G	2CKA001751A3369	10
studio white, matt ¹⁾	1789 KI-44M	2CKA001751A3370	10
black matt ¹⁾	1789 KI-45M	2CKA001751A3372	10

¹⁾ Surface painted.

Rocker with labelling field Symbol "bell" for Switch/push button, Single push button



With >Bell< icon. For flush-mounted push switch. Size of labelling field: 49,4 x 9 mm. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1764 N/KI-44G	2CKA001731A4025	10
studio white, matt ¹⁾	1764 N/KI-44M	2CKA001731A4026	10
black matt ¹⁾	1764 N/KI-45M	2CKA001731A4028	10

¹⁾ Surface painted.

Rocker with labelling field for Switch/push button, Single push button



For flush-mounted switch 1g1w, 1g2w, intermediate, push switch. Size of labelling field: 49,4 x 9 mm. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1764 N-44G	2CKA001731A4021	10
studio white, matt ¹⁾	1764 N-44M	2CKA001731A4022	10
black matt ¹⁾	1764 N-45M	2CKA001731A4024	10

¹⁾ Surface painted.

Rocker with legend Characters 0 and 1 for Switch/push button, Single rocker



With imprint >0< and >1<. As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1788-44G	2CKA001751A3353	10
studio white, matt ¹⁾	1788-44M	2CKA001751A3354	10
black matt ¹⁾	1788-45M	2CKA001751A3356	10

¹⁾ Surface painted.

Rocker with legend Heizung for Switch/push button, Single rocker



With marking "Heizung". As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way. As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1789 H-44G	2CKA001751A3357	10
studio white, matt ¹⁾	1789 H-44M	2CKA001751A3358	10
black matt ¹⁾	1789 H-45M	2CKA001751A3360	10

¹⁾ Surface painted.

ABB Busch-art linear®

Rocker switches / push switches

Socket insert Safety Shutter Earthing Pin



With screwless terminals. Shuttered. Suitable for the countries like Poland, Czech Republic. DP (2 P + E). Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	20-1 MUCB-44G	2CKA002017A1905	10
studio white, matt ¹⁾	20-1 MUCB-44M	2CKA002017A1906	10
black matt ¹⁾	20-1 MUCB-45M	2CKA002017A1908	10

¹⁾Surface painted.

Socket insert Safety Shutter Earthing Pin with Hinged Lid



With screwless terminals. Shuttered. Suitable for the countries like Poland, Czech Republic. DP (2 P + E). Protection class IP44 by adding 20 WD-4X. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	20-1 MUCBK-44G	2CKA002017A1909	10
studio white, matt ¹⁾	20-1 MUCBK-44M	2CKA002017A1910	10
black matt ¹⁾	20-1 MUCBK-45M	2CKA002017A1912	10

¹⁾Surface painted.

IP44 Sealing set socket outlets



IP44 Sealing set for Busch-art linear socket outlets with lid. Protection class (Device): IP 44

Colour	Type	Order code	Pack/Qty.
transparent	20 WD-4X	2CKA001763A0032	1

¹⁾Surface painted.

Cover plate with legend Symbol "Card" incl. Hotel card switch

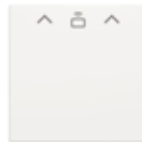


Suitable for cards sized 54 x 86 mm. The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated. With card switch insert 16 A, 2 pole NO, including a white LED lamp 230V; 0,2 mA as indicator light. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1792 U-44G	2CKA001710A4240	10
studio white, matt ¹⁾	1792 U-44M	2CKA001710A4241	10
black matt ¹⁾	1792 U-45M	2CKA001710A4243	10

¹⁾Surface painted.

Cover plate with legend for RFID Hotel card



Cover for Card switch insert RFID 2025 RFID U. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1792 RFID-44G	2CKA001710A4244	10
studio white, matt ¹⁾	1792 RFID-44M	2CKA001710A4245	10
black matt ¹⁾	1792 RFID-45M	2CKA001710A4247	10

¹⁾Surface painted.

ABB Busch-art linear®

Rocker switches / push switches

Flush Mounted Inserts Flush-mounted installation boxes and inserts Black



Card switch insert RFID.

Colour	Type	Order code	Pack/Qty.
	2025 RFID U	2CKA001012A2242	10

Rocker with legend DND, MUR for Switch/push button, Two-part rocker



As cover for flush-mounted rocker control switch insert, DND/MUR. DO NOT DISTURB MAKE UP ROOM.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1785/11 K-44G	2CKA001751A3309	10
studio white, matt ¹⁾	1785/11 K-44M	2CKA001751A3310	10
black matt ¹⁾	1785/11 K-45M	2CKA001751A3312	10

¹⁾ Surface painted.

Rocker with legend for Switch/push button Two-part rocker

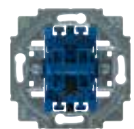


Rocker for 2058 UK Switch insert DND/MUR.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2058-24-44G	2CKA001751A3313	10
studio white, matt ¹⁾	2058-24-44M	2CKA001751A3314	10
black matt ¹⁾	2058-24-45M	2CKA001751A3316	10

¹⁾ Surface painted.

Rocker switch insert DND/MUR ¹⁾

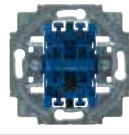


With LED.
Rated voltage: 250 V~
Rated current: 10 AX - Suitable for: LEDi / CFLi
Rated power: 100 W - Protection class (Device): IP 20
IEC 60669-1

Colour	Type	Order code	Pack/Qty.
	2028 UK	2CKA001012A2240	10/100

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

Rocker switch insert DND/MUR ¹⁾



With LED.
Rated voltage: 24 V
Rated current: 6 A
Protection class (Device): IP 20
IEC 60669-1

Colour	Type	Order code	Pack/Qty.
	2028/12 UK	2CKA001012A2241	10/100

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

Flush Mounted Inserts ¹⁾

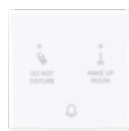


El. push-switch DND/MUR

Colour	Type	Order code	Pack/Qty.
	2058 UK	2CKA001413A1114	10/100

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

Bell push-switch DND / MUR 230V

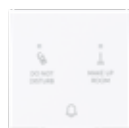


Switch insert DND, MUR Single push button
Push button 1 pole, 1NO
with LED
Rated voltage: 250 V~
Rated current: 10 A
IEC 60669-1
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2029 UC-44G	2CKA001751A3405	1
studio white, matt ¹⁾	2029 UC-44M	2CKA001751A3406	1
black matt ¹⁾	2029 UC-45M	2CKA001751A3408	1

¹⁾ Surface painted.

Bell push-switch DND / MUR 5...24 V



Switch insert DND, MUR Single push button
Push button 1 pole, 1NO
with LED
Rated voltage: 24 V
Rated current: 6 A
Protection class (Device): IP 20
IEC 60669-1
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2029/12 UC-44G	2CKA001751A3401	10
studio white, matt ¹⁾	2029/12 UC-44M	2CKA001751A3402	10
black matt ¹⁾	2029/12 UC-45M	2CKA001751A3404	10

¹⁾ Surface painted.

ABB Busch-art linear®

Rocker switches / push switches

Bell push-switch DND / MUR 24 V



Switch insert DND, MUR Single push button
Push button 1 pole, 1NO
with LED
Rated voltage: 5 ... 24 V AC/DC
Rated current: 0.05 A
Protection class (Device): IP 20
IEC 60669-1
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2059 UC-44G	2CKA001751A3321	10
studio white, matt ¹⁾	2059 UC-44M	2CKA001751A3322	10
black matt ¹⁾	2059 UC-45M	2CKA001751A3324	10

¹⁾ Surface painted.

Three-step rotary switch ¹⁾ ²⁾ SP, with zero position



With zero position.
Rated voltage: 250 V~
Rated current: 16 A
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	2710 U	2CKA001101A0918	1/10

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

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

Three-step rotary switch ¹⁾ ²⁾ SP, without zero position



Without zero position.
Rated voltage: 250 V~
Rated current: 16 A
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	2710/1 U	2CKA001101A0919	1/10

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

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

Mechanical Controls Symbol "0-1-2-3" for Level switch, Turn button



As cover for flush mounted three-step rotary switch.
With zero position. For insert 2710 U.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2542 DR/01-44G	2CKA001710A4149	10
studio white, matt ¹⁾	2542 DR/01-44M	2CKA001710A4150	10
black matt ¹⁾	2542 DR/01-45M	2CKA001710A4152	10

¹⁾ Surface painted.

Cover plate with legend Symbol "1-2-3" for Level switch, Turn button



As cover for flush mounted three-step rotary switch.
Without zero position. For insert 2710/1 U.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2542 DR/02-44G	2CKA001710A4153	10
studio white, matt ¹⁾	2542 DR/02-44M	2CKA001710A4154	10
black matt ¹⁾	2542 DR/02-45M	2CKA001710A4156	10

¹⁾ Surface painted.

Friends of Hue smart switch insert. Wall-mounted transmitter, 2 / 4 channel.



For smart switch rockers 6735 BT-8xx and 6736 FoH-8xx. Smarter light switches for wireless remote control of Philips Hue lamps. For switching and dimming of Philips Hue lamps. For saving, calling up and dimming of a maximum of 2 individual light scenes. Without battery and maintenance-free due to >Energy harvesting<. Requires Philips Hue Bridge (2nd generation square construction type) and Philips Hue app (Version 3.2 or higher). Maximum safety of function by means of Zigbee-Mesh technology. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear. Can be mounted freely in the room with the enclosed adhesive tape and fixing plate. Including fixing plate for mounting on smooth walls or on switch boxes.

Colour	Type	Order code	Pack/Qty.
	6716/01 U-500	2CKA006710A0014	1

ABB Busch-art linear®

Rocker switches / push switches

Bluetooth Low Energy (BLE) smart switch insert. Wall transmitter, 2 / 4 channel.



- For smart switch rockers 6735 BT-8xx and 6736 FoH-8xx.
- Smart switch for wireless remote control of radio components.
 - Compatible with Bluetooth ecosystems of following companies: aruba, Casambi, enlightened, Fulham, Helvar, Hytronik, Lumobi, Qeedji, SILVAIR, Blu2Light (Vossloh Schwabe), WISILICIA, XICATO Controls.
 - For saving, calling up and dimming individual light scenes.
 - Battery-free switch, no connection to mains voltage (230 V~) required.
 - Particularly environmentally friendly, sustainable and maintenance-free; Transmission energy is generated when switching (energy harvesting).
 - Maximum functional reliability through Bluetooth mesh technology.
 - Depending on the ecosystem, the wireless range is automatically extended via mains-powered BT mesh devices (repeater function).
 - Encrypted transmission with AES-128 (CBC mode) and sequence counter.
 - Contains NFC configuration interface according to NFC Forum Type 2 Tag (ISO/IEC 14443 Part 2 + 3).
 - Therefore particularly simple commissioning of BLE radio components from Casambi.
 - Combinable with the Busch-Jaeger switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent® and future® linear.
 - Can be mounted freely in the room with the enclosed adhesive tape and fixing plate.
- Including fixing plate for mounting on smooth walls or on switch boxes.

Colour	Type	Order code	Pack/Qty.
BT smart switch insert (SF)	6716/01 UBT-500	2CKA006710A0015	1

Rocker 1gang for smart switch inserts



1gang rocker for Friends of Hue and Bluetooth (Casambi) smart switch inserts.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
white	6735 BT-44G	2CKA001751A3413	10
white	6735 BT-44M	2CKA001751A3414	10
black	6735 BT-45M	2CKA001751A3416	10

¹⁾ Surface painted.

Rocker 2gang for smart switch inserts



2gang rocker for Friends of Hue and Bluetooth (Casambi) smart switch inserts.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
white	6736 FoH-44G	2CKA006730A0166	1
white	6736 FoH-44M	2CKA006730A0167	1
black	6736 FoH-45M	2CKA006730A0169	1

¹⁾ Surface painted.

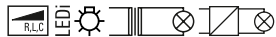
ABB Busch-art linear®

Dimmers

Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ ⁷⁾ ⁸⁾ ⁹⁾ Flush-mounted, LED, 2-100 W



With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads). Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1



Colour	Type	Order code	Pack/Qty.
	6523 U-102-500	2CKA006512A0335	1/10

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

Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ ⁷⁾ ⁸⁾ ⁹⁾ UP, LED, 2-400 W



Very small installation depth: < 20 mm
Without claws.
 With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operation of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum/maximum brightness. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (leading edge control) Nominal power: 2 - 400 W/VA (trailing edge control) Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C IEC 60669-2-1, British Standard EN 60669-2-1



Colour	Type	Order code	Pack/Qty.
	6523 UR-103-500	2CKA006512A0345	1/10

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

Busch-rotary dimmer ¹⁾ ²⁾ ³⁾ ⁴⁾ flush mounted, 1-10V



With rotary control. For controlling ballast units for fluorescent lamps with control output 1-10 V DC, control current max. 50 mA DC. For LED control via control gears Without cover plate. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 700 W/VA IEC 60669-2-1, British Standard EN 60669-2-1



Colour	Type	Order code	Pack/Qty.
	2112 U-101-500	2CKA006599A2873	1/10

- ¹⁾ Non-illuminable.
²⁾ Use cover plates 2115 J-.../2115-.../6540-...
³⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
⁴⁾ Making-current limiters have to be provided in case of too high making currents.

ABB Busch-art linear®

Rocker switches / push switches

Cover Plate for Dimmer Turn button with Neon lamp



Elevated knob. For Busch-Dimmer®. For inserts 2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	6540-44G-102-500	2CKA006599A3056	10
studio white, matt ¹⁾	6540-44M-102-500	2CKA006599A3057	10
black matt ¹⁾	6540-45M-102-500	2CKA006599A3059	10

¹⁾Surface painted.

Rocker 1gang, with "Dimmer" icon



As cover for ABB-free@home® sensor units (e.g. 6221/1.0) and sensor/actuator units (e.g. 6211/1). As cover for KNX 2gang push-button coupling unit (6108/06-500).

Colour	Type	Order code	Pack/Qty.
studio white	6234-10-44G	2CKA006220A0932	10
studio white, matt ¹⁾	6234-10-44M	2CKA006220A0933	10
black matt ¹⁾	6234-10-45M	2CKA006220A0935	10

¹⁾Surface painted.

Rocker 2gang left, with "Dimmer" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2). As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6234-21-44G	2CKA006220A0956	10
studio white, matt ¹⁾	6234-21-44M	2CKA006220A0957	10
black matt ¹⁾	6234-21-45M	2CKA006220A0959	10

¹⁾Surface painted.

Rocker 2gang right, with "Dimmer" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2). As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6234-22-44G	2CKA006220A0960	10
studio white, matt ¹⁾	6234-22-44M	2CKA006220A0961	10
black matt ¹⁾	6234-22-45M	2CKA006220A0963	10

¹⁾Surface painted.

Rocker 1gang



As cover for ABB-free@home® sensor units (e.g. 6221/1.0) and sensor/actuator units (e.g. 6211/1). As cover for KNX 2gang push-button coupling unit (6108/06-500).

Colour	Type	Order code	Pack/Qty.
studio white	6230-10-44G	2CKA006220A0924	10
studio white, matt ¹⁾	6230-10-44M	2CKA006220A0925	10
black matt ¹⁾	6230-10-45M	2CKA006220A0927	10

¹⁾Surface painted.

Rocker 1gang, with "Light" icon

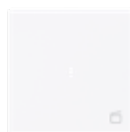


As cover for ABB-free@home® sensor units (e.g. 6221/1.0) and sensor/actuator units (e.g. 6211/1). As cover for KNX 2gang push-button coupling unit (6108/06-500).

Colour	Type	Order code	Pack/Qty.
studio white	6231-10-44G	2CKA006220A0928	10
studio white, matt ¹⁾	6231-10-44M	2CKA006220A0929	10
black matt ¹⁾	6231-10-45M	2CKA006220A0931	10

¹⁾Surface painted.

Rocker 1gang, with "Scene" icon



As cover for ABB-free@home® sensor units (e.g. 6221/1.0) and sensor/actuator units (e.g. 6211/1). As cover for KNX 2gang push-button coupling unit (6108/06-500).

Colour	Type	Order code	Pack/Qty.
studio white	6233-10-44G	2CKA006220A0940	10
studio white, matt ¹⁾	6233-10-44M	2CKA006220A0941	10
black matt ¹⁾	6233-10-45M	2CKA006220A0943	10

¹⁾Surface painted.

Rocker 2gang left and right



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2). As cover for KNX 4gang push-button coupling unit (6108/07).

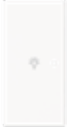
Colour	Type	Order code	Pack/Qty.
studio white	6230-20-44G	2CKA006220A0944	10
studio white, matt ¹⁾	6230-20-44M	2CKA006220A0945	10
black matt ¹⁾	6230-20-45M	2CKA006220A0947	10

¹⁾Surface painted.

ABB Busch-art linear®

Rocker switches / push switches

Rocker 2gang left, with "Light" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2). As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6231-21-44G	2CKA006220A0948	10
studio white, matt ¹⁾	6231-21-44M	2CKA006220A0949	10
black matt ¹⁾	6231-21-45M	2CKA006220A0951	10

¹⁾Surface painted.

Rocker 2gang left, with "Play/Paus" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2). As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6237-21-44G	2CKA006220A0976	10
studio white, matt ¹⁾	6237-21-44M	2CKA006220A0977	10
black matt ¹⁾	6237-21-45M	2CKA006220A0979	10

¹⁾Surface painted.

Rocker 2gang right, with "Light" icon



As cover for ABB-free@home® sensor units and sensor/actuator units As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6231-22-44G	2CKA006220A0952	10
studio white, matt ¹⁾	6231-22-44M	2CKA006220A0953	10
black matt ¹⁾	6231-22-45M	2CKA006220A0955	10

¹⁾Surface painted.

Rocker 2gang right, with "Volume" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2). As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6237-22-44G	2CKA006220A0980	10
studio white, matt ¹⁾	6237-22-44M	2CKA006220A0981	10
black matt ¹⁾	6237-22-45M	2CKA006220A0983	10

¹⁾Surface painted.

Rocker 2gang left, with "Scene" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2). As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6233-21-44G	2CKA006220A0968	10
studio white, matt ¹⁾	6233-21-44M	2CKA006220A0969	10
black matt ¹⁾	6233-21-45M	2CKA006220A0971	10

¹⁾Surface painted.

Rocker 2gang right, with "Scene" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2). As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6233-22-44G	2CKA006220A0972	10
studio white, matt ¹⁾	6233-22-44M	2CKA006220A0973	10
black matt ¹⁾	6233-22-45M	2CKA006220A0975	10

¹⁾Surface painted.

Relay insert flex, 1gang ¹⁾



3 wire connection (neutral conductor required).
For switching lighting systems.
Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.
Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover.
For control element flex, 1gang, wireless, 62711-WL.
For control element flex, 2gang, wireless, 62721-WL.
For Busch-Comfort switch flex control element 64765-...
For Busch-Watchdog 180 flex sensors 6476x-...
For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U.
Rated voltage: 230 V~, +10 % / -10 %
Rated frequency: 50 Hz. Inputs: 1
Outputs: 1x Normally open contact, potential-bound
Suitable for: 230 V- LEDi, typical. Rated power: 300 VA
Suitable for: 230 V incandescent lamps/230 V halogen lamps. Rated power: 2300 W
Suitable for: Low voltage halogen lamps that are operated via transformers.
Rated power: 2300 VA
Temperature range (Device): -25 °C to 55 °C
Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm
Mounting depth: 25 mm



Colour	Type	Order code	Pack/Qty.
	64811 U-500	2CKA006800A3042	1/10

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

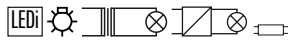
ABB Busch-art linear®

ABB flex inserts

Relay insert flex, 2gang ¹⁾



3 wire connection (neutral conductor required).
 For switching lighting systems.
 For switching two independent load circuits.
 For controlling light and ventilation systems.
 Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.
 Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Without control cover.
 For control element flex, 1gang, wireless, 62711-WL.
 For control element flex, 2gang, wireless, 62721-WL.
 For Busch-Comfort switch flex control element 64765-... . For Busch-Watchdog 180 flex sensors 6476x-...
 For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Combinable with extension insert, 64891 U.
 Rated voltage: 230 V~, +10 % / -10 %
 Rated frequency: 50 Hz. Inputs: 2
 Outputs: 2x Normally open contact, potential-bound
 Suitable for: 230 V- LEDi, typical.
 Rated power: 300 VA
 Suitable for: 230 V incandescent lamps/230 V halogen lamps. Rated power: 1840 W
 Suitable for: Low voltage halogen lamps that are operated via transformers.
 Rated power: 1150 VA
 Temperature range (Device): -25 °C to 55 °C
 Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm
 Mounting depth: 25 mm



Colour	Type	Order code	Pack/Qty.
	64821 U-500	2CKA006800A3045	1

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

e-contact insert flex, 1gang ^{1) 2)}



2-wire connection (neutral conductor not required)
 Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA).
 For switching lighting systems.
 Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units.
 Operation also possible via conventional push buttons (2020 US, 2021/6 UK).
 Without control cover.
 For control element flex, 1gang, wireless, 62711-WL.
 For control element flex, 2gang, wireless, 62721-WL.
 For Busch-Watchdog 180 flex sensors 6476x-... .
 For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.
 Combinable with extension insert, 64891 U.
 Rated voltage: 230 V~, +10 % / -10 %
 Rated frequency: 50 Hz
 Inputs: 1
 Outputs: 1x Normally open contact, potential-bound
 Suitable for: 230 V- LEDi, typical.
 Rated power: 3 - 240 VA
 Suitable for: 230 V incandescent lamps/230 V halogen lamps
 Rated power: 10 - 240 W
 Suitable for: Low voltage halogen lamps that are operated via transformers.
 Rated power: 3 - 240 VA
 Temperature range (Device): -5 °C to 45 °C
 Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm
 Mounting depth: 25 mm



Colour	Type	Order code	Pack/Qty.
	64814 U-500	2CKA006800A3048	1

¹⁾ Use only dimmable high-voltage LEDs.

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

ABB Busch-art linear®

ABB flex inserts

LED dimmer insert flex, 1gang ¹⁾ ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ FM, LED, 3-240 VA



2-wire connection (neutral conductor not required)
Neutral conductor optionally connectable
(recommended for the connection of low loads
< 10 W/VA).
Touch dimmer for switching lighting systems.
Operation in 1gang 2way installations via push switch-
unit for combination with flush-mounted units.
Operation also possible via conventional push buttons
(2020 US, 2021/6 UK).
Optimised for dimming of retrofit LED lamps (LEDi).
For dimmable Retrofit-LEDs (LEDi).
For dimmable Retrofit-LEDs (LEDi) with conventional or
electronic transformers.
For incandescent lamps, 230 V tungsten halogen
lamps, low-voltage halogen lamps with conventional or
electronic transformers and dimmable energy-saving
halogen lamps.
Mix operation of LEDi with conventional loads possible.
With manually adjustable operating mode: trailing /
leading edge control.
With adjustable minimum brightness.
With light-level memory and minimum brightness
memory.
Low-noise level by MOSFET transistors.
With electronic short-circuit protection.
With electronic overload protection.
Without control cover.
For control element flex, 1gang, wireless, 62711-WL.
For control element flex, 2gang, wireless, 62721-WL.
For Busch-Watchdog 180 flex sensors, wireless,
6276x-...-WL.
Rated power: 3-240 VA (LEDi)
Rated voltage: 230 V~, +10 % / -10 %
Rated frequency: 50 Hz
Inputs: 1
Outputs: 1x dimming channel
Suitable for: 230 V LEDi, typical (leading edge control)
Rated power: 3 - 100 VA
Suitable for: 230 V LEDi, typical (trailing edge control)
Rated power: 3 - 240 W
Suitable for: 230 V incandescent lamps, 230 V halogen
lamps and low-voltage halogen lamps with conventional
transformers or Busch Electronic Transformer.
Rated power: 10 - 240 VA
Temperature range (Device): -5 °C to 45 °C
Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm
Mounting depth: 25 mm IEC 60669-2-1, British Standard
EN 60669-2-1



Colour	Type	Order code	Pack/Qty.
	64851 U-500	2CKA006500A0013	1

¹⁾ In the case of conventional transformers, take ~20% transformer loss into account.
²⁾ In case of electronic transformers, 5 % transformer losses.

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

⁴⁾ Recommendation: Please use loads and types of one producer.

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

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

ABB flex comfort switch sensor

Extension insert flex ¹⁾



3 wire connection (neutral conductor required).
For the extension of the Busch-Comfort switch or
presence detector installations. For group control of flex
inserts via extension unit communication.
Operation in 1gang 2way installations via push switch-
unit for combination with flush-mounted units.
Without control cover. For control element flex, 1gang,
wireless, 62711-WL. For control element flex, 2gang,
wireless, 62721-WL. For Busch-Watchdog 180 flex
sensors 6476x-... . For Busch-Watchdog 180 flex sensors,
wireless, 6276x-...-WL. Combinable with all flex inserts.
Rated voltage: 230 V~, +10 % / -10 %
Rated frequency: 50 Hz. Control/Signal outputs: 1,
electronic output, potential-bound. Temperature range
(Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x
71 mm x 30 mm. Mounting depth: 25 mm

Colour	Type	Order code	Pack/Qty.
	64891 U-500	2CKA006800A3051	1

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

ABB Busch-art linear®

Movement

Busch-Comfort switch® Control Element Movement sensor



Movement detector push-button switch combination. For switching lighting systems that depend on brightness and movement. With select lens, prevents detection of smaller animal. Push switch function possible at all times. With notice LED when manual operation is necessary. Extension of the detection range by main unit/extension unit combination. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Additional activation/deactivation option via push-button input on the flush-mounted insert. Adjustable operating mode: automatic mode, automatic (motion-controlled) switch-on and switch-off. Adjustable operating mode: semiautomatic, manual switch-on, automatic (timer and movement-controlled) switch-off. Adjustable operating mode: automatic mode, automatic switch-on, manual switch-off. With continuous light/continuous Off function. Adjusting elements on rear side. Surveillance density: 9 sectors with 28 switching segments. Switch off delay: 1 to 10 min., adjustable. Compatible with all ABB flexTronics inserts. For relay insert flex, 1gang, 64811 U-500. For relay insert flex, 2gang, 64821 U-500. For e-contact insert flex, 1gang, 64814 U-500. For LED touch dimmer insert flex, 1gang, 64851 U-500. For extension insert flex, 64891 U-500. Display elements: LED for status display. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Brightness limit value: 5 Lux - daytime operation. Height above the wall: 21 mm. The range specifications refer only to an ambient temperature of 21°C. Please order the respective flush-mounted insert separately. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	64765-44G	2CKA006800A3144	1
studio white, matt ¹⁾	64765-44M	2CKA006800A3145	1
black matt ¹⁾	64765-45M	2CKA006800A3147	1

¹⁾ Surface painted.

Busch-Watchdog® Cover Plate Movement sensor



Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	64761-44G-500	2CKA006800A3124	1
studio white, matt ¹⁾	64761-44M-500	2CKA006800A3125	1
black matt ¹⁾	64761-45M-500	2CKA006800A3127	1

¹⁾ Surface painted.

Cover Plate Movement sensor



Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. For detection down to the floor. For detection in stairwells. With 4 detection levels. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Adjusting elements on rear side. Multi-lens: suitable also for mounting heights of 2.20 m. Extension of the detection range by means of master/slave combination. With continuous light/continuous Off function. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Surveillance density: 54 sectors with 224 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 31 mm. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	64764-44G-500	2CKA006800A3140	1
studio white, matt ¹⁾	64764-44M-500	2CKA006800A3141	1
black matt ¹⁾	64764-45M-500	2CKA006800A3143	1

¹⁾ Surface painted.

ABB Busch-art linear®

Movement

Busch-Watchdog® Cover Plate Movement sensor



Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. ./ In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Adjusting elements on rear side. Extension of the detection range by means of master/slave combination. With continuous light/continuous Off function. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 22 mm. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	64762-44G-500	2CKA006800A3132	1
studio white, matt ¹⁾	64762-44M-500	2CKA006800A3133	1
black matt ¹⁾	64762-45M-500	2CKA006800A3135	1

¹⁾Surface painted.

Cover Plate Movement sensor free@home (TP)



Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. ./ In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With time-controlled basic illumination function. With time-controlled night anti-glare function. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Works with free@home. Remote operation via the Bluetooth and smartphone/tablet app. Programming via Bluetooth with the ABB-free@home® app or via the web interface of the System Access Point. Extension of the detection range by means of master/slave combination. Timer with Astro function. Automatic switchover from summer time to winter time (switch-off function). With continuous light/continuous Off function. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Surveillance density: 14 sectors with 56 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	62762-44G-WL-500	2CKA006200A0302	1
studio white, matt ¹⁾	62762-44M-WL-500	2CKA006200A0303	1
black matt ¹⁾	62762-45M-WL-500	2CKA006200A0305	1

¹⁾Surface painted.

Cover Plate Movement sensor free@home (TP)

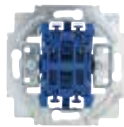


Movement detector sensor with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. For detection down to the floor. For detection in stairwells. With 4 detection levels. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With time-controlled basic illumination function. With time-controlled night anti-glare function. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Remote operation via the Bluetooth and smartphone/tablet app. Multi-lens: suitable also for mounting heights of 2.20 m. Extension of the detection range by means of master/slave combination. Timer with Astro function. Automatic switchover from summer time to winter time (switch-off function). With continuous light/continuous Off function. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Surveillance density: 54 sectors with 224 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	62764-44G-WL-500	2CKA006200A0311	1
studio white, matt ¹⁾	62764-44M-WL-500	2CKA006200A0312	1
black matt ¹⁾	62764-45M-WL-500	2CKA006200A0314	1

¹⁾Surface painted.

Blind switch insert ¹⁾ SP, switch



With interlock.
Rated voltage: 250 V~
Rated current: 10 AX
Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1

Colour	Type	Order code	Pack/Qty.
	2000/4 US-500	2CKA001012A2197	10/100
	2020/4 US-500	2CKA001413A1103	10/100

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

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

ABB Busch-art linear®

Blind control / timers

Blind compact timer



Suitable for blind and roller blind drives with mechanical or electronic limit switch shut-off.

Without extension unit input.

Running time: 3 min. N-busbar connection is required.

For manual and time-controlled switching of blinds and roller blinds. Memory function for the simple storage of switching times. The controlled devices can be manually operated at any time. Simple setting via display with with segment display and background illumination.

Factory pre-set switching times, individual adaptations are possible. 2 switching times per day can be freely adjusted for each day of the week.

Automatic switchover from summer time to winter time (switch-off function). Switching times and programs are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes. See the associated cover plates 6435-xx.

Programming possible only with control element attached and energized. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz

Outputs: 2x Normally open contact

Rated current: 3 A, cos ϕ 0.5. Rated power: 690 VA

Temperature range (Device): 0 °C to 45 °C

Colour	Type	Order code	Pack/Qty.
	6422 U-500	2CKA006410A0410	1/10

ABB Busch-art linear®

Blind control / timers

Rocker with legend Symbol "arrows" for Venetian blind, Two-part rocker



As cover for flush-mounted blind control switch/push switch. For inserts 2000/4 and 2020/4 US.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1785 JA-44G-500	2CKA001751A3397	10
studio white, matt ¹⁾	1785 JA-44M-500	2CKA001751A3398	10
black matt ¹⁾	1785 JA-45M-500	2CKA001751A3400	10

¹⁾Surface painted.

Standard timer control element ¹⁾



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

Colour	Type	Order code	Pack/Qty.
	6456-101	2CKA006410A0398	1/10

¹⁾See respective cover plates 6435-xx.

ABB Busch-art linear®

Blind control / timers

Comfort timer control element ¹⁾



For manual and time-controlled switching of blinds, roller blinds, awnings, lighting and other electrical devices.

With dusk to dawn program including (Astro-program) Individual Astro adjustment and Astro blocking time. The controlled devices can be manually operated at any time.

Simple setting via high-resolution display with background illumination.

With preset switching times/date/time.

Factory-set switching times can be individually adjusted.

Automatic switchover from summer time to winter time (switch-off function).

Switching times/programme are safely stored in the event of a mains power failure.

Power reserve for time and date > 10 years.

Simple toggling between manual/automatic/vacation modes.

Combined with Busch-Blind control II insert 6411 U/S-101, sun protection and twilight function.

Freely adjustable temperature and brightness-dependent sun protection function.

Freely adjustable twilight function.

User-adjustable running times for blinds and air conditioning.

Programming possible only with control element attached and energized.

6 switching times per day can be user-defined for each day of the week.

Astro switching times and switching times can be combined.

When combined with LED dimmer 6524 U, Busch-Universal master dimmer insert 6593 U or Busch-Memory touch-type controller 6550 U-101, the brightness of the lighting can be adjusted for each ON switching time.

For Busch-Blind control II insert 6411 U-101, 6411 U/S-101.

For Busch-Universal relay switch insert 6401 U-102.

For Busch-Universal master dimmer insert 6593 U.

For LED dimmer insert 6524 U and 6526 U..

For Busch-Memory touch-type controller 6550 U-101.

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

Colour	Type	Order code	Pack/Qty.
	6455-101-500	2CKA006410A0399	1/10

¹⁾ See respective cover plates 6435-xx.

Cover plate with legend for Time switch



For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500. For blind compact timer 6422 U.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	6435-44G	2CKA006430A0450	10
studio white, matt ¹⁾	6435-44M	2CKA006430A0451	10
black matt ¹⁾	6435-45M	2CKA006430A0453	10

¹⁾ Surface painted.

ABB Busch-art linear®

Blind control / timers

Blind insert, 1 gang, 2 way flex



3 wire connection (neutral conductor required). For the control of roller shutters, blind and awning motors with mechanical or electronic limit switch shut-off. Group formation via extension input possible. Operation also via conventional push buttons (2020 US non-illuminated/2021/6 UK) possible. Without control cover. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL.

Colour	Type	Order code	Pack/Qty.
	64831 U-500	2CKA006400A0096	1

Control element, 1 gang, flex wireless



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

Colour	Type	Order code	Pack/Qty.
	62711-WL-500	2CKA006200A0281	1

Control element, 1 gang, flex wireless



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

Colour	Type	Order code	Pack/Qty.
	62721-WL-500	2CKA006200A0283	1

Weather Station



For recording and transmitting of brightness, temperature, wind speed and rain. Weather data can be linked with actuators to automatically control functions. Weather data can be visualized in the free@home web interface and the free@home app. Remote operation via the Bluetooth and smartphone/tablet app.

Colour	Type	Order code	Pack/Qty.
	WS-1-WL.1	2CKA006200A0297	1

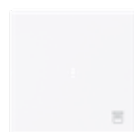
Standard Inputs

WS-1/A1.1 Mast adapter weather station



Colour	Type	Order code	Pack/Qty.
	WS-1/A1.1	2CKA006200A0848	1

Rocker 1gang, with "Jalousie" icon



As cover for ABB-free@home® sensor units (e.g. 6221/1.0) and sensor/actuator units (e.g. 6211/1). As cover for KNX 2gang push-button coupling unit (6108/06-500).

Colour	Type	Order code	Pack/Qty.
studio white	6232-10-44G	2CKA006220A0936	10
studio white, matt ¹⁾	6232-10-44M	2CKA006220A0937	10
black matt ¹⁾	6232-10-45M	2CKA006220A0939	10

¹⁾ Surface painted.

ABB Busch-art linear®

Rocker switches / push switches

Rocker 2gang left and right, with "Jalousie" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2).
As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6232-20-44G	2CKA006220A0964	10
studio white, matt ¹⁾	6232-20-44M	2CKA006220A0965	10
black matt ¹⁾	6232-20-45M	2CKA006220A0967	10

¹⁾Surface painted.

Rocker 2gang right, with "Scene" icon



As a cover for ABB-free@home® sensor units (e.g. 6221/2.0) and sensor/actuator units (e.g. 6211/2).
As cover for KNX 4gang push-button coupling unit (6108/07).

Colour	Type	Order code	Pack/Qty.
studio white	6233-22-44G	2CKA006220A0972	10
studio white, matt ¹⁾	6233-22-44M	2CKA006220A0973	10
black matt ¹⁾	6233-22-45M	2CKA006220A0975	10

¹⁾Surface painted.

ABB Busch-art linear®

Cover plate

Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang



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

Colour	Type	Order code	Pack/Qty.
	0218/11-101	2CKA000230A0409	1/10

¹⁾ Suitable for cover plate 1803-xxx.

Data-connection box, RJ 45, cat. 6a iso, shielded ¹⁾ 2 x outlets, 8/8-pole



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

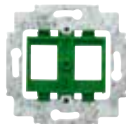
Colour	Type	Order code	Pack/Qty.
	0218/12-101	2CKA000230A0411	1/10

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

ABB Busch-art linear®

Rocker switches / push switches

Mounting plate ¹⁾ ²⁾ with green insert



For 2 modular jack inserts.
For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.
With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114.
Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm.
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	1810-500	2CKA001753A9974	10/100

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

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

Mounting plate ¹⁾ ²⁾ with red insert



For 2 modular jack inserts.
Suitable for Art. Nos. 0210, 0211 and 0219-101.
For systems: AMP / tyco Electronics, BTR, EFB, Krone, Panduit, Quante, Radiall, Setec, Dr.-Ing. Sieger, Telena, Thomas & Betts
For Telegärtner AMJ/UMJ connection modules / couplings.
For 2 fiber optic modules of the following types: 3M-Volition, Krone, mvk.
Pitch dimensions: (WxH) approx. 14.8 x 19.4 mm.
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	1812-500	2CKA001753A9972	10/100

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

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

Mounting plate ¹⁾ ²⁾ with black insert



For MTRJ or 2 modular jack inserts.
For systems: Ackermann, AMP / tyco Electronics (Slim Line (SL) -SM 2gang/switches: 110Connect Jacks, Toolless Jacks / Standard 110Connect Jacks), Brand-Rex, CombiNet, EFB Electronic, Telena.
For 2 fiber optic modules of the following types: AMP / tyco Electronics MTRJ.
Pitch dimensions: (WxH) approx. 14.8 x 20.4 mm.
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	1814-500	2CKA001753A9973	10/100

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

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

Mounting plate ¹⁾ ²⁾ with orange base



For 2 modular jack inserts.
For system: LexCom 150 and LexCom 250.
Pitch dimensions: (WxH) approx. 15.4 x 15.4 mm.
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	1819	2CKA001753A8056	10/100

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

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

Mounting plate ¹⁾ ²⁾ with grey base



For 2 modular jack inserts.
For system: Panduit MiniCom (Cu. z.B. TX6 10 Gig Shielded Jack modules and fiber optic modules.
Pitch dimensions: (WxH) approx. 15.9 x 18.7 mm.
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	1820	2CKA001753A8057	10/100

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

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

Flush-mounted assembly adapter



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

Colour	Type	Order code	Pack/Qty.
	0219/12	2CKA000230A0395	1/10

Channel assembly adapter



For the accommodation of one or two universal modules 0219.
For channel and under-floor installation.
Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	0219/13	2CKA000230A0396	1/10

ABB Busch-art linear®

Cover plate

Universal module, RJ 45, cat. 6a iso, shielded ¹⁾ 1gang



For installation in installation adapter 0219/12 or 0219/13.
Also suited for mounting into cover plate 2561-xxx, 2564-02-xxx and bases 1812, 1866 EB, and 1867 EB. RJ-45 terminals for networks according to Cat 6A, Class EA (10 Gbits/s / 500MHz).
Equates to cat. 6a, Class EA according to ISO/IEC 11801:2011-06.
Cat. 6A according to ISO/IEC 11801: 2011-06.
Terminal marking A and B according to TIA/EIA-568-B.2.
Typ according to EN 60 603-7-51:2011-01.
Shielding according to DIN EN 55022, Class B.
Suitable for PoE+ according to IEEE 802.3at, >- 1.000 contact durability.
Bend-radius optimised cable feed (30°).
Earthing of housing via 6,3 mm blade terminal at the back possible.
Re-embedded proofed.
Suitable for Mix-and-Match operation.
For 8-pole plug RJ 45 only.
Housing made from diecast zinc.
With integrated dust-protection cap (can be removed if necessary).
With insulation displacement connection
For data cables with a diameter of 6 -10 mm.
For wires of AWG 24-22.
For trunk systems, flush-mounted wall boxes and underfloor systems.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	0219-101	2CKA000230A0413	1/10

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

Cover Plate Blind cap with Mounting plate



Cover plate as blind cap. Without visible screw.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1742-44G-500	2CKA001710A4215	10
studio white, matt ¹⁾	1742-44M-500	2CKA001710A4216	10
black matt ¹⁾	1742-45M-500	2CKA001710A4218	10

¹⁾Surface painted.

Cover Plate Cable outlet with Mounting plate; 3-pole screw terminal block



As cover for flex outlet, for cords up to 10.3 mm diameter. With strain relief. With 3-pole screw terminal block.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1749-44G	2CKA001710A4248	10
studio white, matt ¹⁾	1749-44M	2CKA001710A4249	10
black matt ¹⁾	1749-45M	2CKA001710A4251	10

¹⁾Surface painted.

Cover plate with labelling field Data connection 1 gang



As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK). BTR (universal data connecting unit design and IAE design). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 50 x 9 mm.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1803-44G-500	2CKA001710A4223	10
studio white, matt ¹⁾	1803-44M-500	2CKA001710A4224	10
black matt ¹⁾	1803-45M-500	2CKA001710A4226	10

¹⁾Surface painted.

Cover plate with labelling field Data connection 2 gang



As cover for universal data connection boxes. Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck. Brand-Rex (WAEGV 8/8 EKR/EK). AMP (NETCONNECT 5E). BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design). cti (cti-wire 2.8 Cat.6). Telegärtner (AMJ 45, UMJ 45). With down-leading outlet. With labelling field. Size of labelling field: 50 x 9 mm.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1803-02-44G-500	2CKA001710A4231	10
studio white, matt ¹⁾	1803-02-44M-500	2CKA001710A4232	10
black matt ¹⁾	1803-02-45M-500	2CKA001710A4234	10

¹⁾Surface painted.

Cover Plate TAE; UAE / TAE; USB / VGA / HDMI / loudspeaker 1 gang



For telephone connection unit. / . For USB, VGA, HDMI inserts and communication adapter. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1766-44G-500	2CKA001710A4166	10
studio white, matt ¹⁾	1766-44M-500	2CKA001710A4167	10
black matt ¹⁾	1766-45M-500	2CKA001710A4169	10

¹⁾Surface painted.

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Cover plate

Cover plate with labelling field Modular Jack 2 gang



For modular jack with slide entrance. To fit only Art. No. 1810, 1812, 1814, 1816, 1818, 1819 and 1820. With labelling field.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1800-44G	2CKA001710A4235	10
studio white, matt ¹⁾	1800-44M	2CKA001710A4236	10
black matt ¹⁾	1800-45M	2CKA001710A4238	10

¹⁾Surface painted.

Cover Plate Modular Jack 1 gang



For 1 modular jack. Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2561-44G	2CKA001753A9922	10
studio white, matt ¹⁾	2561-44M	2CKA001753A9923	10
black matt ¹⁾	2561-45M	2CKA001753A9925	10

¹⁾Surface painted.

Cover Plate Telecommunication inserts 50 x 50 mm



For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1746/10-44G-500	2CKA001710A4178	10
studio white, matt ¹⁾	1746/10-44M-500	2CKA001710A4179	10
black matt ¹⁾	1746/10-45M-500	2CKA001710A4181	10

¹⁾Surface painted.

Intermediate Ring for cover plates Busch-Balance® SI



For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1747 BSI-44G	2CKA001710A4170	10
studio white, matt ¹⁾	1747 BSI-44M	2CKA001710A4171	10
black matt ¹⁾	1747 BSI-45M	2CKA001710A4173	10

¹⁾Surface painted.

Cover Plate with Hinged Lid Telecommunication inserts



With hinged lid. For telecommunication inserts with cover plate 50 x 50 mm. With cover plate 50 x 50 mm, AMP, Brand-Rex, Rutenbeck, BTR, Telegärtner, etc.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1746-44G	2CKA001753A9917	10
studio white, matt ¹⁾	1746-44M	2CKA001753A9918	10
black matt ¹⁾	1746-45M	2CKA001753A9920	10

¹⁾Surface painted.

Intermediate Ring with Hinged Lid for cover plates Busch-Balance® SI 1 gang with Sealing Ring



For attaching cover plates from the Busch-balance® SI range. Delivery without cover plate. With sealing ring. With hinged lid.

Protection class (Device): IP 44

Colour	Type	Order code	Pack/Qty.
studio white	2518-WD-44G	2CKA001719A0179	10
studio white, matt ¹⁾	2518-WD-44M	2CKA001719A0180	10
black matt ¹⁾	2518-WD-45M	2CKA001719A0182	10

¹⁾Surface painted.

ABB Busch-art linear®

Cover plate

Cover Plate XLR 1 gang



As cover for Neutrik plug connectors, type D series.
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2553-44G	2CKA001724A4448	10
studio white, matt ¹⁾	2553-44M	2CKA001724A4449	10
black matt ¹⁾	2553-45M	2CKA001724A4451	10

¹⁾ Surface painted.

Cover Plate Bore hole 1 gang



With screw-type terminal. Fixed with central locknut.
As cover for pilot devices with a diameter of 22.5 mm
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	2533-44G	2CKA001724A4444	10
studio white, matt ¹⁾	2533-44M	2CKA001724A4445	10
black matt ¹⁾	2533-45M	2CKA001724A4447	10

¹⁾ Surface painted.

Cover plate with labelling field For data connection housing



For communication devices. With labelling field. Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1758-44G	2CKA001724A4455	10
studio white, matt ¹⁾	1758-44M	2CKA001724A4456	10
black matt ¹⁾	1758-45M	2CKA001724A4458	10

¹⁾ Surface painted.

HDMI connection unit ¹⁾ with screw-type terminals and strain relief



Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.
To link high-definition digital audio and video data from e.g. SAT-receiver, DVD-/Blue-Ray-player to plasma-type, LCD- or-LED-TVs/screens.
HDMI-type A, 3D-compatible.
Fully HD ready (1920 x 1080 pixel).
For 20-wire HDMI-cables via screw-type terminals.
For trunk systems, flush-mounted wall boxes and underfloor systems.
For easy mounting and adhering to the admissible bending radii, the Kaiser >Electronic socket<, article number 1068-02 or 9062-74, is recommended.
Without cover plate.
Without claws.
Protection class (Device): IP 20
Mounting depth: 34 mm

Colour	Type	Order code	Pack/Qty.
white	0261/31-500	2CKA000230A0430	1
grey	0261/33-500	2CKA000230A0432	1
alpine white	0261/32-500	2CKA000230A0431	1

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

VGA connection unit ¹⁾ with screw-type terminals and strain relief



Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.
To link analogue video data between PCs and laptops to monitors or digital projectors etc.
VGA-type: D-type, 15-pole.
Fully HD ready (1920 x 1080 pixel).
For 15-wire VGA-cables via screw-type terminals.
For trunk systems, flush-mounted wall boxes and underfloor systems.
For easy mounting and adhering to the admissible bending radii, the Kaiser >Electronic socket<, article number 1068-02 or 9062-74, is recommended.
Without cover plate.
Without claws.
Protection class (Device): IP 20
Mounting depth: 34 mm

Colour	Type	Order code	Pack/Qty.
white	0261/21-500	2CKA000230A0424	1
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

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

ABB Busch-art linear®

Cover plate

USB connection unit ¹⁾ with screw-type terminals and strain relief



Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.
To link mobile devices like e.g. printer, scanner, USB-sticks or digital cameras etc.
USB-type A, USB 2.0 compatible.
For 5-wire USB- cables via screw-type terminals.
For trunk systems, flush-mounted wall boxes and underfloor systems.
For easy mounting and adhering to the admissible bending radii, the Kaiser >Electronic socket<, article number 1068-02 or 9062-74, is recommended.
Without cover plate.
Without claws.
Protection class (Device): IP 20
Mounting depth: 34 mm

Colour	Type	Order code	Pack/Qty.
white	0261/11-500	2CKA000230A0418	1
grey	0261/13-500	2CKA000230A0420	1
alpine white	0261/12-500	2CKA000230A0419	1

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

Communication adapter for BNC-F Duct-jacks



Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.
To support 1 or 2 jacks.
For trunk systems, flush-mounted wall boxes and underfloor systems.
Without cover plate.
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
white	0262/11-500	2CKA000230A0436	1
grey	0262/13-500	2CKA000230A0438	1
alpine white	0262/12-500	2CKA000230A0437	1

F duct-jack for communication adapter



For connection of antenna cables e.g.. for TVs with integrated TV-tuner and satellite receiver.
With screw-type terminals.
For trunk systems, flush-mounted wall boxes and underfloor systems.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
metal clad	0262-500	2CKA000230A0440	1

Communication adapter for Cinch-jacks



Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.
To support 1 or 2 jacks.
For trunk systems, flush-mounted wall boxes and underfloor systems.
Without cover plate. Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
white	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1

Cinch-jacks for communication adapter



To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.
Audio-band 20Hz - 20kHz.
Marked white: audio , channel left.
With soldering tag.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
alpine white	0263/04-500	2CKA000230A0451	1

Cinch-jacks for communication adapter



To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.
Audio-band 20Hz - 20kHz.
Marked black: audio , channel left.
With soldering tag.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
black	0263/05-500	2CKA000230A0452	1

Cinch-jacks for communication adapter



To link analogue audio devices like audio-receiver, amplifier and HiFi-sets.
Audio-band 20Hz - 20kHz.
Marked red: audio , channel left.
With soldering tag.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
Red	0263/06-500	2CKA000230A0453	1

Cinch-jacks for communication adapter



For connecting analogue video devices, such as DVD players, hard disc recorders, video recorders or receivers.
Marked yellow: audio , channel left.
With soldering tag.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
yellow	0263/07-500	2CKA000230A0454	1

Communication adapter for Mini-jacks 3,5mm.



Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.
To support 1 or 2 jacks.
For trunk systems, flush-mounted wall boxes and underfloor systems.
Without cover plate.
Without claws.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
white	0264/11-500	2CKA000230A0458	1
grey	0264/13-500	2CKA000230A0460	1
alpine white	0264/12-500	2CKA000230A0459	1

ABB Busch-art linear®

Cover plate

Mini-jack 3,5 mm for communication adapter



For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz. With soldering tag. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
chrome gloss	0264-500	2CKA000230A0462	1

Stereo loudspeaker connection box ¹⁾



With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm². Polarity is indicated by color. With claw. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
white	0248/02-101	2CKA000230A0402	10/100

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

Stereo loudspeaker connection box ¹⁾



With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm². Polarity is indicated by color. With claw. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
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¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

Stereo loudspeaker connection box ¹⁾



With screwless terminals (with screw-type terminals on the back). With 4 terminals. Cable cross-section max. 10 mm². Polarity is indicated by color. With claw. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	0248/05-101	2CKA000230A0404	10/100

¹⁾ Suitable for cover telephone unit 1766-xxx and 2539-21x.

Room thermostat, flush-mounted ¹⁾ ²⁾ ³⁾ Change-over contact, setpoint indication, timer



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

Colour	Type	Order code	Pack/Qty.
	1098 U-101	2CKA001032A0508	1/10

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

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

³⁾ Switching temperature difference: ± 0.5 K.

Room Thermostat



Electronic room thermostat, open contact, fm. Normally open contact, non-isolated. Switch contact opens when the set temperature is reached. Without fixing claws. Separate terminal to activate eco mode to reduce the room temperature by 3K. See respective cover plates 1794 R-xx. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~. Power dissipation: ≤ 0,15 W. Rated current: 10 A. Temperature range (device): 5 °C - 30 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm. Protection class device: IP 20. Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete. Servo-valves, "de-energised open", are necessary for connection to thermostat. e.g. Article No. 6164/10-102. Switching temperature difference: ± 0.5 K

Colour	Type	Order code	Pack/Qty.
	1094 U-101-500	2CKA001032A0525	1/10
	1097 U-101-500	2CKA001032A0528	1/10
	1099 UHK-101-500	2CKA001032A0531	1/10

ABB Busch-art linear®

Cover plate

Cover Plate TAE; UAE / TAE; USB / VGA / HDMI / loudspeaker 1 gang



For telephone connection unit. ./ For USB, VGA, HDMI inserts and communication adapter. For loudspeaker connection box. Suitable for part number 0248/0x-101. For data modules. Suitable for Art. No. 0219/12 and 0219/13. For modular outlets with 90° RJ45 outlet from Telegärtner (type MJ and WE).
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1766-44G-500	2CKA001710A4166	10
studio white, matt ¹⁾	1766-44M-500	2CKA001710A4167	10
black matt ¹⁾	1766-45M-500	2CKA001710A4169	10

¹⁾Surface painted.

Cover plate with legend for Time switch



For comfort timer control element 6455-101-500. For standard timer control element 6456-101. For room thermostats 1098 U-101 and 1098 UF-101. For short-time timer 6465 U-101. For Busch-CO2 sensor 1091 U-500. For blind compact timer 6422 U.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	6435-44G	2CKA006430A0450	10
studio white, matt ¹⁾	6435-44M	2CKA006430A0451	10
black matt ¹⁾	6435-45M	2CKA006430A0453	10

¹⁾Surface painted.

Cover plate with legend for Thermostat Turn button white



C-plate for room thermostats 1094 U-101, 1097 U-101; 1099 U-101.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
white	1794 R-44M	2CKA001710A4206	10
white	1794 R-44G	2CKA001710A4207	10
black	1794 R-45M	2CKA001710A4208	10

Cover plate RTC



As cover for ABB-free@home® room temperature controller RTC-F-1.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	6235-44G	2CKA006220A0920	10
studio white, matt ¹⁾	6235-44M	2CKA006220A0921	10
black matt ¹⁾	6235-45M	2CKA006220A0923	10

¹⁾Surface painted.

Cover plate f. RTC



As cover for room temperature controller with/without CO2/moisture sensor (6109/18 and 6109/28).
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	6109/03-44G-500	2CKA006155A0126	10
studio white, matt ¹⁾	6109/03-44M-500	2CKA006155A0127	10
black matt ¹⁾	6109/03-45M-500	2CKA006155A0129	10

¹⁾Surface painted.

Insert Info light; LED / White



Size of information field 43 x 43 mm. Long service life of the lighting element (LEDs). Homogeneous backlighting of the information field.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1756 U-44G	2CKA001753A0244	10
studio white, matt ¹⁾	1756 U-44M	2CKA001753A0245	10
black matt ¹⁾	1756 U-45M	2CKA001753A0247	10

¹⁾Surface painted.

ABB Busch-art linear®

Accessories

Extension of claws ¹⁾



For the installation of flush-mounted SCHUKO® socket outlets and also switches, push-buttons, etc. and deeply installed flush-mounted boxes.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	2148	2CKA002148A0120	100

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

Braille symbol



Self-adhesive (transparent) for cover 2506-xxx
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	light		
	2144 LI	2CKA001714A0295	10/1000
	bell		
	2144 KI	2CKA001714A0296	10/1000
	key		
	2144 TR	2CKA001714A0297	10/1000

Braille symbol socket outlet



Self-adhesive, transparent for socket outlets with hinged lid
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	2144 ST	2CKA001714A0298	10/1000

RC suppressor



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

Colour	Type	Order code	Pack/Qty.
	6899	2CKA006899A0231	10

Cover frame

Cover Frame 1gang



For vertical or horizontal installation.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1721-44G-500	2CKA001754A4841	10
studio white, matt ¹⁾	1721-44M-500	2CKA001754A4842	10
black matt ¹⁾	1721-45M-500	2CKA001754A4844	10
studio white matt / copper	1721-441M-500	2CKA001754A4905	10
black matt / gold	1721-453M-500	2CKA001754A4906	10
black matt / chrome	1721-456M-500	2CKA001754A4907	10
aluminium black	1721-4071	2CLA897100A1658	1
aluminium silver	1721-4073	2CLA897100A1758	1
glass black	1721-4025	2CKA001754A4877	1
glass black/ gold	1721-4013	2CKA001754A4882	1
glass blue	1721-4028	2CLA897100A3958	1
paper black	1721-4045	2CKA001754A4897	1
slate terra rosso	1721-4097	2CLA897100A2958	1
wood oak	1721-4083	2CKA001754A4887	1
wood walnut	1721-4086	2CKA001754A4892	1

¹⁾ Surface painted.

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Cover frame

Cover Frame 2gang



For vertical or horizontal installation.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1722-44G-500	2CKA001754A4849	10
studio white, matt ¹⁾	1722-44M-500	2CKA001754A4850	10
black matt ¹⁾	1722-45M-500	2CKA001754A4852	10
studio white matt / copper	1722-441M-500	2CKA001754A4911	10
black matt / gold	1722-453M-500	2CKA001754A4912	10
black matt / chrome	1722-456M-500	2CKA001754A4913	10
aluminium black	1722-4071	2CLA897200A1658	1
aluminium silver	1722-4073	2CLA897200A1758	1
glass black	1722-4025	2CKA001754A4878	1
glass black/ gold	1722-4013	2CKA001754A4883	1
glass blue	1722-4028	2CLA897200A3958	1
paper black	1722-4045	2CKA001754A4898	1
slate terra rosso	1722-4097	2CLA897200A2958	1
wood oak	1722-4083	2CKA001754A4888	1
wood walnut	1722-4086	2CKA001754A4893	1

¹⁾ Surface painted.

Cover Frame 3gang



For vertical or horizontal installation.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1723-44G-500	2CKA001754A4857	10
studio white, matt ¹⁾	1723-44M-500	2CKA001754A4858	10
black matt ¹⁾	1723-45M-500	2CKA001754A4860	10
studio white matt / copper	1723-441M-500	2CKA001754A4917	10
black matt / gold	1723-453M-500	2CKA001754A4918	10
black matt / chrome	1723-456M-500	2CKA001754A4919	10
aluminium black	1723-4071	2CLA897300A1658	1
aluminium silver	1723-4073	2CLA897300A1758	1
glass black	1723-4025	2CKA001754A4879	1
glass black/ gold	1723-4013	2CKA001754A4884	1
glass blue	1723-4028	2CLA897300A3958	1
paper black	1723-4045	2CKA001754A4899	1
slate terra rosso	1723-4097	2CLA897300A2958	1
wood oak	1723-4083	2CKA001754A4889	1
wood walnut	1723-4086	2CKA001754A4894	1

¹⁾ Surface painted.

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Cover frame

Cover Frame 4gang



For vertical or horizontal installation.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1724-44G-500	2CKA001754A4865	1
studio white, matt ¹⁾	1724-44M-500	2CKA001754A4866	1
black matt ¹⁾	1724-45M-500	2CKA001754A4868	1
studio white matt / copper	1724-441M-500	2CKA001754A4923	1
black matt / gold	1724-453M-500	2CKA001754A4924	1
black matt / chrome	1724-456M-500	2CKA001754A4925	1
aluminium black	1724-4071	2CLA897400A1658	1
aluminium silver	1724-4073	2CLA897400A1758	1
glass black	1724-4025	2CKA001754A4880	1
glass black/ gold	1724-4013	2CKA001754A4885	1
glass blue	1724-4028	2CLA897400A3958	1
paper black	1724-4045	2CKA001754A4900	1
slate terra rosso	1724-4097	2CLA897400A2958	1
wood oak	1724-4083	2CKA001754A4890	1
wood walnut	1724-4086	2CKA001754A4895	1

¹⁾ Surface painted.

Cover Frame 5gang



For vertical or horizontal installation.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1725-44G-500	2CKA001754A4873	1
studio white, matt ¹⁾	1725-44M-500	2CKA001754A4874	1
black matt ¹⁾	1725-45M-500	2CKA001754A4876	1
studio white matt / copper	1725-441M-500	2CKA001754A4929	1
black matt / gold	1725-453M-500	2CKA001754A4930	1
black matt / chrome	1725-456M-500	2CKA001754A4931	1
aluminium black	1725-4071	2CLA897500A1658	1
aluminium silver	1725-4073	2CLA897500A1758	1
glass black	1725-4025	2CKA001754A4881	1
glass black/ gold	1725-4013	2CKA001754A4886	1
glass blue	1725-4028	2CLA897500A3958	1
paper black	1725-4045	2CKA001754A4901	1
slate terra rosso	1725-4097	2CLA897500A2958	1
wood oak	1725-4083	2CKA001754A4891	1
wood walnut	1725-4086	2CKA001754A4896	1

¹⁾ Surface painted.

ABB-free@home®

User Operation – Design Ranges

Busch-art linear®



SD/U12.70.1-4015

Touch Display 2.4", 70 x 70 mm, FM

Freely programmable touch panel 1 – up to 12-fold featuring a 2.4-inch IPS screen with 240*240 resolution that offers home control and monitoring of the free@home, or KNX system. Control, observe and manage your entire installation on one device: Switching - Dimming - Slider - Blind - RGBW control element - Step switch - Scene switch - Display element - Audio control element. With scene function, logic functions, presence simulation and time programs.

Functions:

- A total 12 control elements are displayed on a maximum of 12 pages.
- 18 fault and alarm messages
- 10 logic functions
- 10 weekly timers
- 10 scene actuators
- 1 integrated temperature controller (RTC)
- Page display with a maximum of 4 touch surfaces on one page
- Primary function
- Integrated temperature sensor
- Haptic feedback
- Proximity sensor
- Brightness sensor
- 1 binary input or external temperature sensor input (PT1000 / 6226/T)

External power supply needed: 20-32 V DC (SELV)

Number of bus subscribers: 1

Optional Removal protection: TZE/U.0.xx.CK

Display size: 6.10 cm (2.4")

Display resolution: 240*240

Display screen: IPS display

Dimensions (L x W x D): (69.5 mm x 69.5 mm x 32 mm)

Display surface: glass black (-825)

Class of temperature controller 1 Contribution to space heating energy efficiency 1,0 %.

Description	Mod. width	Order details		Price 1 piece	Weight 1 piece	Pack unit
		Type code	Order code			
glass black	-	SD/U12.70.1-4015	2TMA310011B0004	€	kg	pc.
				0.078		1

ABB-free@home®

User Operation – Design Ranges

Busch-art linear®



KK/U4.70.1

Control Element, 70 x 70 mm

Freely configurable multifunction keypad 1- up to 4-fold with acoustic feedback. Communication over separat bus coupler unit (BAU-F-0.1). Operation via tapping or swiping of the parametrized functions, e.g., switching, dimming, blind/shutter control, scene.

- Primary function
- Integrated temperature sensor
- Buzzer for acoustic feedback
- Support of functions/status through innovative RGB light guide concept
- Day/night mode
- Orientation light
- Alarm function supported over light guide and acoustic feedback, e.g. 5 logic channels for KNX
- Light scene actuator
- Logic gates, etc.
- Sequencer
- Staircase function

Optional Removal protection: CSE/U0.1.xx.CK

Number of bus subscribers: 1

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	KK/U4.70.1	2CKA006115A0510		0.11586	1



BAU-F-0.1

Bus Coupling Unit free@home

Bus coupler unit for keypad 1- up to 4-fold devices: KK/U4.55.1, KK/U4.63.1 and KK/U4.70.1.

Bus connection via enclosed terminal block.

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
	–	BAU-F-0.1	2CKA006220A0999		0.121	1



LFW/A.0.70.1-CK

Cover customized

Freely configurable labeling field for keypad 1 – 4-fold (KK/U4.70.1.)

Ordering possible only with the unique design ID.

The icons and/or texts are configured over a web configuration tool.

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
pure plastics	–	LFW/A.0.70.1-CK	2CKA006199A0025		0.011586	1
painted plastics	–	LFW/A.0.70.1-CKL	2CKA006199A0519		0.011586	1

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User Operation – Design Ranges – ABB Trevion®

Busch-art linear®/ALBA



LFW/A.1.70.1-44G

Cover without Icon, 1-fold

Labeling field without icon/text for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFW/A.1.70.1-44G	2CKA006199A0435		0.011586	1
white matt	–	LFW/A.1.70.1-44M	2CKA006199A0451		0.011586	1
black matt	–	LFW/A.1.70.1-45M	2CKA006199A0483		0.011586	1



LFW/A.2.70.1-44G

Cover with Design Line, 2-fold

Labeling field with design line for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFW/A.2.70.1-44G	2CKA006199A0436		0.011586	1
white matt	–	LFW/A.2.70.1-44M	2CKA006199A0452		0.011586	1
black matt	–	LFW/A.2.70.1-45M	2CKA006199A0484		0.011586	1



LFW/A.3.70.1-44G

Cover with Design Line, 3-fold

Labeling field with design line for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFW/A.3.70.1-44G	2CKA006199A0437		0.011586	1
white matt	–	LFW/A.3.70.1-44M	2CKA006199A0453		0.011586	1
black matt	–	LFW/A.3.70.1-45M	2CKA006199A0485		0.011586	1



LFW/A.4.70.1-44G

Cover with Design Line, 4-fold

Labeling field with design line for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFW/A.4.70.1-44G	2CKA006199A0438		0.011586	1
white matt	–	LFW/A.4.70.1-44M	2CKA006199A0454		0.011586	1
black matt	–	LFW/A.4.70.1-45M	2CKA006199A0486		0.011586	1

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User Operation – Design Ranges – ABB Trevion®

Busch-art linear®/ALBA



LFB/A.1.70.1-44G

Cover with Light Icon, 1-fold Button

Labeling field with light icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFB/A.1.70.1-44G	2CKA006199A0439		0.011586	1
white matt	–	LFB/A.1.70.1-44M	2CKA006199A0455		0.011586	1
black matt	–	LFB/A.1.70.1-45M	2CKA006199A0487		0.011586	1

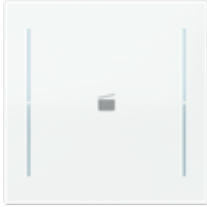


LFJ/A.1.70.1-44G

Cover with Blind Icon, 1-fold Button

Labeling field with blind icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFJ/A.1.70.1-44G	2CKA006199A0440		0.011586	1
white matt	–	LFJ/A.1.70.1-44M	2CKA006199A0456		0.011586	1
black matt	–	LFJ/A.1.70.1-45M	2CKA006199A0488		0.011586	1



LFS/A.1.70.1-44G

Cover with Scene Icon, 1-fold Button

Labeling field with one scene icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFS/A.1.70.1-44G	2CKA006199A0441		0.011586	1
white matt	–	LFS/A.1.70.1-44M	2CKA006199A0457		0.011586	1
black matt	–	LFS/A.1.70.1-45M	2CKA006199A0489		0.011586	1



LFDW/A.1.70.1-44G

Cover with Dim Icon, 1-fold Rocker

Labeling field with one dimming icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFDW/A.1.70.1-44G	2CKA006199A0442		0.011586	1
white matt	–	LFDW/A.1.70.1-44M	2CKA006199A0458		0.011586	1
black matt	–	LFDW/A.1.70.1-45M	2CKA006199A0490		0.011586	1

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LFJW/A.1.70.1-44G

Cover with Blind Icon, 1-fold Rocker

Labeling field with blind icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LFJW/A.1.70.1-44G	2CKA006199A0443		0.011586	1
white matt	–	LFJW/A.1.70.1-44M	2CKA006199A0459		0.011586	1
black matt	–	LFJW/A.1.70.1-45M	2CKA006199A0491		0.011586	1



LF AW/A.1.70.1-44G

Cover with Up/Down Icon, 1-fold Rocker

Labeling field with up/down icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LF AW/A.1.70.1-44G	2CKA006199A0444		0.011586	1
white matt	–	LF AW/A.1.70.1-44M	2CKA006199A0460		0.011586	1
black matt	–	LF AW/A.1.70.1-45M	2CKA006199A0492		0.011586	1



LF BT/A.2.70.1-44G

Cover with Light Icon, 2-fold Button

Labeling field with light icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LF BT/A.2.70.1-44G	2CKA006199A0445		0.011586	1
white matt	–	LF BT/A.2.70.1-44M	2CKA006199A0461		0.011586	1
black matt	–	LF BT/A.2.70.1-45M	2CKA006199A0493		0.011586	1



LF JT/A.2.70.1-44G

Cover with Blind Icon, 2-fold Button

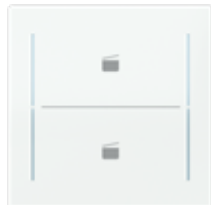
Labeling field with blind icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
				€	kg	pc.
white	–	LF JT/A.2.70.1-44G	2CKA006199A0446		0.011586	1
white matt	–	LF JT/A.2.70.1-44M	2CKA006199A0462		0.011586	1
black matt	–	LF JT/A.2.70.1-45M	2CKA006199A0494		0.011586	1

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User Operation – Design Ranges – ABB Trevion®

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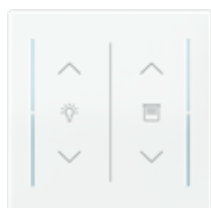


LFST/A.2.70.1-44G

Cover with Scene Icon, 2-fold Button

Labeling field with scene icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
			€	kg	pc.	
white	–	LFST/A.2.70.1-44G	2CKA006199A0447		0.011586	1
white matt	–	LFST/A.2.70.1-44M	2CKA006199A0463		0.011586	1
black matt	–	LFST/A.2.70.1-45M	2CKA006199A0495		0.011586	1



LFDW/A.2.70.1-44G

Cover with Dim/Blind Icon, 2-fold Rocker

Labeling field with one dimming- and one blind-icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
			€	kg	pc.	
white	–	LFDW/A.2.70.1-44G	2CKA006199A0448		0.011586	1
white matt	–	LFDW/A.2.70.1-44M	2CKA006199A0464		0.011586	1
black matt	–	LFDW/A.2.70.1-45M	2CKA006199A0496		0.011586	1



LFAW/A.2.70.1-44G

Cover with Up/Down Icon, 2-fold Rocker

Labeling field with up/down icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
			€	kg	pc.	
white	–	LFAW/A.2.70.1-44G	2CKA006199A0449		0.011586	1
white matt	–	LFAW/A.2.70.1-44M	2CKA006199A0465		0.011586	1
black matt	–	LFAW/A.2.70.1-45M	2CKA006199A0497		0.011586	1



LFMW/A.4.70.1-44G

Cover with Music Icon, 4-fold Button

Labeling field with Stop/Play/Volume icon for keypad 1 – 4-fold (KK/U4.70.1).

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
			€	kg	pc.	
white	–	LFMW/A.4.70.1-44G	2CKA006199A0450		0.011586	1
white matt	–	LFMW/A.4.70.1-44M	2CKA006199A0466		0.011586	1
black matt	–	LFMW/A.4.70.1-45M	2CKA006199A0498		0.011586	1



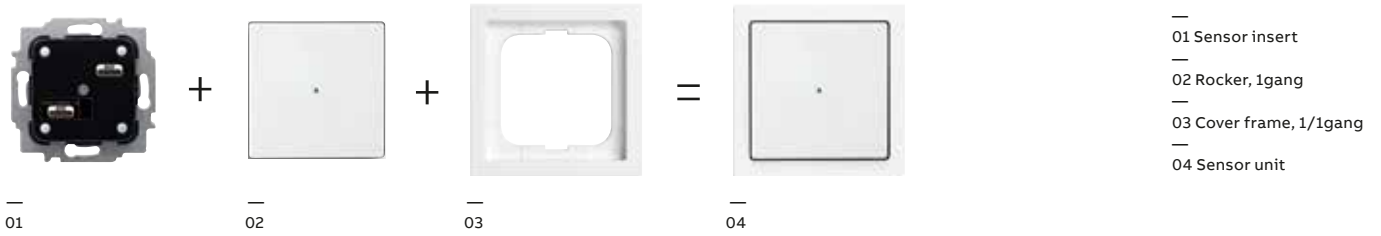
CSE/U0.1.1.CK

Removal protection

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
			€	kg	pc.	
	–	CSE/U0.1.1.CK	2CKA006199A0512			1

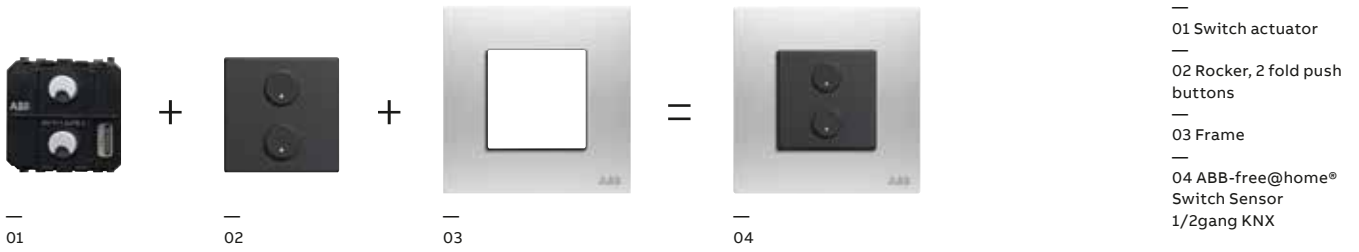
ABB-free@home®
Installation Standards

VDE



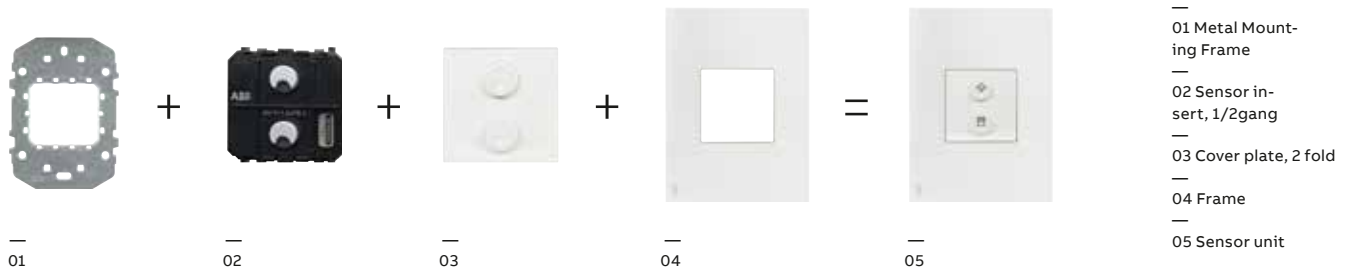
- 01 Sensor insert
- 02 Rocker, 1gang
- 03 Cover frame, 1/1gang
- 04 Sensor unit

British standard



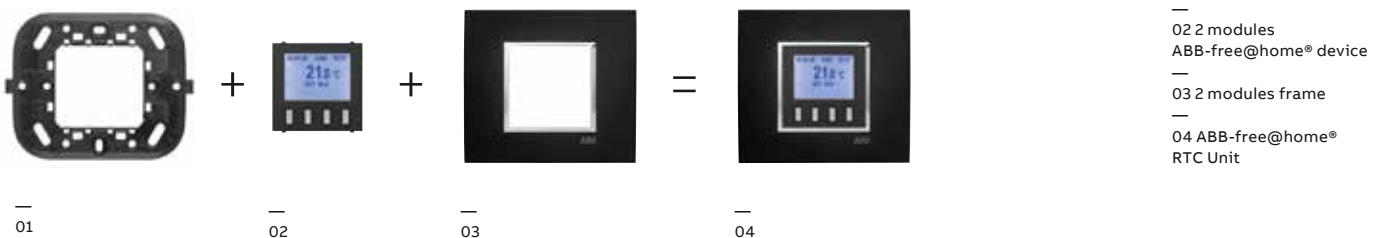
- 01 Switch actuator
- 02 Rocker, 2 fold push buttons
- 03 Frame
- 04 ABB-free@home® Switch Sensor 1/2gang KNX

NEMA



- 01 Metal Mounting Frame
- 02 Sensor insert, 1/2gang
- 03 Cover plate, 2 fold
- 04 Frame
- 05 Sensor unit

Italian standard



- 01 2 modules mounting grid
- 02 2 modules ABB-free@home® device
- 03 2 modules frame
- 04 ABB-free@home® RTC Unit



- 01 3 modules mounting grid
- 02 2 modules ABB-free@home® device
- 03 1 module ABB-free@home® device
- 04 3 modules frame
- 05 ABB-free@home® RTC and actuator unit



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