# Embrace the unknown.

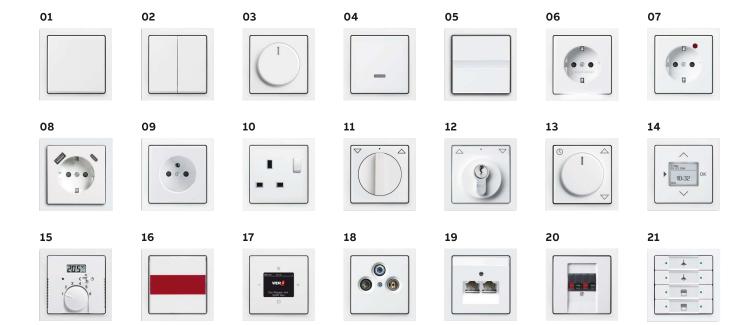
Timeless design combined with functionality, make for the perfect wiring accessory. Clear straight lines and harmonious colours which will last forever. Light switch with a soft and velvety touch fascinates the senses. Perfectly matches a modern style of living. Endless delight.



- 01 anthracite
- 02 ivory white
- 03 aluminiumsilver
- 04 studio white
- 05 black matt\*06 white matt\*
- Materials
- Cover: thermoplastic cover (PC), impact-proof and fracture-resistant, UV-resistant, free of PVC and halogen.
- \* Softtouch: stimulating colours with pleasant haptics and a hard-wearing surface.

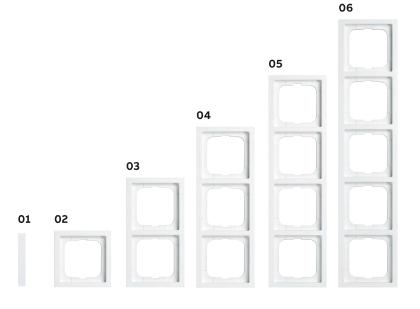
Selected functions.





- 01 Rocker switch 1gang
- 02 Rocker switch 2gang
- 03 Busch Universal Rotary Dimmer
- 04 Touch dimmer
- 05 Busch-Comfort switch
- 06 Busch-steplight®
- 07 Busch-Protector® SCHUKO® socket outlet with overvoltage protection
- 08 SCHUKO® USB socket outlet, USB A&C
- 09 Socket outlet with earthing pin
- 10 Switched socket outlet BS standard
- 11 Blind switch with rotary knob

- 12 Busch-Blind control switch with semi-cylindrical lock
- 13 Busch-Blind comfort switch
- 14 Comfort timer
- 15 Room thermostat with display
- 16 Busch-Infoline® alarm insert
- 17 Busch-Radio DAB+
- 18 Antenna socket for radio/TV/satellite
- 19 Universal data connection box
- 20 Stereo loudspeaker connecting box
- 21 KNX sensor, for more KNX products see part 12 of the catalogue Intelligent Building Solutions



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

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



Cover frames for both horizontal and vertical installation in 1-4gang, are also avaiable with labelling field. Colour: studio white



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

### 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	Туре	Order code	Pack/Qty.
	1gang 2way		
	2000/6 US-500	2CKA001012A2198	10/100
	2gang 1way		
	2000/5 US-500	2CKA001012A1150	10/100
	DP, 1gang 2way ²)		
	2000/6/2 US	2CKA001012A0954	10
	1gang		
	2000/7 US-500	2CKA001012A2199	10/100
	DP, 1gang 1way		
	2000/2 US-500	2CKA001012A2196	10/100
	SP, 1gang 1way swit	ch	
	2000/1 US-500	2CKA001012A2059	10/100

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

#### 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	Туре	Order code	Pack/Qty.	
	Switch-off and two-way circuit 16 A			
	2400/6 US-500	2CKA001012A2232	10/100	
	2gang switch 16 A			
	2400/5 US-500	2CKA001012A2234	10	
	1gang intermediate 16 A			
	2400/7 US-500	2CKA001012A2236	10	

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

### Rocker Switch Mechanism 1) 2gang 2way



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.
	2000/6/6US-101-50	<b>00</b> 2CKA001011A0928	10/100

<sup>&</sup>lt;sup>1)</sup> Only in conjunction with 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	Туре	Order code	Pack/Qty.
	2400/6/6US-10	<b>01-500</b> 2CKA001022A0663	10

<sup>&</sup>lt;sup>1)</sup> Only in conjunction with 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	10/100

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

#### Rocker Switch Mechanism 1) 2) 3-pole, 1gang 1way switch



Rated voltage: 400 V~ Rated current: 16 AX Suitable for: LEDi / CFLi Rated power: 200 W Protection class (Device): IP 20

IEC 60669-1

Colour	Туре	Order code	Pack/Qty.
	2000/3 US	2CKA001011A0816	10

 $<sup>^{</sup> exttt{1}\! exttt{O}}$  Only in conjunction with 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 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	Туре	Order code	Pack/Qty.
	1gang 2way ²)		
	2000/6 USGL-500	2CKA001012A2194	10/100
	2gang 1way		
	2000/5 USGL	2CKA001012A1135	10

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

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

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

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

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

### Rocker switches / push switches

#### Rocker Switch Mechanism, control <sup>1</sup>) 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	Туре	Order code	Pack/Qty.
	2400/5 USK-500	2CKA001012A2238	10

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

#### 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	Туре	Order code	Pack/Qty.	
	1gang 2way with N-terminal			
	2000/6 USK-500	2CKA001022A0659	10/100	
	DP, 1gang 1way			
	2000/2 UK	2CKA001022A0656	10	

<sup>1)</sup> With 1 mA neon Jamp

# 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	Туре	Order code	Pack/Qty.
	2400/6 USK-500	2CKA001022A0661	10

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

## Push-switch mechanism <sup>1</sup>) 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	Туре	Order code	Pack/Qty.
	2020 US-500	2CK 0001/13/057/	10/100

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

## Push-switch mechanism <sup>1</sup>) SP, with normally open contact (operating current)



With 2 independent signalling contacts.

Rated voltage: 250 V~

Inputs: 1 Outputs: 1

Rated current: 10 A

Protection class (Device): IP 20

IEC 60669-1

Colour	Туре	Order code	Pack/Qty.
	2020 US-201	2CKA001413A0483	10

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

#### Push-switch mechanism <sup>1</sup>) <sup>2</sup>) <sup>3</sup>) 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	Туре	Order code	Pack/Qty.
	2020 USGL-500	2CKA001413A1106	10/100

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

#### 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	Туре	Order code	Pack/Qty.
	2020 US-205-500	2CKA001413A1105	10/100

<sup>&</sup>lt;sup>1)</sup>Only in conjunction with 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	Туре	Order code	Pack/Qty.
	2020 US-206-500	2CKA001413A1104	10/100

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

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

 $<sup>^{\</sup>mbox{\tiny 3)}}$  Illuminable by using lamps 8360, 8362, 8363, 8365, 8366, and 8367 and LED inserts.

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

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

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

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

## Rocker switches / push switches

#### Rocker



For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1786-81-500	2CKA001751A3079	10/100
ivory white	1786-82-500	2CKA001751A3083	10/100
aluminium silver ¹)	1786-83-500	2CKA001751A3075	10/100
studio white	1786-84-500	2CKA001751A3074	10/100
studio white, matt ¹)	1786-884-500	2CKA001751A3089	10/100
black matt 1)	1786-885-500	2CKA001751A3094	10/100
red RAL 3020	1786-12-82	2CKA001751A3145	10/100

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

#### **Rocker Series switch**



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

Colour	Type	Order code	Pack/Qty.
anthracite	1785-81	2CKA001751A2930	10
ivory white	1785-82	2CKA001751A2744	10/100
aluminium silver ¹)	1785-83	2CKA001751A2942	10/100
aluminium silver ¹)	1785-83-500	2CKA001751A3092	10/100
studio white	1785-84-500	2CKA001751A3076	10/100
studio white, matt ¹)	1785-884	2CKA001751A3024	10/100
black matt 1)	1785-885	2CKA001751A3038	10/100

<sup>&</sup>lt;sup>1)</sup>Surface painted.

#### Docko



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

Colour	Type	Order code	Pack/Qty.
anthracite	1785 K-81-500	2CKA001751A3122	10
ivory white	1785 K-82-500	2CKA001751A3124	10
aluminium silver ¹)	1785 K-83-500	2CKA001751A3126	10
studio white	1785 K-84-500	2CKA001751A3128	10
studio white, matt ¹)	1785 K-884-500	2CKA001751A3135	10
black matt 1)	1785 K-885-500	2CK A001751 A3137	10

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

### Rocker with small red spherical cap



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

Colour	Type	Order code	Pack/Qty.
anthracite	1789-81	2CKA001751A2928	10
ivory white	1789-82	2CKA001751A2813	10
aluminium silver ¹)	1789-83	2CKA001751A2945	10/100
studio white	1789-84-500	2CKA001751A3091	10/100
studio white, matt ¹)	1789-884	2CKA001751A3033	10
black matt 1)	1789-885	2CKA001751A3047	10

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

### Rocker with small transparent lens



As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1789 N-81	2CKA001751A3147	10/100
ivory white	1789 N-82	2CKA001751A3148	10/100
aluminium silver ¹)	1789 N-83	2CKA001751A3149	10/100
studio white	1789 N-84-500	2CKA001751A3151	10/100
studio white, matt ¹)	1789 N-884	2CKA001751A3153	10/100
black matt 1)	1789 N-885	2CKA001751A3154	10/100

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

# Switch rocker with marking with small transparent lens



With >Plug < icon.
As cover for flush-mounted switch 1g1w DP and 3pole with neon lens and marking "I O"

As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.

Colour	Туре	Order code	Pack/Qty.
anthracite	1789 ST-81	2CKA001751A3157	10/100
ivory white	1789 ST-82	2CKA001751A3158	10/100
aluminium silver ¹)	1789 ST-83	2CKA001751A3159	10/100
studio white	1789 ST-84-500	2CKA001751A3161	10/100
studio white, matt ¹)	1789 ST-884	2CKA001751A3163	10/100
black matt 1)	1789 ST-885	2CKA001751A3164	10/100

<sup>&</sup>lt;sup>1)</sup> Surface painted.

## Rocker switches / push switches

### Switch rocker with marking

With >Light< icon.

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	2520 LI-81	2CKA001751A3186	10/100
ivory white	2520 LI-82	2CKA001751A3187	10/100
aluminium silver ¹)	2520 LI-83	2CKA001751A3188	10/100
studio white	2520 LI-84-500	2CKA001751A3190	10/100
studio white, matt ¹)	2520 LI-884	2CKA001751A3192	10/100
black matt 1)	2520 LI-885	2CKA001751A3193	10/100

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

### Switch rocker with marking



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

Colour	Туре	Order code	Pack/Qty.
anthracite	2520 TR-81	2CKA001751A3196	10/100
ivory white	2520 TR-82	2CKA001751A3197	10/100
aluminium silver ¹)	2520 TR-83	2CKA001751A3198	10/100
studio white	2520 TR-84	2CKA001751A3199	10/100
studio white, matt ¹)	2520 TR-884	2CKA001751A3201	10/100
black matt 1)	2520 TR-885	2CKA001751A3202	10/100

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

### Switch rocker with marking



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

Colour	Туре	Order code	Pack/Qty.
anthracite	2520 KI-81	2CKA001751A3176	10/100
ivory white	2520 KI-82	2CKA001751A3177	10/100
aluminium silver ¹)	2520 KI-83	2CKA001751A3178	10/100
studio white	2520 KI-84-500	2CKA001751A3180	10/100
studio white, matt ¹)	2520 KI-884	2CKA001751A3182	10/100
black matt 1)	2520 KI-885	2CKA001751A3183	10/100

<sup>&</sup>lt;sup>1)</sup> Surface painted.

### Switch rocker with marking with small transparent lens



With >Light< icon.

As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control  $% \left( \frac{1}{2}\right) =\left( \frac{1}{2}\right) \left( \frac{1}{2}\right)$ switch 1gang 2way. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1789 LI-81	2CKA001751A2931	10
ivory white	1789 LI-82	2CKA001751A2745	10
aluminium silver ¹)	1789 LI-83	2CKA001751A2951	10
studio white	1789 LI-84-500	2CKA001751A3084	10/100
studio white, matt ¹)	1789 LI-884	2CKA001751A3031	10
black matt 1)	1789 LI-885	2CKA001751A3045	10

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

### Switch rocker with marking with small transparent lens



With >Key< icon.

For flush-mounted push switch. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1789 TR-81	2CKA001751A2933	10
ivory white	1789 TR-82	2CKA001751A2747	10
aluminium silver ¹)	1789 TR-83	2CKA001751A2953	10
studio white	1789 TR-84	2CKA001751A2755	10
studio white, matt ¹)	1789 TR-884	2CKA001751A3032	10
black matt 1)	1789 TR-885	2CKA001751A3046	10

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

### Switch rocker with marking with small transparent lens



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

- 1	_		
Colour	Type	Order code	Pack/Qty.
anthracite	1789 KI-81	2CKA001751A2932	10
ivory white	1789 KI-82	2CKA001751A2746	10
aluminium silver ¹)	1789 KI-83	2CKA001751A2952	10
studio white	1789 KI-84	2CKA001751A2754	10
studio white, matt ¹)	1789 KI-884	2CKA001751A3030	10
black matt 1)	1789 KI-885	2CKA001751A3044	10

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

### Rocker switches / push switches

### Rocker 1) 2) with labelling field



With >Bell< icon.

With pilot lamp for uniform illumination of the labelling field.

For flush-mounted push switch. Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1764 NLI/KI-81	2CKA001731A3998	10/100
ivory white	1764 NLI/KI-82	2CKA001731A3999	10/100
aluminium silver ³)	1764 NLI/KI-83	2CKA001731A4000	10/100
studio white	1764 NLI/KI-84-500	2CKA001731A4002	10/100
studio white, matt ³)	1764 NLI/KI-884	2CKA001731A4004	10/100
black matt ³)	1764 NLI/KI-885	2CKA001731A4005	10/100

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

#### Rocker 1) 2) with labelling field



With pilot lamp for uniform illumination of the labelling field.

For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.

Size of labelling field: 59.7 x 11.7 mm. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1764 NLI-81	2CKA001731A1552	10
ivory white	1764 NLI-82	2CKA001731A1876	10
aluminium silver ³)	1764 NLI-83	2CKA001731A1948	10
studio white	1764 NLI-84	2CKA001731A1877	10/100
studio white, matt ³)	1764 NLI-884	2CKA001731A1985	10
black matt <sup>3</sup> )	1764 NLI-885	2CKA001731A1982	10
red RAL 3020	1764 NLI-12-82-101	2CKA001731A4011	10
Green, RAL 6032	1764 NLI-13-82	2CKA001731A4007	10/100

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

# Switch rocker with marking with small red spherical cap



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

Colour	Туре	Order code	Pack/Qty.
anthracite	1788-81	2CKA001751A2927	10
ivory white	1788-82	2CKA001751A2742	10
aluminium silver ¹)	1788-83	2CKA001751A2954	10
studio white	1788-84	2CKA001751A2750	10/100
studio white, matt ¹)	1788-884	2CKA001751A3028	10
black matt 1)	1788-885	2CKA001751A30//2	10

# Switch rocker with marking with small red spherical cap



With >Heating< imprint.

As cover for flush-mounted 1gang 1way, 1gang 2way switch, intermediate switch, push-button and control switch 1gang 2way.

As cover for 2-pole or 3-pole flush-mounted on-off switch and 2-pole control on-off switch.

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1789 H-81	2CKA001751A2929	10
ivory white	1789 H-82	2CKA001751A2743	10
aluminium silver ¹)	1789 H-83	2CKA001751A2955	10
studio white	1789 H-84	2CKA001751A2751	10
studio white, matt ¹)	1789 H-884	2CKA001751A3029	10
black matt 1)	1789 H-885	2CKA001751A3043	10

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

#### CoverPlates (partly incl. Insert) Hotel application



Rocker el. push-switch.

Colour	Туре	Order code	Pack/Qty.
anthracite	2570-10-81	2CKA001751A3261	10
ivory white	2570-10-82	2CKA001751A3263	10
aluminium silver ¹)	2570-10-83	2CKA001751A3259	10
studio white	2570-10-84	2CKA001751A3258	10
studio white, matt ¹)	2570-10-884	2CKA001751A3260	10
black matt 1)	2570-10-885	2CKA001751A3262	10

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

### CoverPlates (partly incl. Insert) Hotel application



Rocker 2g el. push-switch.

Colour	Туре	Order code	Pack/Qty.
anthracite	2570-20-81	2CKA001751A3272	10
ivory white	2570-20-82	2CKA001751A3274	10
aluminium silver ¹)	2570-20-83	2CKA001751A3270	10
studio white	2570-20-84	2CKA001751A3269	10
studio white, matt ¹)	2570-20-884	2CKA001751A3271	10
black matt 1)	2570-20-885	2CKA001751A3273	10

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

<sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts

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

<sup>&</sup>lt;sup>2)</sup> Illumination using neon lamp 8353 or incandescent lamp 8344-1 and LED inserts.

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

## Rocker switches / push switches

### CoverPlates (partly incl. Insert) Hotel application



Rocker 3g el. push-switch.

Colour	Туре	Order code	Pack/Qty.
anthracite	2570-30-81	2CKA001751A3283	10
ivory white	2570-30-82	2CKA001751A3285	10
aluminium silver ¹)	2570-30-83	2CKA001751A3281	10
studio white	2570-30-84	2CKA001751A3280	10
studio white, matt ¹)	2570-30-884	2CKA001751A3282	10
black matt 1)	2570-30-885	2CKA001751A3284	10

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

# Flush Mounted Inserts Flush-mounted installation boxes and inserts Black



El. push-switch insert.

Colour	Type	Order code	Pack/Qty.
	2051 U	2CKA001413A1115	10

### Flush Mounted Inserts Black



El. push-switch insert 2g.

Colour	Type	Order code	Pack/Qty.
	2052 U	2CKA001413A1116	10

### Flush Mounted Inserts Black



El. push-switch ins. 3g.

2053 U	2CKA001413A1117	10

### Cover plate



For card switch. For insert 2025 U.

Suitable for cards sized 54 x 86 mm.

The inner part of the cover plate is made of light-conducting plastic, so that the card slot is illuminated.

Protection	class	(Device): I	P 20

Colour	Type	Order code	Pack/Qty.
anthracite	1792-81	2CKA001710A3639	10
ivory white	1792-82	2CKA001710A3640	10
aluminium silver ¹)	1792-83	2CKA001710A3670	10
studio white	1720-84	2CKA001731A1916	10
studio white, matt ¹)	1792-884	2CKA001710A3928	10
black matt 1)	1792-885	2CKA001710A3905	10

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

# Card switch 10 A $^{1}$ ) SP, with normally open contact (operating current)



Illuminable. With N terminal. Rated voltage: 250 V~ Rated current: 10 A Suitable for: LEDi / CFLi Rated power: 100 W

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

Colour	Туре	Order code	Pack/Qty.
	2025 U	2CKA001012A1713	10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
delivery form:	Adapter plate APBS to be ordered separate.		

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

### CoverPlates (partly incl. Insert) Hotel application



C-plate, card switch RFID.

Colour	Туре	Order code	Pack/Qty.
anthracite	1792 RFID-81	2CKA001710A4130	10
ivory white	1792 RFID-82	2CKA001710A4132	10
aluminium silver ¹)	1792 RFID-83	2CKA001710A4128	10
studio white	1792 RFID-84	2CKA001710A4127	10
studio white, matt ¹)	1792 RFID-884	2CKA001710A4129	10
black matt 1)	1792 RFID-885	2CKA001710A4131	10

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

### Rocker switches / push switches

## Flush Mounted Inserts Flush-mounted installation boxes and inserts Black



Card switch insert RFID.

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

#### Switch rocker with marking



For flush-mounted switch 1g1w, 1g2w, intermediate, push switch.
DO NOT DISTURB
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	1786/11-81	2CKA001751A3207	10
ivory white	1786/11-82	2CKA001751A2997	10
aluminium silver ¹)	1786/11-83	2CKA001751A3001	10
studio white	1786/11-84	2CKA001751A2998	10
studio white, matt ¹)	1786/11-884	2CKA001751A3026	10
black matt ¹)	1786/11-885	2CKA001751A3040	10

<sup>&</sup>lt;sup>1)</sup>Surface painted.

### Switch rocker with marking



For flush-mounted switch 2g 1w, 2g push switch. DO NOT DISTURB MAKE UP ROOM Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1785/11-81	2CKA001751A3205	10
ivory white	1785/11-82	2CKA001751A2991	10
aluminium silver ¹)	1785/11-83	2CKA001751A2995	10
studio white	1785/11-84	2CKA001751A2992	10
studio white, matt ¹)	1785/11-884	2CKA001751A3023	10
black matt 1)	1785/11-885	2CKA001751A3037	10

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

### Switch rocker with marking



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

Colour	Туре	Order code	Pack/Qty.
anthracite	1785/11 K-81	2CKA001751A3212	10
ivory white	1785/11 K-82	2CKA001751A3214	10
aluminium silver ¹)	1785/11 K-83	2CKA001751A3210	10
studio white	1785/11 K-84	2CKA001751A3209	10
studio white, matt ¹)	1785/11 K-884	2CKA001751A3211	10
black matt 1)	1785/11 K-885	2CKA001751A3213	10

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

### CoverPlates (partly incl. Insert) Hotel application



Rocker DND/MUR electronic.

Colour	Туре	Order code	Pack/Qty.
studio white	2058-24-84	2CKA001751A3220	10
aluminium silver ¹)	2058-24-83	2CKA001751A3221	10
studio white, matt ¹)	2058-24-884	2CKA001751A3222	10
anthracite	2058-24-81	2CKA001751A3223	10
black matt ¹)	2058-24-885	2CKA001751A3224	10
ivory white	2058-24-82	2CKA001751A3225	10

<sup>1)</sup> 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 2

Protection class (Device): IP 20 IEC 60669-1

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

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

### Rocker switches / push switches

#### 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	Туре	Order code	Pack/Qty.
	2028/12 UK	2CKA001012A2241	10/100

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

#### Flush Mounted Inserts



El. push-switch DND/MUR.

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

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

#### Bell push-switch DND/MUR 230 V 1)



With LED.
Rated voltage: 250 V~
Rated current: 10 A

Protection class (Device): IP 20

IEC 60669-1

Colour	Туре	Order code	Pack/Qty.
anthracite	2029 UC-81	2CKA001751A3167	1
ivory white	2029 UC-82	2CKA001751A3168	1
aluminium silver ²)	2029 UC-83	2CKA001751A3169	1
studio white	2029 UC-84	2CKA001751A3170	1
studio white, matt ²)	2029 UC-884	2CKA001751A3172	1
black matt ²)	2029 UC-885	2CKA001751A3173	1

 $<sup>^{\</sup>scriptscriptstyle 1)}$  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 24 V 1)



With LED. Rated voltage: 24 V Rated current: 6 A

Protection class (Device): IP 20

IEC 60669-1

Colour	Туре	Order code	Pack/Qty.
anthracite	2029/12 UC-81		1
ivory	2029/12 UC-82	2CKA001751A3236	1
aluminium silver ²)	2029/12 UC-83	2CKA001751A3232	1
studio white	2029/12 UC-84	2CKA001751A3231	1
studio white, matt ²)	2029/12 UC-884	2CKA001751A3233	1
black matt ²)	2029/12 UC-885	2CKA001751A3235	1

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

### CoverPlates (partly incl. Insert) Hotel application



Bell push-switch DND/MUR.

Colour	Type	Order code	Pack/Qty.
studio white	2059 UC-84	2CKA001751A3240	1
aluminium silver ¹)	2059 UC-83	2CKA001751A3241	1
studio white, matt ¹)	2059 UC-884	2CKA001751A3242	1
anthracite	2059 UC-81	2CKA001751A3243	1
black matt 1)	2059 UC-885	2CKA001751A3244	1
ivory white	2059 UC-82	2CKA001751A3245	1

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

# Pull switch $^{1}$ ) SP, with normally open contact (operating current)



With 2-metre pull cord, red handle, and red neon indicator.

Rated voltage: 250 V~ Rated current: 10 A

Colour	Туре	Order code	Pack/Qty.
	2020/01 US-101	2CKA001413A1112	10

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

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

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

## Rocker switches / push switches

### Pull switch 1) SP, break contact



With 2-metre pull cord, red handle, and red neon indicator.

Rated voltage: 250 V~ Rated current: 10 A

Colour	Туре	Order code	Pack/Qty.
	2020/10 US-101	2CKA001413A1111	10

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

# Cover plate 1) for pull switch 2610/6 UC-xx, 2610/6 UJ-xx



With screw-type terminal Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1796-81	2CKA001753A0308	10
ivory white	1796-82	2CKA001753A0309	10
aluminium silver ²)	1796-83	2CKA001753A0310	10
studio white	1796-84	2CKA001753A0311	10
studio white, matt ²)	1796-884	2CKA001753A0313	10
black matt ²)	1796-885	2CKA001753A0314	10

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

### Rocker open for red pull switch neon indicator



For pull switch 2020/xx US. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1720-81	2CKA001731A1914	10
ivory white	1720-82	2CKA001731A1915	10
aluminium silver ¹)	1720-83	2CKA001731A1949	10
studio white	1720-84	2CKA001731A1916	10
studio white, matt ¹)	1720-884	2CKA001731A1979	10
black matt 1)	1720-885	2CKA001731A1981	10

<sup>1)</sup> 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

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

### 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	Туре	Order code	Pack/Qty.
	2710/1 U	2CKA001101A0919	1/10

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

### Cover plate with rotary control, with marking



As cover for flush mounted three-step rotary switch. With zero position. For insert 2710 U.

Colour	Type	Order code	Pack/Qty.
anthracite	2542 DR/01-81	2CKA001710A3644	10
ivory white	2542 DR/01-82	2CKA001710A3645	10
aluminium silver ¹)	2542 DR/01-83	2CKA001710A3671	10
studio white	2542 DR/01-84	2CKA001710A3646	10
studio white, matt ¹)	2542 DR/01-884	2CKA001710A3890	10
black matt 1)	2542 DR/01-885	2CKA001710A3913	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

<sup>&</sup>lt;sup>2)</sup>Surface painted.

 $<sup>^{\</sup>mbox{\tiny 2)}}$  Not to be mounted in SM box 1701-xxx, 1702-xxx, 1703-xxx.

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

### Rocker switches / push switches

#### Cover plate with rotary control, with marking



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

Colour	Туре	Order code	Pack/Qty.
anthracite	2542 DR/02-81	2CKA001710A3649	10
ivory white	2542 DR/02-82	2CKA001710A3650	10
aluminium silver ¹)	2542 DR/02-83	2CKA001710A3672	10
studio white	2542 DR/02-84	2CKA001710A3651	10
studio white, matt ¹)	2542 DR/02-884	2CKA001710A3891	10
black matt 1)	2542 DR/02-885	2CKA001710A3914	10

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

#### Comprising Friends of Hue smart switch insert



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

Colour	Туре	Order code	Pack/Qty.
studio white	6716 UJ-84-500	2CKA006710A0011	1
black matt 1)	6716 UJ-885-500	2CKA006710A0018	1

<sup>&</sup>lt;sup>1)</sup>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	Туре	Order code	Pack/Qty.
	6716 U-500	2CKA006710A0014	1

### Bluetooth Low Energy (BLE) smart switch complete set. Wall transmitter, 2/4 channels





Consisting of BLE smart switch insert 6716 UBT, 2gang rocker 6736 FoH-8xx for smart switches, 1gang future® linear cover frame, fixing plate and intermediate ring. Smarter light switch for wireless remote control of BLE radio devices. Compatible with Bluetooth ecosystems of following companies: aruba, Casambi, enlighted, 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.
- 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	Туре	Order code	Pack/Qty.
studio white	6716/01 UJ-84-500	2CKA006730A0156	1
black matt ¹)	6716/01 UJ-885-500	2CKA006730A0157	1

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

#### Bluetooth Low Energy (BLE) smart switch semi complete set. Wall transmitter, 2/4 channels.







Consisting of BLE smart switch insert 6716 UBT, 2gang rocker 6736 FoH-8xx for smart switches, fixing plate and intermediate ring.

Smarter light switch for wireless remote control of BLE radio devices.

Compatible with Bluetooth ecosystems of following companies: aruba, Casambi, enlighted, Fulham, Helvar, Hytronik, Lumobi, Qeedji, SILVAIR, Blu2Light (Vossloh Schwabe), WISILICIA, XICATO Controls.

- For saving, calling up and dimming individual light
- 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.
- · Combinable with the Busch-Jaeger switch ranges carat®, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, future® linear and Impressivo.
- $\bullet$  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	Туре	Order code	Pack/Qty.
studio white	6716/01 UJ-84-510	2CKA006730A0158	1
black matt 1)	6716/01 UJ-885-510	2CKA006730A0159	1

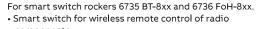
<sup>1)</sup> Surface painted.



### Rocker switches / push switches

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







- Compatible with Bluetooth ecosystems of following companies: aruba, Casambi, enlighted, 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	Туре	Order code	Pack/Qty.
BT smart switch insert (SF)	6716 UBT	2CKA006710A0015	1

## 1gang rocker for Friends of Hue and Bluetooth (Casambi)

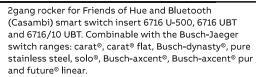


Smart switch insert 6716 U-500, 6716 UBT and 6716/10 UBT. Combinable with the Busch-Jaeger switch ranges: carat®, carat® flat, Busch-dynasty®, pure stainless steel, solo®, Busch-axcent®, Busch-axcent® pur and future® linear

Colour	Туре	Order code	Pack/Qty.
anthracite	6735 BT-81	2CKA006730A0142	1
ivory white	6735 BT-82	2CKA006730A0143	1
aluminium silver ¹)	6735 BT-83	2CKA006730A0144	1
studio white	6735 BT-84	2CKA006730A0145	1
studio white, matt ¹)	6735 BT-884	2CKA006730A0149	1
black matt 1)	6735 BT-885	2CKA006730A0150	1

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

#### Rocker



Colour	Type	Order code	Pack/Qty.
anthracite	6736 FoH-81	2CKA006730A0133	1
ivory white	6736 FoH-82	2CKA006730A0134	1
aluminium silver ¹)	6736 FoH-83	2CKA006730A0135	1
studio white	6736 FoH-84	2CKA006730A0136	1
studio white, matt ¹)	6736 FoH-884	2CKA006730A0140	1
black matt 1)	6736 FoH-885	2CKA006730A0141	1

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

### **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 operaton of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

With adjustable minimum brightness.

Without cover plate.

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

Rated frequency: 50 Hz/60 Hz

Nominal power: 2 - 100 W/VA (retrofit LED loads).

Nominal power: 10 - 250 W/VA (non-LED loads).

Protection class (Device): IP 20

Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1



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

- <sup>1)</sup> 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.
- <sup>3)</sup> In case of electronic transformers, 5 % transformer losses.
- <sup>4)</sup> Also applicable for 1gang 2way installations.
- <sup>5)</sup> Provided with terminal for net disconnection devices.
- 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.
- <sup>®)</sup> The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.
- $^{9}\mbox{A liability}$  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 operaton 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  $^{\circ}$ C to 35  $^{\circ}$ CIEC 60669-2-1, British Standard EN 60669-2-1



Colour	Туре	Order code	Pack/Qty.
	6523 UP-103-500	2CKA006512A0345	1/10

- <sup>1)</sup> 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.
- <sup>3)</sup> In case of electronic transformers, 5 % transformer losses.
- 4) Also applicable for 1gang 2way installations.
- <sup>5)</sup> 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.
- The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.
- <sup>9)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.



#### Dimmers

### 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 $\sim$ , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 700 W/VA

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

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

<sup>&</sup>lt;sup>1)</sup> Non-illuminable.

## Busch-rotary dimmer 1) Flush-mounted, DALI, tunable white



For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface.

With rotary control and ON/OFF push operation. Fool proved.

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

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

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

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF).

Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA.

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

For the generation of the DALI voltage a power supply according to IEC 62386 is required; e.g. from Tridonic, Philips, Helvar or BJE article no. 2116/11 U.

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

Without cover plate.

Protection class (Device): IP 20

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

Colour	Type	Order code	Pack/Qty.
	2116 U	2CKA006599A3025	1

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

# Busch-rotary dimmer <sup>1</sup>) Flush-mounted, DALI, with internal power supply, tunable white



For DALI broadcast service (via central telegram). With integrated DALI power adaptor. For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALI-interface. With rotary control and ON/OFF push operation. For changing the colour temperature of >tunable white< lamps, which meet DALI Standard IEC 62386-209 (Device Type 8). Colour temperature can then be set between 2,700 K -6,500 K. With electronic short-circuit protection. With electronic overload protection. Brightness power-on level and backround brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

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

DALI-voltage: 15,5 V= Rated current: max. 75 mA Power consumption: < 2,5 W Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²).

Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C

Colour	Туре	Order code	Pack/Qty.
	2116/11 U	2CKA006599A3026	1

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

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

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

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

### **Dimmers**

### Busch-rotary dimmer 1) flush mounted, DALI



For DALI broadcast service (via central telegram). For switching and dimming up to 64 DALI- devices like electronic ballasts and transformers with DALIinterface. With rotary control and ON/OFF push operation. Fool proved. Brightness power-on level and backround brightness level adjustable, buffered. With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and OFF). Up to 5 potentiometers are connectable in parallel. Max. current consumption: 15 mA. Not suitable for combining with other DALI sensors or central units of other manufacturers. An additional DALI power supply is needed, e.g. by Tridonic, Philips, Helvar or 2117/11 U. Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Without cover plate. Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C

Colour	Туре	Order code	Pack/Qty.
	2117 U-500	2CKA006599A2987	1

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

#### Busch-rotary dimmer 1) flush mounted, DALI, with internal power supply



For DALI broadcast service (via central telegram). With integrated DALI power adaptor.

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

With rotary control and ON/OFF push operation. With electronic short-circuit protection.

With electronic overload protection. Brightness power-on level and backround brightness

level adjustable, buffered.

With integrated LED illumination for orientation. Color of orientation light adjustable (18 presets and

Up to 5 potentiometers are connectable in parallel. Up to 3 potentiometers are connectable in parallel in active mode.

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

DALI-voltage: 15,5 V= Rated current: max. 75 mA Power consumption: < 2,5 W

Number of DALI-units:

37 in case of one active power-potentiometer in case of three active power-potentiometer in parallel connection: 111

Active mode: the potentiometer is supporting the necessary control circuit for other DALI-devices. Passive mode: the potentiometer is suitable as additional operation point.

Max. DALI-cable length: 300 m (1,5 - 2,5 mm²). Without cover plate.

Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20 Temperature range (Device): 0 °C to 35 °C

Colour	Туре	Order code	Pack/Qty.
	2117/11 U-500	2CKA006599A2988	1

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

### Dimmers

### Busch-rotary dimmer 1) 2) 3) LED, complete set



Consisting of Busch LED rotary dimmer 6523 U-102. Consisting of the cover plate with rotary knob 6540-84-102.

Cover frame design future® linear 1721-184K.
Protection class (Device): IP 20
Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,
British Standard EN 60669-2-1



Colour	Type	Order code	Pack/Qty.
studio white	6523 UJ-84-102	2CKA006512A0350	1

- 1) Recommendation: Please use loads and types of one producer.
- The dimmer interface is not standardised, it is the responsibility of the lamp manufacturers to list compatible products in their manufacturing information. Different installation situations can lead to different results. To clear up the problem, for example, it is recommended to carry out a local test of the selected lamps and dimmers. Please consult the lamp manufacturer for the LED dimmer recommended.
- <sup>3)</sup> A liability on the part of Busch-Jaeger for the compatibility of the allocated lamps and dimmers is therefore excluded.

### Cover plate 1) with rotary knob, with indication lamp



Elevated knob.
With transparent luminous ring.
For Busch-Dimmer®.

For inserts

2112 U-101/2247 U/2250 U/6513 U-102/6517 U-10x/6519 U/6520 U/6523 U(R)(10x) /6591 U-10x and 6592 U.

Colour	Type	Order code	Pack/Qty.
anthracite	6540-81-102	2CKA006599A2950	10
ivory white	6540-82-102	2CKA006599A2951	10/100
aluminium silver ²)	6540-83-102	2CKA006599A2952	10/100
studio white	6540-84-102-500	2CKA006599A3009	10/100
studio white, matt ²)	6540-884-102	2CKA006599A2961	10/100
black matt ²)	6540-885-102	2CKA006599A2966	10/100

- <sup>1)</sup> Replacement neon lamp, Art. No. 3855.
- 2) Surface painted.

### Control element 1) 2) 3) with neon lamp



Can be combined with LED dimmer 6524 U, and 6526 U, Busch-Universal touch-type controller 6550 U-10x, Busch-Memory touch dimmer 6560 U-101, Busch-Universal-Dimmer® 6593 U, Busch-Universal relay insert 6401 U-10x, Busch-Universal 2gang insert 6402 U.

Colour	Туре	Order code	Pack/Qty.
	Турс	Oraci coac	r ack, qcy.
anthracite	6543-81-101	2CKA006599A2881	1/10
ivory white	6543-82-101	2CKA006599A2831	1/10
aluminium silver <sup>4</sup> )	6543-83-101	2CKA006599A2887	1/10
studio white	6543-84-101-500	2CKA006599A3010	1/10
studio white, matt <sup>4</sup> )	6543-884-101	2CKA006599A2963	1/10
black matt 4)	6543-885-101	2CKA006599A2968	1/10

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

#### Cover plate for cooling element



For Busch-Universal master dimmer power module 6594 U.

For KNX room temperature controller object 6109/08.

Colour	Туре	Order code	Pack/Qty.
anthracite	6541-81	2CKA006599A2882	10
ivory white	6541-82	2CKA006599A2832	10
aluminium silver ¹)	6541-83	2CKA006599A2885	10
studio white	6541-84	2CKA006599A2835	10
studio white, matt ¹)	6541-884	2CKA006599A2962	10
black matt ¹)	6541-885	2CKA006599A2967	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

### Dimmers

### 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 operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum brightness.

With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.

Without control cover.

For control element flex, 1gang, 64711.

For control element flex, 2gang, 64721.

For control element flex, 1gang, wireless, 62711-WL.

For control element flex, 2gang, wireless, 62721-WL.

For Busch-Watchdog 180 flex sensors, wireless,

6276x-...-WL.

Rated power: 3-240 VA (LEDi).

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

Rated frequency: 50 Hz.

Inputs: 1. Outputs: 1x dimming channel.

Suitable for: 230 V LEDi, typical (leading edge control).

Rated power: 3 - 100 VA.

Suitable for: 230 V LEDi, typical (trailing edge control).

Rated power: 3 - 240 W.

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer.

Rated power: 10 - 240 VA.

Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mmIEC 60669-2-1, British Standard

EN 60669-2-1



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

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



#### CoverPlates (partly incl. Insert) Studio white

future® linear LED touch-dimmer insert with tapping control element, 2gang, wireless. Optimised for dimming of retrofit LED lamps (LEDi). Consisting of Flex touch dimmer insert, 64851 U. Consisting of rocker, 2gang left with >Dimmer< icon 6234-21-84. Consisting of future® linear cover frames, 1gang 1721-184K.

62851 UJ-84-WL-500 2CKA006200A0295

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

### Control element, 1 gang flex



Tapping control element, 1gang. Compatible with all free@home flex inserts. For 1gang rocker 6230-10x-xxx, 6231-10x-xxx, 6232-10x-xxx, 6233-10x-xxx and 6234-10x-xxx. For relay insert flex, 1gang, 64811 U. For series relay insert flex, 2gang, 64821 U. For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U.

Colour	Туре	Order code	Pack/Qty.
	64711-500	2CKA006400A0099	1

For blind insert flex, 1gang, 64831 U.

#### 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/

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 blind insert flex, 1gang, 64831 U.		
Colour	Туре	Order code	Pack/Qty.
	62711-WL-500	2CKA006200A0281	1

For extension insert flex, 64891 U.

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

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

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

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

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

### **Dimmers**

### Flex control element, 2 gang flex



Tapping control element, 2gang.
For 2gang rocker 6230-2x-xxx, 6231-2x-xxx, 6232-2x-xxx, 6233-2x-xxx and 6234-2x-xxx.
For saving and calling up 2 scenes via the right rocker.
For relay insert flex, 1gang, 64811 U.
For series relay insert flex, 2gang, 64821 U.

For e-contact insert flex, 1gang, 64814 U. For LED touch dimmer insert flex, 1gang, 64851 U.

For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.

Colour	Туре	Order code	Pack/Qty.
	64721-500	2CKA006400A0101	1

#### Flex control element, 2 gang flex



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

### Rocker 1gang, with "Dimmer" icon



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

Colour	Type	Order code	Pack/Qty.
anthracite	SRD-1-81	2CKA006220A0149	1
ivory white	SRD-1-82	2CKA006220A0520	1
aluminium silver	SRD-1-83	2CKA006220A0150	
studio white	SRD-1-84	2CKA006220A0151	1
studiowhite matt	SRD-1-884	2CKA006220A0605	1
black matt	SRD-1-885	2CKA006220A0622	1

### Movement detectors

### Rocker 2gang left, with "Dimmer" icon



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

Colour	Туре	Order code	Pack/Qty.
anthracite	SRD-2-L-81	2CKA006220A0164	1
ivory white	SRD-2-L-82	2CKA006220A0525	1
aluminium silver	SRD-2-L-83	2CKA006220A0165	1
studio white	SRD-2-L-84	2CKA006220A0166	1
studiowhite matt	SRD-2-L-884	2CKA006220A0610	1
black matt	SRD-2-L-885	2CKA006220A0627	1

### Rocker 2gang right, with "Scene" icon



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

Colour	Type	Order code	Pack/Qty.
anthracite	SRS-2-R-81	2CKA006220A0173	1
ivory white	SRS-2-R-82	2CKA006220A0528	1
aluminium silver	SRS-2-R-83	2CKA006220A0174	1
studio white	SRS-2-R-84	2CKA006220A0175	1
studiowhite matt	SRS-2-R-884	2CKA006220A0613	1
black matt	SRS-2-R-885	2CKA006220A0630	1

### **Proximity switch**



3 wire connection (neutral conductor required). Relay insert with proximity sensor.

For contactless ON/OFF switching of electric loads, e.g.



For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers. Switches when detecting an approach at < approx. 5 cm. Operation also possible via conventional push buttons (2020 US, 2021/6 UK).

Rated voltage: 230 V~, +10 % / -10 %Rated frequency: 50 Hz - 60 Hz

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V incandescent lamps, 230 V halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are operated via transformers.

Rated current: 10 AX Rated power: 2300 W/VA

Temperature range (Device): -25 °C to 55 °CBritish

Standard EN 60669-2-1



Colour	Туре	Order code	Pack/Qty.
	6406 U	2CKA006400A0034	1

### Cover plate Proximity switch



For proximity switch 6406 U.



Colour	Туре	Order code	Pack/Qty.
ivory white	6476-82	2CKA006470A0003	10
aluminium silver ¹)	6476-83	2CKA006470A0008	10
studio white, matt ¹)	6476-884	2CKA006470A0010	10
black matt 1)	6476-885	2CKA006470A0011	10

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



### ABB flexTronics inserts

### 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 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 $\sim$ , +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	Туре	Order code	Pack/Qty.
	64811 U-500	2CKA006800A3042	1/10

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

### 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 switchunit 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, potentialbound. 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	Туре	Order code	Pack/Qty.
	64821 U-500	2CKA006800A3045	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 switchunit 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  $^{\circ}$ C to 45  $^{\circ}$ C Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm

Mounting depth: 25 mm



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

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

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

### ABB flexTronics 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 operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness.

With light-level memory and minimum brightness memory.

Low-noise level by MOSFET transistors. With electronic short-circuit protection.

With electronic overload protection.
Without control cover. For control element flex, 1gang,

64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL.

For control element flex, 2gang, wireless, 62721-WL.

For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL.

Rated power: 3-240 VA (LEDi).

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

Rated frequency: 50 Hz.

Inputs: 1.

Outputs: 1x dimming channel.

Suitable for: 230 V LEDi, typical (leading edge control).

Rated power: 3 - 100 VA.

Suitable for: 230 V LEDi, typical (trailing edge control).

Rated power: 3 - 240 W.

Suitable for: 230 V incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with conventional transformers or Busch Electronic Transformer

Rated power: 10 - 240 VA.Temperature range (Device): -5

°C to 45 °C.

Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mmIEC 60669-2-1, British Standard EN 60669-2-1



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

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

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

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

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

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

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

#### 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 switchunit 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	Туре	Order code	Pack/Qty.
	64891 U-500	2CKA006800A3051	1

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



### ABB flexTronics comfort switch sensor

#### Busch-Comfort switch flex sensor 1) 2)

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 pushbutton 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

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.

ForLED 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.

Detection range: frontal: 5 m, lateral: 3 m, at mounting height: 1.1 m.

Detection angle: 170°.

Brightness limit value: 5 Lux - daytime operation Operation mounting height: 0.8 m - 1.2 m. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm x 28 mm.

Above the wall: 21 mm.

Colour	Туре	Order code	Pack/Qty.
anthracite	64765-81-500	2CKA006800A2883	1
ivory white	64765-82-500	2CKA006800A2885	1
studio white	64765-84-500	2CKA006800A2889	1
studio white, matt ³)	64765-884-500	2CKA006800A2893	1
black matt 3)	64765-885-500	2CKA006800A2895	1

<sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.

#### Busch-Comfort switch flex 1) 2) Complete set with comfort switch sensor and relay insert



Ready-to-install movement detector push-button switch combination (set packaging). Consisting of Busch-Comfort switch flex sensor, 64765-84-500. Consisting of relay insert flex, 1gang, 64811 U-500.

Consisting of future® linear cover frames, 1gang 1721-184K-500.

Control element: 2 controllers for setting the brightness switching threshold and switch-off delay.

Display elements: LED for status display. Rated voltage: 230 V~, +10 % / -10 %.

Rated frequency: 50 Hz. Power dissipation: 0,3 W. 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 Rated current: 10 A.

Suitable for: Fluorescent lamps.

Rated output: 2300 VA

Rated current: 10 AX, cos φ0.9.

Detection range: frontal: 5 m, lateral: 3 m, at mounting

height: 1.1 m. Detection angle: 170°.

Brightness limit value: 5 Lux - daytime operation Operation mounting height: 0.8 m - 1.2 m Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 85 mm x 85 mm x 46 mm

Mounting depth: 25 mm

Colour	Туре	Order code	Pack/Qty.
	64765 UJ-84-500	2CKA006800A2914	

<sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.

<sup>2)</sup> Please order the respective flush-mounted insert separately.

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

### ABB flexTronics movement detector sensors

### Busch-Watchdog 180 flex, basic sensor 1) 2) with select-lens



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

Colour	Туре	Order code	Pack/Qty.
anthracite	64761-81-500	2CKA006800A2921	1
ivory white	64761-82-500	2CKA006800A2923	1
studio white	64761-84-500	2CKA006800A2927	1
studio white, matt <sup>3</sup> )	64761-884-500	2CKA006800A2931	1
black matt <sup>3</sup> )	64761-885-500	2CKA006800A2933	1

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

### Busch-Watchdog 180 flex 1) 2) Complete set with Basic sensor multi-lens and relay insert





Ready-to-install movement detector for flush-mounted installation (set packaged). Consisting of Busch-Watchdog 180 flex, basic sensor. Consisting of relay insert flex, 1gang, 64811 U-500. Consisting of future® linear cover frames, 1gang 1721-184K-500.

Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz.Inputs: 1

Outputs: 1x Normally open contact, potential-bound

Suitable for: 230 V-LEDi, typical.

Rated power: 300 VA

Suitable for: 230 V incandescent lamps/230 V halogen

lamps.

Rated power: 2300 W.

Suitable for: Low voltage halogen lamps that are

operated via transformers. Rated power: 2300 VA.

Detection range: frontal: 12 m, lateral: 12 m, Mounting

height: 1.1 m. Detection angle: 180°.

Brightness limit value: 5 Lux - 500 Lux Up to daytime operation Mounting height: 0.8 m - 1.2 m Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 80 mm x 80 mm x 48 mm Mounting depth: 25 mm

Colour Pack/Qty. Type Order code studio white 64761 UJ-84-500 2CKA006800A2951

#### Busch-Watchdog 180 flex, comfort sensor 1) 2) with select-lens



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

Colour	Туре	Order code	Pack/Qty.
anthracite	64762-81-500	2CKA006800A2958	1
ivory white	64762-82-500	2CKA006800A2960	1
studio white	64762-84-500	2CKA006800A2964	1
studio white matt ³)	64762-884-500	2CKA006800A2968	1
black matt 3)	64762-885-500	2CKA006800A2970	1

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

#### Busch-Watchdog 180 flex 1) 2) Complete set with Comfort sensor select lens and relay insert



Ready-to-install movement detector for flush-mounted installation (set packaged). Consisting of Busch-Watchdog 180 flex comfort sensor with select lens. Consisting of relay insert flex, 1gang, 64811 U-500. Consisting of future® linear cover frames, 1gang 1721-184K-500. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz. Inputs: 1

Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V- LEDi, typical. Rated power: 300 VA. Suitable for: 230 V incandescent lamps/230 V halogen lamps. Rated power: 2300 W. Suitable for: Low voltage halogen lamps that are operated via transformers. Rated power: 2300 VA. Detection range: frontal: 12 m,

lateral: 12 m, Mounting height: 1.1 m

Detection angle: 180 °. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation.

Mounting height: 0.8 m - 1.2 m

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 80 mm x 80 mm x 48 mm Mounting depth: 25 mm

Colour	Type	Order code	Pack/Qty.
studio white	64762 UJ-84-500	2CKA006800A2988	1

<sup>1)</sup> The range specifications refer only to an ambient temperature of 21°C.

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

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

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

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

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

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

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

### ABB flexTronics movement detector sensors

## Busch-Watchdog 180 flex, comfort sensor 1) 2) with multi-lens



Movement detector sensor with with measurement of ambient light. For automatic switching of devices dependent on motion and brightness. Push switch function possible at all times. For detection down to the floor. For detection in stairwells. With 4 detection levels. In combination with dimmer insert flex: dimming function of lighting and selectable light value storage. With enabling of pre-warning of switch-off for stairwell operation. Compatible with all free@home flex inserts. Adjusting elements on rear side. Multi-lens: suitable also for mounting heights of 2.20 m. Extension of the detection range by means of master/slave combination. Additional activation/deactivation option via push-button input on the flush-mounted insert. With continuous light/ continuous Off function. With detection display in test mode. Surveillance density: 54 sectors with 224 switching segments. Switch-off delay: approx. 10 sec - 30 min or short-time pulse 1 sec adjustable. For relay insert flex, 1gang, 64811 U. For e-contact insert flex, 1gang, 64814 U. For series relay insert flex, 2gang, 64821 U. For LED touch dimmer insert flex, 1gang, 64851 U. For extension insert flex, 64891 U. Mounting height: 31 mm. Control element: 2 controllers for setting the brightness switching threshold and switch-off delay. Detection range: frontal: 8 m, lateral: 7 m, Mounting height: 1.1 m. Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m. Detection angle: 180 °. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m alternative: 2.2 m. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 63 mm x 63 mm x 45 mm

	(= // // / // // // // // // // // // //			
Colour	Туре	Order code	Pack/Qty.	
anthracite	64764-81-500	2CKA006800A2995	1	
ivory white	64764-82-500	2CKA006800A2997	1	
studio white	64764-84-500	2CKA006800A3001	1	
studio white matt ³)	64764-884-500	2CKA006800A3005	1	
black matt 3)	64764-885-500	2CKA006800A3007	1	

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

#### Busch-Watchdog 180 flex 1) 2) Complete set with Comfort sensor multi-lens and relay insert





Ready-to-install movement detector for flush-mounted installation (set packaged). Consisting of Busch-Watchdog 180 flex comfort sensor with multi-lens. Consisting of relay insert flex, 1gang, 64811 U-500. Consisting of future® linear cover frames, 1gang 1721-184K-500. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Inputs: 1 Outputs: 1x Normally open contact, potential-bound Suitable for: 230 V-LEDi, typical. Rated power: 300 VA Suitable for: 230 V incandescent lamps/230 V halogen lamps. Rated power: 2300 W. Suitable for: Low voltage halogen lamps that are operated via transformers. Rated power: 2300 VA. Detection range: frontal: 8 m. lateral: 7 m, Mounting height: 1.1 m. Detection range 2: frontal: 8 m, lateral: 8 m, Mounting height: 2.2 m Detection angle: 180 °. Brightness limit value: 5 Lux - 500 Lux Up to daytime operation. Mounting height: 0.8 m - 1.2 m alternative: 2.2 m. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 80 mm x 80 mm x 57 mm. Mounting depth: 25 mm

Colour	Туре	Order code	Pack/Qty.
studio white	64764 UJ-84-500	2CKA006800A3025	1

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

### Key Switch Insert 1) 2) 3) breaking circuit, 1-pole



For profile semi-cylindrical lock. In switched-on and switched-off status the key can be

pulled out in the central position, respectively.

Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 AX Suitable for: LEDi / CFLi Rated power: 100 W

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

Colour	Type	Order code	Pack/Qty.
	2733 USL-101	2CKA001101A0914	10
Mounting boxes:	35 mm deep flush 10 or Dual Box 3070-2/	, ,	
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		
delivery form:	Adapter plate APBS	to be ordered separate.	

 $<sup>^{10}</sup>$ For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)

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

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

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

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

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

### Movement detectors

Blind switch insert 1) 2) SP, switch



With interlock. Rated voltage: 250 V~ Rated current: 10 AX

Protection class (Device): IP 20IEC60669-1, British

Standard EN 60669-1

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

- Donly in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- <sup>2)</sup>These blind switches/push buttons safely prevent a switch-over of the running direction being carried out too quickly.

#### Blind switch insert 1) 2)



With rotary knob/switch and push switch.

Rated voltage: 250 V~ Rated current: 10 AX Suitable for: LEDi / CFLi Rated power: 100 W

Protection class (Device): IP 20

IEC 60669-1, British Standard EN 60669-1

Colour	Туре	Order code	Pack/Qty.
	DP <sup>3</sup> )		
	2712 U	2CKA001101A0534	10
	SP, N, E		
	2713 U	2CKA001101A0542	10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/35	•	
2gang product combinations:	2gang combination wonly.	ith adapter plate APBS ir	n Dual Box
neon indicator:	not applicable		
delivery form:	Adapter plate APBS to	be ordered separate.	

- <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or
- 2) Blind switches/push switches prevents fast change over between operating
- 3) Also suitable for controlling direct voltage drives.

### Blind control / timers

### Blind switch insert 1) 2)



With rotary knob/push button. Rated voltage: 250 V~

Rated current: 10 A

Protection class (Device): IP 20 IEC60669-1, British Standard EN 60669-1

Colour	Туре	Order code	Pack/Qty.
	DP <sup>3</sup> )		
	2722 U	2CKA001101A0559	10
	SP, N, E		
	2723 U	2CKA001101A0567	10
•			

- <sup>1)</sup> Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- Blind switches/push switches prevents fast change over between operating directions.
- <sup>3)</sup> Also suitable for controlling direct voltage drives.

#### Blind switch/push-switch 1) 2) 3) 4)



For profile semi-cylindrical lock/switch and push-switch.

Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 AX Suitable for: LEDi / CFLi Rated power: 100 W

Protection class (Device): IP 20

IEC60669-1, British Standard EN 60669-1

Colour	Туре	Order code	Pack/Qty.
	DP <sup>5</sup> )		
	2712 USL-101	2CKA001101A0872	10
	SP, N, E		
	2713 USL-101	2CKA001101A0880	10

- 1) For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)
- 2) Blind switches/push switches prevents fast change over between operating directions.
- 3) Use the cylindrical lock according to the enclosed drawing.
- 4) See semi-cylindrical lock
- 5) Also suitable for controlling direct voltage drives.

#### Blind switch insert 1) 2) 3) 4)



For profile semi-cylindrical lock/push-button. Delivered without cylindrical lock.

Rated voltage: 250 V~ Rated current: 10 A

Protection class (Device): IP 20

British Standard EN 60669-1, IEC60669-1

Colour	Туре	Order code	Pack/Qty.
	DP <sup>5</sup> )		
	2722 USL-101	2CKA001101A0898	10
	SP, N, E		
	2723 USL-101	2CKA001101A0906	10

- 1) For installation on British Standard wallboxes please use adapter plate APBS (6599-0-2813). (Depth of box 60 mm.)
- 2) Blind switches/push switches prevents fast change over between operating
- <sup>3)</sup> Use the cylindrical lock according to the enclosed drawing.
- <sup>4)</sup>See semi-cylindrical lock.
- 5) Also suitable for controlling direct voltage drives.

### Blind control / timers

### DIN profile-semi cylindrical lock



Acc. to German Standard DIN 18252.
Total length 40 mm
for blind switches and push switches
For inserts 2712/2713/2722/2723/2733 USL-101 and
2712/2733 SLW-5x.

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
	different lock me	chanism, with 3 keys	
	0520 PZ-VS	2CKA000470A0013	1/100
	lock mechanism,	with 3 keys	
	0521 PZ-GS	2CKA000470A0021	1/100

#### 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,  $\cos \phi 0.5$ 

Rated power: 690 VA

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

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

#### Basic blind insert 1) 2) 2-wire blind insert



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

Suitable for operation without neutral conductor.

Without an extension input. For control cover 6430-xx-xxx.

For standard timer control element 6456-101.

Running time: 3 min

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

Rated frequency: 50 Hz

Outputs: 2x Normally open contact

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

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

Colour Type Order code Pack/Qty.

	· ·		
	6418 U-500	2CKA006410A0376	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	3 3		

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

#### Busch-Blind control II switch insert 1)



Suitable for blind, roller blind and awning drives with mechanical or electronic limit switch shut-off.
With two 230 V multi-way input terminals (Up/Down) for group control. With operating mode switch for the following modes: normal, louvre, base station, position. With party function (disables the local control unit) in combination with Busch-Blind control II control cover

6430-xx-xxx, 6066-xx-xxx.

Wind alarm, cleaning functions can be accommodated via extension input. For control cover 6430-xx-xxx.

For IR control element 6066-xx-xxx.

For comfort timer control element 6455-101-500.

Running time: 3 min

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

Rated frequency: 50 Hz

Outputs: 2x Normally open contact Rated current: 3 A, cos  $\phi$  0.5 Rated power: 690 VA

Control/Signal outputs: 2

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

Colour	Туре	Order code	Pack/Qty.
	6411 U-500-101	2CKA006410A0378	1/10

 $<sup>^{1)}</sup>$  Compatible with types 6411 U/x.

### Blind comfort timer, complete set





Consisting of Busch-Blind control II insert 6411 U-101. Consisting of the comfort timer control element 6455-101.



Colour	Туре	Order code	Pack/Qty.
studio white	6411 UJ-84-101	2CKA006410A0408	1

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

### Blind control / timers

### Blind compact timer, complete set







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

Without extension unit input.

Consisting of blind compact timer 6422 U. Consisting of the future® linear cover plate for timer control element 6435-84.

Consisting of future® linear cover frames, 1gang 1721-184K. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 2x Normally open contact

Rated current: 3 A,  $\cos \phi$  0.5. Rated power: 690 VA

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

Colour	Type	Order code	Pack/Qty.
	6422 UJ-84	2CKA006410A0413	1

#### **Brightness sensor**



For insert 6411U/S-101. With 2 m connecting cable. Measuring range: 15-50,000 lux.

Colour	Туре	Order code	Pack/Qty.
	6414-101	2CKA006410A0389	1/10

#### Sun sensor



For insert 6411U/S-101. Measuring range: 5-50,000 lux.

Colour	Type	Order code	Pack/Qty.
	6482	2CKA006410A0203	1

#### Busch-Short-time timer insert 1) countdown timer



For time-programmed switching of electrical consumers. With control cover, without cover plate. Minimum timer time: 1 second.

Maximum timer time: 9:59:59 hours. Rated voltage: 230 V~, +10 % / -10 %

Rated frequency: 50 Hz

Outputs: 1x Normally open contact

Rated current: 10 A, cos φ 1. Rated power: 2300 VA Temperature range (Device): 0 °C to 35 °CIEC 60669-2-1,

British Standard EN 60669-2-1

Colour	Type	Order code	Pack/Qty.
	6465 U-101-500	2CKA006410A0393	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
Cover frames:	1gang frame 1721 BS-2xG or Dual Box frame 1722 BSDB-2xG.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		

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

### Rocker with marking



As cover for flush-mounted blind control switch/push

For inserts 2000/4 and 2020/4 US. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	1785 JA-81	2CKA001751A2934	10
ivory white	1785 JA-82	2CKA001751A2748	10
aluminium silver ¹)	1785 JA-83	2CKA001751A2944	10/100
studio white	1785 JA-84-500	2CKA001751A3088	10/100
studio white, matt ¹)	1785 JA-884	2CKA001751A3022	10
black matt 1)	1785 JA-885	2CKA001751A3036	10

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

#### Cover plate with rotary control, with marking



As cover for flush-mounted blind control switch/push

For inserts 2712 U, 2713 U and 2722 U, 2723 U. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1740-81	2CKA001710A3623	10
ivory white	1740-82	2CKA001710A3154	10
aluminium silver ¹)	1740-83	2CKA001710A3661	10
studio white	1740-84	2CKA001710A3172	10/100
studio white, matt ¹)	1740-884	2CKA001710A3872	10
black matt 1)	1740-885	2CKA001710A3894	10

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

### Cover plate 1) with labelling field



With marking.

For half-cylindrical type switches and blind control switch/push-switch.

For inserts 2733 USL-101 and 2712 USL-101, 2713 USL-101, 2722 USL-101, 2723 USL-101.

- 1	_		- 1 /
Colour	Туре	Order code	Pack/Qty.
anthracite	1755 SL/PZ-81-101	2CKA001710A3626	10
ivory white	1755 SL/PZ-82-101	2CKA001710A3157	10
aluminium silver ²)	1755 SL/PZ-83-101	2CKA001710A3662	10
studio white	1755 SL/PZ-84-101	2CKA001710A3175	10
studio white, matt ²)	1755 SL/PZ-884-101	2CKA001710A3925	10
black matt 2)	1755 SL/PZ-885-101	2CKA001710A3902	10

Tor compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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

### Blind control / timers

#### Control element



For Busch-Blind control II insert 6411 U-101, 6411 U/S-101. For basic blind insert 6418 U. For Busch-Universal 2gang 1way insert 6402 U.

Colour	Туре	Order code	Pack/Qty.
anthracite	6430-81-102	2CKA006430A0326	1/10
ivory white	6430-82-102	2CKA006430A0327	1/10
aluminium silver ¹)	6430-83-102	2CKA006430A0328	1/10
studio white	6430-84-102-500	2CKA006430A0400	1/10
studio white, matt ¹)	6430-884-102	2CKA006430A0385	1/10
black matt ¹)	6430-885-102	2CKA006430A0386	1/10

<sup>1)</sup> 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	Туре	Order code	Pack/Qty.
	6456-101	2CKA006410A0398	1/10

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

#### 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.

#### Time switch mechanism 16 A $^{1}$ ) $^{2}$ ) DP, break contact for staircases, exterior lighting, fans, etc.



Running time: 15 min. For time-programmed switching of electrical consumers. Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird. Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist. Rated voltage: 230 V~, +10 % / -10 %. Rated current: 16 A, cos ф 0.25 Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	1070 11	2CK 400104340025	1/10

<sup>1)</sup> For screw-fixing only

#### Time switch mechanism 16 A $^{1}$ ) $^{2}$ ) DP, break contact for staircases, exterior lighting, fans, etc.



Running time: 120 min For time-programmed switching of electrical consumers. Schaltkontakte (2-polig) schließen, wenn die Laufzeit eingestellt und gestartet wird. Schaltkontakte (2-polig) öffnen, wenn die eingestellte Zeit abgelaufen ist. Rated voltage: 230 V~, +10 % / -10 %. Rated current: 16 A, cos ф 0.25 Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
	1071 U	2CKA001043A0124	1

<sup>1)</sup> For screw-fixing only

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

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

### Blind control / timers

#### Cover plate



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

Colour	Type	Order code	Pack/Qty.
anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
aluminium silver ¹)	6435-83	2CKA006430A0305	10
studio white	6435-84	2CKA006430A0306	10
studio white, matt ¹)	6435-884	2CKA006430A0388	10
black matt 1)	6435-885	2CKA006430A0389	10

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

#### Cover plate with rotary knob, with marking



For Busch-Timer insert 1070 U. Running time: 15 min Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1770-81-103	2CKA001753A0255	10
ivory white	1770-82-103	2CKA001753A0256	10
aluminium silver ¹)	1770-83-103	2CKA001753A0257	10
studio white	1770-84-103	2CKA001753A0258	10
studio white matt ²)	1770-884-103	2CKA001753A0260	10
black matt 1)	1770-885-103	2CKA001753A0261	10

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

#### Cover plate with rotary knob, with marking



For Busch-Timer insert 1071 U. Running time: 120 min Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	1771-81-103	2CKA001753A0265	10
ivory white	1771-82-103	2CKA001753A0266	10
aluminium silver ¹)	1771-83-103	2CKA001753A0267	10
studio white	1771-84-103	2CKA001753A0301	10
studio white matt ¹)	1771-884-103	2CKA001753A0303	10
black matt 1)	1771-885-103	2CKA001753A0304	10

<sup>1)</sup> Surface painted

#### Blind flex, Set, WL





Blind insert with tapping control element, 2gang, wireless. For the manual and automatic control of roller blinds, blinds, awnings. Timer with Astro function. For saving and calling up scenes and groups via the right rocker. Remote operation via the Bluetooth and smartphone/tablet app. Consisting of flex blind insert, 64831 U-500. Consisting of control element flex, 2gang, wireless, 62721-WL-500. Consisting of rocker, 2gang left with >Blind< icon 6232-20-84-500. Consisting of rockers, 2gang right with >Scene< icon 6233-22-84-500. Cover frame design future® linear 1721-184K. Control element: Switch contacts top/bottom. Display elements: LED (switch-off function / brightness adjustable) for status display. Rated voltage: 230 V~, +10 % / -10 %. Rated frequency: 50 Hz. Temperature range (device): -5 °C - 45 °C. Storage temperature range: -20 °C - 70 °C. Dimensions: (L x W x D): 71 mm x 71 mm x 30 mm. Mounting depth: 25 mm. Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete).

Colour	Type	Order code	Pack/Qty.
	62731/UJ-84-WL-500	2CKA006200A0285	1

### 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

### Extension insert flex



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.

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

### Control element, 1 gang flex



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

Colour	Type	Order code	Pack/Qty.
	64711-500	2CKA006400A0099	1

<sup>2)</sup> Surface lacquered in aluminium.

### Blind control / timers

### 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, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.

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

### Control element, 2 gang flex



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

Colour	Туре	Order code	Pack/Qty.
	64721-500	2CKA006400A0101	1

#### 2 gang (not 1 gang)



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, 64851 U. For extension insert flex, 64891 U. For blind insert flex, 1gang, 64831 U.

Colour	Туре	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



### Rocker 1gang, with "Blind" icon



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

Colour	Туре	Order code	Pack/Qty.
antracite	SRB-1-81	2CKA006220A0143	1
ivory white	SRB-1-82	2CKA006220A0518	1
aluminium silver	SRB-1-83	2CKA006220A0144	1
studio white	SRB-1-84	2CKA006220A0145	1
studiowhite matt	SRB-1-884	2CKA006220A0603	1
black matt	SRB-1-885	2CKA006220A0620	1

#### Rocker 2gang left/right, "Blind" icon



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

Colour	Туре	Order code	Pack/Qty.
anthracite	SRB-2-81	2CKA006220A0158	1
ivory white	SRB-2-82	2CKA006220A0523	1
aluminium silver	SRB-2-83	2CKA006220A0159	1
studio white	SRB-2-84	2CKA006220A0160	1
studiowhite matt	SRB-2-884	2CKA006220A0608	1
black matt	SRB-2-885	2CKA006220A0625	1

### Rocker 2gang right, with "Scene" icon



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

Colour	Туре	Order code	Pack/Qty.
COIOGI	Турс	Order code	r uck/ qcy.
anthracite	SRS-2-R-81	2CKA006220A0173	1
ivory white	SRS-2-R-82	2CKA006220A0528	1
aluminium silver	SRS-2-R-83	2CKA006220A0174	1
studio white	SRS-2-R-84	2CKA006220A0175	1
studiowhite matt	SRS-2-R-884	2CKA006220A0613	1
black matt	SRS-2-R-885	2CKA006220A0630	

### Socket outlets

#### SCHUKO® socket outlet



With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUC-81-500	2CKA002011A6215	10/100
ivory white	20 EUC-82-500	2CKA002011A6214	10/100
aluminium silver ¹)	20 EUC-83-500	2CKA002011A6213	10/100
studio white	20 EUC-84-500	2CKA002011A6207	10/100
studio white, matt	20 EUC-884-500	2CKA002011A6208	10
black matt 1)	20 EUC-885-500	2CKA002011A6211	10/100

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

### SCHUKO® socket outlet ¹) shuttered



With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUCKS-81	2CKA002013A5265	10
ivory white	20 EUCKS-82-500	2CKA002013A5376	10/100
aluminium silver ²)	20 EUCKS-83-500	2CKA002013A5375	10/100
studio white	20 EUCKS-84-500	2CKA002013A5372	10/100
studio white, matt	20 EUCKS-884-500	2CKA002013A5373	10/100
black matt ²)	20 EUCKS-885	2CKA002013A5333	10/100

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

#### SCHUKO® socket outlet without claw ¹) shuttered



Without claws. With screwless terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	20 EUCRB-81	2CKA002013A5437	10/100
ivory white	20 EUCRB-82	2CKA002013A5438	10/100
aluminium silver ²)	20 EUCRB-83	2CKA002013A5439	10/100
studio white	20 EUCRB-84-500	2CKA002013A5441	10/100
studio white, matt ²)	20 EUCRB-884	2CKA002013A5443	10

2CKA002013A5444

10/100

20 EUCRB-885

black matt 2)

### SCHUKO® socket outlet 1) 2) shuttered



With screw-type terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	2300 EUCB-81	2CKA002013A5448	10
ivory white	2300 EUCB-82	2CKA002013A5449	10/100
aluminium silver ³)	2300 EUCB-83	2CKA002013A5450	10/100
studio white	2300 EUCB-84	2CKA002013A5451	10/100
studio white, matt ³)	2300 EUCB-884	2CKA002013A5453	10/100
black matt ³)	2300 EUCB-885	2CKA002013A5454	10/100

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

### SCHUKO® socket outlet 1) 2) shuttered



With screw-type terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	23 EUCB-81	2CKA002013A5474	10
ivory white	23 EUCB-82	2CKA002013A5475	10
aluminium silver ³)	23 EUCB-83	2CKA002013A5476	10
studio white	23 EUCB-84	2CKA002013A5477	10/100
studio white, matt ³)	23 EUCB-884	2CKA002013A5479	10
black matt <sup>3</sup> )	23 EUCB-885	2CKA002013A5480	10

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

### SCHUKO® socket outlet shuttered



DP (2 P + E) With screwless terminals. Rated voltage: 250 V~ Rated current: 16 A

Colour	Type	Order code	Pack/Qty.
red RAL 3020	20 EUCKS-12-82-101	2CKA002013A5464	10

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

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

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

<sup>2)</sup> With screw-type terminals

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

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

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

### Socket outlets

### SCHUKO® USB socket outlet, 2gang 1) 2) 3) 4) shuttered



For connecting electric loads.

DP (2 P + E)

With screwless terminals.

For supply and support of mobile devices via USB-cable. With 1x USB type A and 1x USB type C outputs.

Simultaneous charging via USB connection and use of the SCHUKO® socket outlet.

Support of loading protocol on the USB-A connection: Apple MFI with 2.4 A and BC 1.2 with 1.5 A.

Support of loading protocol on the USB-C connection: USB-PD till 3 A, Apple MFI till 2.4 A and BC 1.2 with 1.5 A.

With electronic short-circuit protection. With electronic overload protection.

Rated voltage: 230 V AC Rated frequency: 50 Hz / 60 Hz Power dissipation: < 75 mW Rated current: 16 A

Outputs: 2x USB charging interface

Output voltage: 5 V DC Rated power: 15 W

Suitable for: In case one output is used:

USB-A port: Max. current 2.4 A. USB-C port: Max. current 3 A\*

\*3 A requires approved charging cables. Protection class (Device): IP 20, SELV

Temperature range (Device):  $5 \, ^{\circ}$ C to  $35 \, ^{\circ}$ C Dimensions: (L x W x D):  $71 \, \text{mm} \times 71 \, \text{mm} \times 58 \, \text{mm}$ 

Mounting depth: 39.5 mm

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUCB2USBAC-81-500	2CKA002011A6301	1/10
ivory white	20 EUCB2USBAC-82-500	2CKA002011A6303	1/10
aluminium silver <sup>5</sup> )	20 EUCB2USBAC-83-500	2CKA002011A6305	1/10
studio white	20 EUCB2USBAC-84-500	2CKA002011A6307	1/10
studio white matt <sup>5</sup> )	20 EUCB2USBAC-884-500	2CKA002011A6311	1/10
black matt 5)	20 EUCB2USBAC-885-500	2CKA002011A6313	1/10

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

### Busch-Socket outlet 1) shuttered



With screwless terminals. DP (2 P + E) With eject mechanism. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUCBDR-81	2CKA002013A5415	10
ivory white	20 EUCBDR-82	2CKA002013A5416	10
aluminium silver ²)	20 EUCBDR-83	2CKA002013A5417	10
studio white	20 EUCBDR-84	2CKA002013A5418	10
studio white, matt ²)	20 EUCBDR-884	2CKA002013A5420	10
black matt ²)	20 EUCBDR-885	2CKA002013A5421	10

I) Increased shock protection .

## SCHUKO® socket outlet steplight® 1) With night orientation light



With separate connection cables for switch contact.

With LED. Shuttered. DP (2 P + E) Rated voltage: 250 V~

Rated current: 16 A
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	20 EUCBLI-81	2CKA002013A5459	1
ivory white	20 EUCBLI-82	2CKA002013A5292	1
aluminium silver ²)	20 EUCBLI-83	2CKA002013A5293	1
studio white	20 EUCBLI-84	2CKA002013A5294	1
studio white, matt ²)	20 EUCBLI-884	2CKA002013A5326	1
black matt <sup>2</sup> )	20 EUCBLI-885	2CKA002013A5331	1

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

### SCHUKO® socket outlet ¹) with labelling field



DP (2 P + E) Size of labelling field:  $60 \times 9 \text{ mm}$ .

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	20 EUN-81	2CKA002011A3802	10
ivory white	20 EUN-82	2CKA002011A3726	10
aluminium silver ²)	20 EUN-83	2CKA002011A3810	10
studio white	20 EUN-84-500	2CKA002011A6209	10/100
studio white, matt ²)	20 EUN-884	2CKA002011A3881	10
black matt ²)	20 EUN-885	2CKA002011A3884	10

 $<sup>^{1)}</sup>$  For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.

## SCHUKO® socket outlet 1) 2) with label field, increased shock protection



Size of labelling field: 60 x 9 mm. With screwless terminals. DP (2 P + E). Shuttered. Rated voltage: 250 V~

Rated voltage: 250 V~ Rated current: 16 A

Colour	Type	Order code	Pack/Qty.
anthracite	20 EUCNB-81	2CKA002013A5427	10
ivory white	20 EUCNB-82	2CKA002013A5428	10
aluminium silver ³)	20 EUCNB-83	2CKA002013A5429	10/100
studio white	20 EUCNB-84-500	2CKA002013A5431	10/100
studio white, matt ³)	20 EUCNB-884	2CKA002013A5433	10/100
black matt ³)	20 EUCNB-885	2CKA002013A5434	10/100
red RAL 3020	20 EUCNB-12-82	2CKA002013A5423	10

 $<sup>^{3}</sup>$  For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.

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

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

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

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

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

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

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

<sup>2)</sup> Increased shock protection .

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

### Socket outlets

### SCHUKO® socket outlet 1) with marking "EDV"



With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUCKS/DV-81	2CKA002013A5266	10
ivory white	20 EUCKS/DV-82	2CKA002013A5267	10
aluminium silver ²)	20 EUCKS/DV-83	2CKA002013A5273	10/100
studio white	20 EUCKS/DV-84	2CKA002013A5268	10
studio white, matt ²)	20 EUCKS/DV-884	2CKA002013A5327	10
black matt ²)	20 EUCKS/DV-885	2CKA002013A5332	10

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

### SCHUKO® socket outlet shuttered



With imprint >EDP<.
With screwless terminals.
DP (2 P + E)
Rated voltage: 250 V~

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
red RAL 3020	20 EUCKS/DV- 12-82-101	2CKA002013A5463	10

# Busch-Protector® SCHUKO® socket outlet ¹) with overvoltage protection



DP (2 P + E) With integrated and external signalling contact. ISN = 5 kA

Device protection for technical sensitive equipment such as computer, entertainment electronics and building management systems.

Effectively reduces overvoltage peaks occurring between the sub-distribution switch board and SCHUKO® socket outlet.

Arrestor test class: classification Type 2

Rated voltage: 250 V~ Secondary: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	2310 EUGL/VA-81-	<b>11</b> 2CKA002011A3830	1
ivory white	2310 EUGL/VA-82-	<b>11</b> 2CKA002011A3831	1
aluminium silver ²)	2310 EUGL/VA-83-	-11 2CKA002011A3832	1
studio white	2310 EUGL/VA-84	-11 2CKA002011A3833	1
studio white, matt ²)	2310EUGL/VA-884	<b>-11</b> 2CKA002011A3882	1
black matt ²)	2310EUGL/VA-885	<b>5-11</b> 2CKA002011A3885	1
red RAL 3020	2310 EUGL/ VA-12-82-101	2CKA002011A6257	1/10

 $<sup>^{\</sup>mbox{\tiny{1}}\mbox{0}}$  Connecting terminals approved in accordance with VDE 0620-1 as connectors.

### SCHUKO® socket outlet with LED control light



Shuttered.
DP (2 P + E)
With transparent lens.
LED colour green.
Rated voltage: 250 V~
Rated current: 16 A
Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUCBL-81	2CKA002013A5457	10
ivory white	20 EUCBL-82	2CKA002013A5284	10
aluminium silver ¹)	20 EUCBL-83	2CKA002013A5285	10
studio white	20 EUCBL-84	2CKA002013A5286	10
studio white, matt ¹)	20 EUCBL-884	2CKA002013A5336	10
black matt 1)	20 EUCBL-885	2CKA002013A5330	10
Green, RAL 6032	20 EUCBL-13-84-101	2CKA002013A5467	10
orange RAL 2004 ²)	20 EUCBL-14-84	2CKA002013A5288	10

<sup>1)</sup> Surface painted

#### Busch-Object socket outlet 1) shuttered



With screwless terminals. DP (2 P + E)

Incl. Cover plate with extract mechanism.

Rated voltage: 250 V~ Rated current: 16 A

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUAB-81	2CKA002013A5404	10
ivory white	20 EUAB-82	2CKA002013A5405	10
aluminium silver ²)	20 EUAB-83	2CKA002013A5406	10
studio white	20 EUAB-84	2CKA002013A5407	10
studio white, matt ²)	20 EUAB-884	2CKA002013A5409	10
black matt ²)	20 EUAB-885	2CKA002013A5410	10

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

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

<sup>&</sup>lt;sup>2)</sup> Surface painted.

 $<sup>^{\</sup>rm 2)}$  Resistant to aggressive media, e.g., ammonia, benzine, oils, greases, alcohol, and cleansing agents, in normal concentrations.

<sup>&</sup>lt;sup>2)</sup> Surface painted.

### Socket outlets

#### FI-SCHUKOMAT, SCHUKO® socket outlet (RCD) 1) 2) 3) with earth leakage circuit breaker



Shuttered. DP cut off (P,N)

Without PE monitoring.

With output terminals for connecting and protecting

downsream SCHUKO® socket outlets.

Rated fault current: 30 mA.

With fixing claws.

Rated frequency: 45-60 Hz.

Rated voltage: 230 V~

Rated current: 16 A

Protection class (Device): IP 20

Temperature range (Device): -25 °C to 40 °C

Colour	Туре	Order code	Pack/Qty.
anthracite	3120 EUCB-81	2CKA003116A0667	1/10
ivory white	3120 EUCB-82	2CKA003116A0661	1
aluminium silver <sup>4</sup> )	3120 EUCB-83	2CKA003116A0668	1/10
studio white	3120 EUCB-84	2CKA003116A0662	1
studio white, matt <sup>4</sup> )	3120 EUCB-884	2CKA003116A0670	1/10
black matt 4)	3120 EUCB-885	2CKA003116A0671	1/10

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

### Buschmat® FI - Insert 1) with earth leakage breaker with connecting conductor



Protection of downstream consumers.

Rated fault current: 30 mA.

DP cut off (P,N)

Without claw fixation.

Rated frequency: 45-60 Hz.

Rated voltage: 230 V~

Rated current: 16 A Protection class (Device): IP 20

Temperature range (Device): -25 °C to 40 °C

Colour	Type	Order code	Pack/Qty.
anthracite	3151 UC-81	2CKA003117A0009	1/10
ivory white	3151 UC-82	2CKA003117A0005	1/10
aluminium silver ²)	3151 UC-83	2CKA003117A0010	1/10
studio white	3151 UC-84	2CKA003117A0006	1/10
studio white, matt ²)	3151 UC-884	2CKA003117A0012	1/10
black matt ²)	3151 UC-885	2CKA003117A0013	1/10

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

#### SCHUKO® socket outlet with hinged lid



With screwless terminals.

DP (2 P + E)

Hinged lid notches when opened.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUK-81	2CKA002018A1486	10
ivory white	20 EUK-82	2CKA002018A1465	10
aluminium silver ¹)	20 EUK-83	2CKA002018A1487	10
studio white	20 EUK-84-500	2CKA002018A1509	10/100
studio white, matt ¹)	20 EUK-884	2CKA002018A1494	10
black matt 1)	20 EUK-885	2CKA002018A1495	10

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

### SCHUKO® socket outlet 1) with hinged lid and internal increased shock protection



Shuttered.

With screwless terminals.

DP (2 P + E)

with hinged lid

Rated voltage: 250 V~

Rated current: 16 A

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUKB-81	2CKA002018A1517	10/100
ivory white	20 EUKB-82	2CKA002018A1518	10/100
aluminium silver ²)	20 EUKB-83	2CKA002018A1519	10/100
studio white	20 EUKB-84	2CKA002018A1520	10/100
studio white, matt ²)	20 EUKB-884	2CKA002018A1522	10/100
black matt ²)	20 EUKB-885	2CKA002018A1523	10/100
anthracite 3)	20 EUKBR-81	2CKA002018A1526	10/100
ivory 3)	20 EUKBR-82	2CKA002018A1527	10/100
aluminium silver ²) ³)	20 EUKBR-83	2CKA002018A1528	10/100
studio white 3)	20 EUKBR-84	2CKA002018A1529	10/100
studio white, matt ²) ³)	20 EUKBR-884	2CKA002018A1530	10/100
black matt <sup>2</sup> ) <sup>3</sup> )	20 EUKBR-885	2CKA002018A1531	10/100

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

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

<sup>3)</sup> Increased shock protection .

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

<sup>&</sup>lt;sup>2)</sup>Surface painted.

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

<sup>3)</sup> Without claw.

### Socket outlets

### SCHUKO® socket outlet ¹) with hinged lid and lock



Shuttered.
With screwless terminals.
DP (2 P + E)
With different lock mechanism.

Delivery includes 2 keys. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUKNBSL-81	2CKA002018A1557	10
ivory white	20 EUKNBSL-82	2CKA002018A1559	10
aluminium silver ²)	20 EUKNBSL-83	2CKA002018A1561	10
studio white	20 EUKNBSL-84	2CKA002018A1563	10
studio white, matt ²)	20 EUKNBSL-884	2CKA002018A1565	10
black matt ²)	20 EUKNBSL-885	2CKA002018A1567	10

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

### SCHUKO® socket outlet 1) with hinged lid and lock



Shuttered.
With screwless terminals.
DP (2 P + E)
With evenly engaging lock.
Delivery includes 2 keys.
Rated voltage: 250 V~
Rated current: 16 A
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	20 EUKNBSL-81-101	2CKA002018A1558	10
ivory white	20 EUKNBSL-82-101	2CKA002018A1560	10
aluminium silver ²)	20 EUKNBSL-83-101	2CKA002018A1562	10
studio white	20 EUKNBSL-84-101	2CKA002018A1564	10
studio white, matt ²)	20 EUKNBSL-884-10	1 2CKA002018A1566	10
black matt ²)	20 EUKNBSL-885-101	L 2CKA002018A1568	10

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

## SCHUKO® socket outlet 1) 2) 3) with hinged lid and labelling field



Shuttered. With screwless terminals. DP (2 P + E) with hinged lid

Rated current: 16 A

Size of labelling field: 60 x 9 mm. Rated voltage: 250 V~

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUKNB-81	2CKA002018A1537	10/100
ivory white	20 EUKNB-82	2CKA002018A1538	10/100
red RAL 3020 <sup>4</sup> )	20 EUKNB-12-82	2CKA002018A1533	10/100
Green, RAL 6032 <sup>4</sup> )	20 EUKNB-13-82	2CKA002018A1534	10/100
orange RAL 2004 <sup>4</sup> )	20 EUKNB-14-82	2CKA002018A1535	10/100
aluminium silver <sup>5</sup> )	20 EUKNB-83	2CKA002018A1539	10/100
studio white	20 EUKNB-84	2CKA002018A1540	10/100
studio white, matt <sup>5</sup> )	20 EUKNB-884	2CKA002018A1541	10/100
black matt 5)	20 EUKNB-885	2CKA002018A1542	10/100

 $<sup>^{\</sup>scriptscriptstyle{1)}}$ Increased shock protection .

## SCHUKO® socket outlet $^1$ ) $^2$ ) $^3$ ) with hinged lid, labelling field and LED control light



Shuttered.
With screwless terminals.
DP (2 P + E)
with hinged lid
Size of labelling field: 60 x 9 mm.

Rated voltage: 250 V~ Rated current: 16 A

Colour	Туре	Order code	Pack/Qty.
anthracite	20 EUKNBL-81	2CKA002018A1548	10/100
ivory white	20 EUKNBL-82	2CKA002018A1549	10/100
red RAL 3020 <sup>4</sup> )	20 EUKNBL-12-82	2CKA002018A1544	10/100
Green, RAL 6032 <sup>4</sup> )	20 EUKNBL-13-82	2CKA002018A1545	10/100
orange RAL 2004 <sup>4</sup> )	20 EUKNBL-14-82	2CKA002018A1546	10/100
aluminium silver 5)	20 EUKNBL-83	2CKA002018A1550	10/100
studio white	20 EUKNBL-84	2CKA002018A1551	10/100
studio white, matt <sup>5</sup> )	20 EUKNBL-884	2CKA002018A1552	10/100
black matt 5)	20 EUKNBL-885	2CKA002018A1553	10/100

<sup>&</sup>lt;sup>1)</sup> Increased shock protection .

<sup>&</sup>lt;sup>2)</sup>Surface painted.

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

 $<sup>^{\</sup>mbox{\tiny 2)}}$  The labels are clamped under the labelling field.

<sup>&</sup>lt;sup>3)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

<sup>4)</sup> With continuous coloured marking of cover plate and base.

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

<sup>2)</sup> The labels are clamped under the labelling field.

<sup>&</sup>lt;sup>3)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

<sup>4)</sup> With continuous coloured marking of cover plate and base.

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

# Socket outlets

#### SCHUKO® socket outlet shuttered



DP (2 P + E) With screwless terminals. Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
Green, RAL 6032	20 EUCKS-13-82-101	2CKA002013A5470	10
orange RAL 2004	20 EUCKS-14-82	2CKA002013A5324	10

#### SCHUKO® socket outlet 1) with marking



Shuttered

With screwless terminals. DP (2 P + E)

With continuous coloured marking of cover plate and

base.

Rated voltage: 250 V~ Rated current: 16 A

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
Green, RAL 6032 <sup>2</sup> )	20 EUCB-13-82-102	2CKA002013A5472	10/100
orange RAL 2004 ³)	20 EUCB-14-82-10	2CKA002013A5413	10/100

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

## SCHUKO® socket outlet with marking



With screwless terminals.
DP (2 P + E)
Rated voltage: 250 V~
Rated current: 16 A
Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
Green, RAL 6032	20 EUC-13-82-101	2CKA002011A6260	10
orange RAL 2004	20 EUC-14-82	2CKA002011A3723	10

### SCHUKO® socket outlet 1) 2) with labelling field



Size of labelling field: 60 x 9 mm. With screwless terminals. DP (2 P + E) Shuttered. Rated voltage: 250 V~

Rated current: 16 A Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
Green, RAL 6032	20 EUCNB-13-82	2CKA002013A5424	10
orange RAL 2004	20 EUCNB-14-82	2CKA002013A5425	10

 $<sup>^{1)}</sup>$  For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.

#### SCHUKO® socket outlet shuttered



Without claws. With screw-type terminals. DP

Suitable for 1gang flush-mounted boxes. Rated voltage: 250 V~

Rated voltage: 250 Rated current: 16 A

Colour	Туре	Order code	Pack/Qty.
anthracite	2300 UCRKS-81-503	2CKA002113A5339	10
ivory white	2300 UCRKS-82-503	2CKA002113A0510	10
studio white	2300 UCRKS-84-503	2CKA002113A0511	10
studio white, matt ²)	2300 UCRKS-884-50	<b>3</b> 2CKA002113A5337	10
black matt ²)	2300 UCRKS-885-50	<b>3</b> 2CKA002113A5340	10

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

#### Shaver socket outlet



For installation into FM 2gang wall box 3030 and 3031.
Rated voltage: 240 V, +10 % / -10 %
Output voltage: 115 V, +10 % / -10 %
Secondary: 240 V, +10 % / -10 %
Rated frequency: 50 Hz - 60 Hz
Rated power: 20 VA

Colour	Туре	Order code	Pack/Qty.
anthracite	2332 UJBS-81	2CKA002130A0297	1
studio white	2332 UJBS-84	2CKA002130A0292	1
black matt 1)	2332 UJBS-885	2CKA002130A0295	1

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

#### Flush-mounting wall box, 2gang



For shaver socket outlet 2332 UJBS-8xx.
Protection class (Device): IP 20
Dimensions: (L x W x D): 135 mm x 75 mm x 47 mm

Colour	Type	Order code	Pack/Qty.
	3030	2CKA001741A0067	4

#### Flush-mounting cavity wall box, 2gang



For shaver socket outlet 2332 UJBS-8xx. Protection class (Device): IP 20 Dimensions: (L x W x D): 142 mm x 75 mm x 45 mm

Colour	Type	Order code	Pack/Qty.
	3031	2CKA001741A0068	4

<sup>2)</sup> With imprint "PS"

<sup>3)</sup> With imprint "CPS"

<sup>2)</sup> Increased shock protection.

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

# Socket outlets

#### 13 A Switched socket outlet



SP switched

1gang

Only for mounting in VDE flush-mounted wallboxes CFB

122 and CFBM 122. Rated voltage: 250 V~

Rated current: 13 ABS 1363: part2

Colour	Type	Order code	Pack/Qty.
anthracite	2190 EUC-81	2CKA002190A0216	10/100
studio white	2190 EUC-84	2CKA002190A0215	10/100
black matt 1)	2190 EUC-885	2CKA002190A0219	10

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

#### 2gang European/American socket outlet, 10A



2gang

With screw-type terminals.

SP switched

Without claws.

Rated voltage: 250 V~ Rated current: 10 A

Colour	Туре	Order code	Pack/Qty.
	delivery on request		
anthracite	2192-02 UC-81-500		
	delivery on request		
ivory white	2192-02 UC-82-500		
	delivery on request		
aluminium silver ¹)	2192-02 UC-83-500		
	delivery on request		
studio white	2192-02 UC-84-500		

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

## Socket outlet 1) with earth pin



With screwless terminals.

Suitable for the countries: Belgium, Poland, Czech Republic.

DP (2 P + E)

Rated voltage: 250 V~

Rated current: 16 A

Colour	Type	Order code	Pack/Qty.
	20 M-500	2CKA002017A0854	10/100

<sup>1)</sup> Insert can be used for all covers 2399 UCKS-xx.

#### Socket outlet cover frame shuttered



For socket outlet insert 20 M-500. Rated voltage: 250 V~

Colour	Type	Order code	Pack/Qty.
anthracite	2399 UCKS-81	2CKA002099A0216	10
ivory	2399 UCKS-82	2CKA002099A0211	10
aluminium silver ¹)	2399 UCKS-83	2CKA002099A0241	10/100
studio white	2399 UCKS-84	2CKA002099A0214	10
studio white, matt ¹)	2399 UCKS-884	2CKA002099A0255	10
black matt 1)	2399 UCKS-885	2CKA002099A0256	10/100

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

#### USB socket outlet earthing pin, 2gang 1) 2) 3) shuttered



For connecting electric loads.

DP (2 P + E)

With screwless terminals.

For supply and support of mobile devices via USB-cable. With 1x USB type A and 1x USB type C outputs. Simultaneous charging via USB connection and use of

the pin earth socket outlet.

Support of loading protocol on the USB-A connection:

Apple MFI with 2.4 A and BC 1.2 with 1.5 A.

Support of loading protocol on the USB-C connection: USB-PD till 3 A, Apple MFI till 2.4 A and BC 1.2 with 1.5 A.

With electronic short-circuit protection.

With electronic overload protection.

Rated voltage: 230 V AC

Rated frequency: 50~Hz / 60~Hz

Power dissipation: < 75 mW

Rated current: 16 A

Outputs: 2x USB charging interface

Output voltage: 5 V DC

Rated power: 15 W

Suitable for: In case one output is used:

USB-A port: Max. current 2.4 A.

USB-C port: Max. current 3 A\* \*3 A requires approved charging cables.

Protection class (Device): IP 20, SELV

Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 71 mm x 71 mm x 58 mm

Mounting depth: 39.5 mm

Colour	Туре	Order code	Pack/Qty.
anthracite	20 MUCB2USBAC-81-500	2CKA002017A1913	1
ivory white	20MUCB2USBAC-82-500	2CKA002017A1914	1
aluminium silver <sup>4</sup> )	20 MUCB2USBAC-82-500	2CKA002017A1915	1/10
studio white	20 MUCB2USBAC-83-500	2CKA002017A1916	1/10
studio white matt <sup>4</sup> )	20 MUCB2USBAC-84-500	2CKA002017A1918	1/10
black matt <sup>4</sup> )	20 MUCB2USBAC-885-50	<b>0</b> 2CKA002017A1919	1/10

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

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

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

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

# Socket outlets

### Chinese socket outlet, 10 A



1gang With screw-type terminals.

Without claws. According to Chinese standard: GB

2099.1 Rated voltage: 250 V~

Rated current: 10 A Rated current: 10 A

Colour	Type	Order code	Pack/Qty.
	delivery on request		
anthracite	2193 EUC/10-81-500	)	
	delivery on request		
ivory white	2193 EUC/10-82-500	)	
	delivery on request		
studio white	2193 EUC/10-84-500	)	

#### Chinese socket outlet, 16 A



1gang With screw-type terminals. Without claws. According to Chinese standard: GB 2099.1

Rated voltage: 250 V~ Rated current: 16 A

Colour	Type	Order code	Pack/Qty.
	delivery on request		
anthracite	2193 EUC/16-81-500	)	
	delivery on request		
ivory white	2196 EUC/16-82-500	)	
	delivery on request		
studio white	2193 EUC/16-84-500	)	

### Chinese and Euro American socket outlet, 10 A



1gang With screw-type terminals.

Without claws.

According to Chinese standard: GB 2099.1

Rated voltage: 250 V~ Rated current: 10 A

Colour	Туре	Order code	Pack/Qty.
	delivery on request		
anthracite	2195 EUC/10-81-50	0	
	delivery on request		
ivory white	2195 EUC/10-82-50	0	
	delivery on request		
studio white	2195 EUC/10-84-50	0	

### International socket outlet 13A 1)



1gang With screw-type terminals. Without claws. Rated voltage: 250 V~ Rated current: 13 A

Colour	Туре	Order code	Pack/Qty.
	delivery on request		
anthracite	2197 EUC-81-500		
	delivery on request		
ivory white	2197 EUC-82-500		
	delivery on request		
studio white	2197 EUC-84-500		

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

#### Euro American socket outlet with earth, 16 A



1gang With screw-type terminals. Without claws.

Rated voltage: 250 V~ Rated current: 16 A

Colour	Type	Order code	Pack/Qty.
	delivery on request		
anthracite	2196 EUC-81-500		
	delivery on request		
ivory white	2196 EUC-82-500		
	delivery on request		
studio white	2196 EUC-84-500		

#### SCHUKO® socket outlet 1) 2) shuttered



With screw-type terminals.

DP (2 P + E)

Rated voltage: 250 V~ Rated current: 16 A

Colour	Туре	Order code	Pack/Qty.
anthracite	23 EUCB-81	2CKA002013A5474	10
ivory white	23 EUCB-82	2CKA002013A5475	10
aluminium silver ³)	23 EUCB-83	2CKA002013A5476	10
studio white	23 EUCB-84	2CKA002013A5477	10/100
studio white, matt ³)	23 EUCB-884	2CKA002013A5479	10
black matt 3)	23 FUCB-885	2CKA002013A5480	10

 $<sup>^{\</sup>scriptscriptstyle (1)}$  Increased shock protection .

 $<sup>^{\</sup>mbox{\tiny 2)}}\mbox{With screw-type}$  terminal for rigid and flexible wires

 $<sup>^{\</sup>scriptscriptstyle (3)}$  Surface painted.

### Data communication

## Universal data connection unit, cat. 3 1) 1gang



With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	0213-500	2CKA000230A1549	10/100

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

# Universal data connection box with down-leading outlet 1) 2gang internally parallel connected



With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	0214	2CKA000230A0235	10/100
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	not applicable		

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

# Universal data connection box with down-leading outlet $^1$ ) 2 x outlets, 8/8-pole



With down-leading outlet.

For 8-pole plug, RJ 11/12, RJ 45, ISDN capability, Cat. 3. Design according to IEC 60 603-7-2:2007.

Screw contacts

With claw.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
	0215	2CKA000230A0243	10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		
neon indicator:	: not applicable		

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

# Data-connection box, RJ 45, cat. 6a iso, shielded <sup>1</sup>) 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

<sup>&</sup>lt;sup>1)</sup> 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.

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

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

# Data communication

# Universal data connection box 8(6)/ telephone unit 6F+N - connection box $^{1}$ ) 2 x 6-pole



With straight outlet, with screw contacts, Universal data-connection boxes: RJ 11/12, ISDN capable Cat. 3 in acc. with IEC 603-7/German Standard DIN EN 60603-7,

Telecommunication outlet (telephone unit): for 1 telephone, 1 auxiliary device or 1 data transmission unit, With claw. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
white	UAE 8(6)TAE 6 F+N	2CKA000230A0381	10/100

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

#### Satellite co-axial outlets 2 connectors/dead-end feeder



Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
	0230-101	2CKA000230A0250	10/100

# Antenna socket insert Radio/TV 2 connectors/loop through type



Broadband technology 5-2.400 MHz For DVB-T, satellite and broad-band cable systems. For analogue and digital transmission. With claw.

Minimal installation depth, class A. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
	0231-101	2CKA000230A0268	10/100

# Satellite co-axial outlets Radio/TV/SAT 3gang dead-end feeder



Broadband technology 47-2.150 MHz.
SAT connection designed as screwable F-male plug.
with remote feed via F-bush
For DVB-T and broadband-cable-systems.
For analogue and digital transmission.

Minimal installation depth, class A. Protection class (Device): IP 20

With claw.

Colour	Type	Order code	Pack/Qty.
	0232-101-500	2CKA000230A0463	10/100

#### Terminating resistor 75 Ohm

Protection class (Device): IP 20



Colour	Type	Order code	Pack/Qty.
	0239	2CKA000230A0201	10/100

#### Mounting plate 1) 2) with green insert



For 2 modular jack inserts.
For systems: CommScope (AVAYA / AT&T / Lucent Technologies), GigaSPEED, PowerSUM, 360 GS 10E bis MGS 600-BK, M1 BH-xx, MPS 100E-xx.

With R&M adapter R310694 suitable for R&M connection modules R305111, R305112, R305113 and R305114. Pitch dimensions: (WxH) approx. 16.9 x 17.9 mm. Without claws.

Protection class (Device): IP 20

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

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

#### 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

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

 $<sup>^{1)}</sup>$ Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

 $<sup>^{\</sup>scriptscriptstyle{(2)}}$  For further information, please refer on the Internet.

<sup>2)</sup> For further information, please refer on the Internet.

## Data communication

#### 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	Туре	Order code	Pack/Qty.
	1814-500	2CKA001753A9973	10/100

<sup>&</sup>lt;sup>1)</sup>Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

#### 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

<sup>&</sup>lt;sup>1)</sup>Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

#### 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

<sup>&</sup>lt;sup>1)</sup> Compatibility with other manufacturers not listed is to be checked in accordance with specified snap-in dimensions.

### 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

#### 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	Туре	Order code	Pack/Qty.
	0219-101	2CKA000230A0413	1/10

 $<sup>^{1)}</sup>$  With assembly adapters appropriate for telephone unit cover plates 2539-21x and 1766-xxx.

#### Modular-Jack insert 6-pole Cat. 3 (AMP-No. 216000-2)



For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in. 1867 built-in.

For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
	0210	2CKA000225A0078	10

### Modular-Jack insert 8-pole Cat. 3 (AMP-No. 216005-4)



For cover plate 2561-xxx, 2561-02-xxx and insert 1812, 1866 built-in, 1867 built-in.
For conductor cross-sections of 0.12 mm<sup>2</sup> (AWG 26) to 0.35 mm<sup>2</sup> (AWG 22).

Colour	Type	Order code	Pack/Qty.
	0211	2CKA000225A0086	10

<sup>2)</sup> For further information, please refer on the Internet.

<sup>2)</sup> For further information, please refer on the Internet.

<sup>2)</sup> For further information, please refer on the Internet.

# Data communication

### Built-in jack



For potential balancing jack cover plate and installation in cover plates.

For devices of 19 mm diameter. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
	0471-0-0037	2CKA000471A0037	10

## Potential balancing plug



Suitable for plug 2095 UC-212 and built-in jack 0471-0-0037 acc. to German Standard DIN 42801.
For potential balancing jack cover plate (connection up to 6 mm² crimped or soldered)
Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
	0299-0-0032	2CKA000299A0032	10

### Blank plate with metal mounting plate



Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1742-81	2CKA001710A3612	10
ivory white	1742-82	2CKA001710A3143	10
aluminium silver ¹)	1742-83	2CKA001710A3664	10
studio white	1742-84	2CKA001710A3161	10/100
studio white	1742-84-500	2CKA001710A3991	10/100
studio white, matt ¹)	1742-884	2CKA001710A3873	10/100
black matt 1)	1742-885	2CKA001710A3895	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

### Cover plate 1)



As cover for flex outlet, for cords up to 10.3 mm

With strain relief (without terminal block). Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1749-81	2CKA001710A3614	10
ivory white	1749-82	2CKA001710A3145	10
aluminium silver ²)	1749-83	2CKA001710A3665	10
studio white	1749-84	2CKA001710A3163	10/100
studio white, matt ²)	1749-884	2CKA001710A3878	10
black matt ²)	1749-885	2CKA001710A3900	10

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

#### Cover plate 1)



As cover for universal data connection boxes. Art.-No. 0213 (Cat 3/ISDN), 0216-101, 0218/11-101 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.

For WLAN access points 8186/31 and 8186/41. Brand-Rex (WAEGV 8 EKR/EK).

BTR (universal data connecting unit design and IAE design).

Telegärtner (AMJ 45, UMJ 45). With down-leading outlet.

With labelling field. Size of labelling field: 60 x 9 mm.

Colour	Туре	Order code	Pack/Qty.
anthracite	1803-81	2CKA001710A3616	10
ivory white	1803-82	2CKA001710A3147	10
aluminium silver ²)	1803-83	2CKA001710A3674	10
studio white	1803-84-500	2CKA001710A1550	10/100
studio white, matt ²)	1803-884	2CKA001710A3889	10
black matt 2)	1803-885	2CKA001710A3912	10

 $<sup>^{1)}</sup>$  For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.

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

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

## Data communication

### Cover plate 1) 2gang



As cover for universal data connection boxes. Art. No. 0214, 0215 (Cat 3), 0220/12-507, 0221/12-507, 0218, 0217 (Cat 5e/6 data technology) and comparable types of the company Rutenbeck.

Brand-Rex (WAEGV 8/8 EKR/EK).

AMP (NETCONNECT 5E).

BTR (E-DAT C6, E-DAT design, Universal data connecting unit design and IAE design).

cti (cti-wire 2.8 Cat.6).

Telegärtner (AMJ 45, UMJ 45).

With down-leading outlet.

With labelling field.

Size of labelling field: 60 x 9 mm.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	1803-02-81	2CKA001710A3615	10
ivory white	1803-02-82	2CKA001710A3146	10
aluminium silver ²)	1803-02-83	2CKA001710A3610	10/100
studio white	1803-02-84-500	2CKA001710A1551	10/100
studio white, matt ²)	1803-02-884	2CKA001710A3888	10
black matt ²)	1803-02-885	2CKA001710A3911	10

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com. 2) Surface painted.

#### Cover plate



For telephone connection unit. For USB, VGA, HDMI inserts and communication

USB power adapter insert 6475 U-500. 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.
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
aluminium silver ¹)	1766-83	2CKA001710A3659	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
studio white, matt ¹)	1766-884	2CKA001710A3926	10
black matt 1)	1766-885	2CKA001710A3903	10

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

#### Cover plate



As cover for telephone connector boxes (VDo). Can be knocked out for single or double connection. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	1745-81	2CKA001710A3624	10
ivory white	1745-82	2CKA001710A3155	10
aluminium silver ¹)	1745-83	2CKA001710A3675	10
studio white	1745-84	2CKA001710A3173	10
studio white, matt ¹)	1745-884	2CKA001710A3874	10
black matt 1)	1745-885	2CKA001710A3896	10

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

#### Cover plate 1) socket outlet



Telephone socket (TDO)

Colour	Туре	Order code	Pack/Qty.
anthracite	1762-81-506	2CKA001710A4103	10/100
ivory white	1762-82-506	2CKA001710A4104	10/100
aluminium silver ²)	1762-83-506	2CKA001710A4105	10/100
studio white	1762-84-506	2CKA001710A4106	10/100
studio white matt ²)	1762-884-506	2CKA001710A4108	10/100
black matt ²)	1762-885-506	2CKA001710A4109	10/100

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

#### Cover plate 1) 2) as cover for standard Radio/TV/SAT socket outlets



With 2 connectors Acc. to German Standard DIN 45330. Radio/TV/SAT. With M3 fixing screw. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	1743-81	2CKA001724A4252	10
ivory white	1743-82	2CKA001724A2758	10
aluminium silver ³)	1743-83	2CKA001724A4262	10
studio white	1743-84-500	2CKA001724A4332	10/100
studio white, matt ³)	1743-884	2CKA001724A4293	10/100
black matt 3)	1743-885	2CKA001724A4298	10/100

<sup>1)</sup> Third opening can be knocked out.

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

<sup>2)</sup> See inserts for satellite coaxial socket outlets.

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

# Data communication

### Cover plate



As cover for 4gang Satellite co-axial socket outlet EVU 02 F, GEVU 15 S from Hirschmann. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1743-04-81	2CKA001724A4374	10
ivory white	1743-04-82	2CKA001724A4375	10
aluminium silver ¹)	1743-04-83	2CKA001724A4376	10
studio white	1743-04-84	2CKA001724A4377	10
studio white, matt ¹)	1743-04-884	2CKA001724A4379	10
black matt 1)	1743-04-885	2CKA001724A4380	10

<sup>&</sup>lt;sup>1)</sup>Surface painted.

### Cover plate



For 1 modular jack. Suitable for Art. Nos. 0210, 0211 and 0219-101. Without claws. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	2561-81	2CKA001753A0400	10
ivory white	2561-82	2CKA001753A0401	10
aluminium silver ¹)	2561-83	2CKA001753A0402	10
studio white	2561-84	2CKA001753A0403	10
studio white, matt ¹)	2561-884	2CKA001753A0405	10
black matt 1)	2561-885	2CKA001753A0406	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

#### Cover plate



As cover for 4gang Satellite co-axial socket outlet SAT400/EAS/DC, EAS 405, 413 DAS from Ankaro. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1743/10-04-81	2CKA001724A4365	10
ivory white	1743/10-04-82	2CKA001724A4366	10
aluminium silver ¹)	1743/10-04-83	2CKA001724A4367	10
studio white	1743/10-04-84	2CKA001724A4368	10/100
studio white, matt ¹)	1743/10-04-884	2CKA001724A4370	10
black matt 1)	1743/10-04-885	2CKA001724A4371	10

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

### Cover plate



For 2 modular jack inserts. Suitable for Art. No. 0210 and 0211. Without claws. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	2561-02-81	2CKA001753A0317	10
ivory white	2561-02-82	2CKA001753A0392	10
aluminium silver ¹)	2561-02-83	2CKA001753A0393	10
studio white	2561-02-84	2CKA001753A0394	10
studio white, matt ¹)	2561-02-884	2CKA001753A0396	10
black matt 1)	2561-02-885	2CKA001753A0397	10

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

# Cover plate 1) with labelling field



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

Size of labelling field: 60 x 9 mm. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1800-81	2CKA001710A3627	10
ivory white	1800-82	2CKA001710A3158	10
aluminium silver ²)	1800-83	2CKA001710A3676	10
studio white	1800-84-500	2CKA001710A3990	10/100
studio white, matt ²)	1800-884	2CKA001710A3887	10
black matt 2)	1800-885	2CKA001710A3910	10

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

### Cover plate



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

Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1746/10-81	2CKA001710A3628	10
ivory white	1746/10-82	2CKA001710A3521	10
aluminium silver ¹)	1746/10-83	2CKA001710A3677	10
studio white	1746/10-84-500	2CKA001710A3993	10/100
studio white, matt ¹)	1746/10-884	2CKA001710A3875	10
black matt 1)	1746/10-885	2CKA001710A3897	10

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

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

# Data communication

## Intermediate ring Reflex SI/SI Linear



For fitting cover plates from the Busch-Duro 2000 $^{\circ}$  SI and Reflex SI range. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
ivory white	1747 SI-82	2CKA001710A3862	10
aluminium silver ¹)	1747 SI-83	2CKA001710A4091	10
studio white	1747 SI-84	2CKA001710A3863	10

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

### Intermediate ring Busch-balance® SI



For attaching cover plates from the Busch-balance® SI range.

Delivery without cover plate. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1747 BSI-81	2CKA001710A4093	10
ivory white	1747 BSI-82	2CKA001710A4094	10
aluminium silver ¹)	1747 BSI-83	2CKA001710A4095	10
studio white	1747 BSI-84	2CKA001710A4096	10/100
studio white, matt ¹)	1747 BSI-884	2CKA001710A4098	10
black matt 1)	1747 BSI-885	2CKA001710A4099	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

#### Cover plate



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

Rutenbeck, BTR, Telegärtner, etc. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1746-81	2CKA001710A3618	10
ivory white	1746-82	2CKA001710A3149	10
aluminium silver ¹)	1746-83	2CKA001710A3678	10
studio white	1746-84	2CKA001710A3167	10
studio white, matt ¹)	1746-884	2CKA001710A3876	10
black matt 1)	1746-885	2CKA001710A3898	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

# Intermediate ring with hinged lid 1) Busch-balance® SI



For attaching cover plates from the Busch-balance® SI

Delivery without cover plate. With sealing ring.

With hinged lid.

Protection class (Device): IP 44

Dimensions: (L x W x D): 63 mm x 63 mm x 20 mm

Colour	Type	Order code	Pack/Qty.
anthracite	2518-WD-81	2CKA001719A0217	10
ivory white	2518-WD-82	2CKA001719A0218	10
aluminium silver ²)	2518-WD-83	2CKA001719A0219	10
studio white	2518-WD-84	2CKA001719A0220	10
studio white, matt ²)	2518-WD-884	2CKA001719A0222	10
black matt ²)	2518-WD-885	2CKA001719A0223	10

<sup>1)</sup> Combinable only with covers for flush-mounted inserts

#### XLR centre plate



As cover for Neutrik plug connectors, type D series. Without claws.

Colour	Туре	Order code	Pack/Qty.
anthracite	2553-81	2CKA001724A4399	10
ivory white	2553-82	2CKA001724A4400	10
aluminium silver ¹)	2553-83	2CKA001724A4401	10
studio white	2553-84	2CKA001724A4402	10
studio white, matt ¹)	2553-884	2CKA001724A4404	10
black matt 1)	2553-885	2CKA001724A4405	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

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

# Data communication

### Equipotential socket outlet 2gang



Without claws. For connecting wires up to  $1\times6$  mm² and  $4\times2.5$  mm². IEC 60601-1:2005; DIN EN 60601 (VDE 0750-1): July 2007 Connection bolts German Standard DIN 42801.

Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
anthracite	2095 UC-81	2CKA002495A0084	10
ivory white	2095 UC-82	2CKA002495A0085	10
aluminium silver ¹)	2095 UC-83	2CKA002495A0089	10
studio white	2095 UC-84	2CKA002495A0086	10
studio white, matt ¹)	2095 UC-884	2CKA002495A0091	10
black matt 1)	2095 UC-885	2CKA002495A0092	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

### Cover plate with metal mounting plate



With screw-type terminal. Fixed with central locknut.

As cover for pilot devices with a diameter of 22.5 mm Without claws.

Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	2533-81	2CKA001724A4254	10
ivory white	2533-82	2CKA001724A4255	10
yellow	2533-82-15	2CKA001724A4382	10
aluminium silver ¹)	2533-83	2CKA001724A4261	10
studio white	2533-84	2CKA001724A4256	10
studio white, matt ¹)	2533-884	2CKA001724A4296	10
black matt 1)	2533-885	2CKA001724A4301	10

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

### Cover plate 1) with metal mounting plate



For communication devices. With labelling field 60.2 x 10.2 mm. Without claws. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1758-81	2CKA001724A4253	10
ivory white	1758-82	2CKA001724A2759	10
aluminium silver ²)	1758-83	2CKA001724A4263	10
studio white	1758-84	2CKA001724A2761	10/100
studio white, matt ²)	1758-884	2CKA001724A4307	10
black matt ²)	1758-885	2CKA001724A4299	10

 $<sup>^{1)}</sup> For compatible \ lettering \ software, \ visit \ www. BUSCH-JAEGER-labeling tool.com.$ 

### Intermediate ring



For attaching cover plates with the dimensions of  $55 \times 55$  mm.

Colour	Туре	Order code	Pack/Qty.
ivory white	1747-82	2CKA001710A3860	10
aluminium silver ¹)	1747-83	2CKA001710A4090	10
studio white	1747-84	2CKA001710A3861	10

 $<sup>^{\</sup>mbox{\tiny 1)}}$  Surface painted.

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

# Multimedia / communication adapters

#### Busch-Radio DAB+ 1)



DAB+ and RDS stereo radio alarm clock for flush-mounted installation.

With high-resolution colour display for showing additional information.

Reception frequency: 87.50 MHz - 108.00 MHz. Receive frequency (DAB+): 174 MHz – 240 MHz. With external AUX input/output, reversible.

For mono/stereo operation. 8 radio stations storable.

With time and date display.

With individual alarm and snooze function.

With automatic switch-off function (automatic sleep mode).

With extension input to remote-controlled ON/OFF switches.

With integrated antenna.

With additional connection for external antenna.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations. Control element: 4-button operation via floating rocker Display elements: ICU graphic display with 280 DPI.

Rated voltage: 230 V $\sim$ , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Control/Signal outputs: 2, Loudspeaker output,

impedance 4 Ohm

Rated power: 2 W (RMS)

Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm

Mounting depth: 32 mm

Colour	Type	Order code	Pack/Qty.
	8215 U-101-500	2CKA008200A0276	1/10

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

#### Busch-Radio DAB+, complete set 1)



Ready-to-install DAB+ radio alarm clock for mono operation (set packaged). With high-resolution colour display for showing additional information. Consisting of the Busch-Radio DAB+ 8215 U-101. Consisting of speaker insert 8223 U. Consisting of the cover plate for Busch-Radio 8252-84-101. Consisting of cover plate for speaker insert 8253-84. Consisting of 2gang future® linear cover frame 1722-184K.

Rated voltage: 230 V $\sim$ , +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 150 mm x 80 mm x 49 mm

Mounting depth: 32 mm

Colour	Туре	Order code	Pack/Qty.
studio white	8220 UJ-84-101-500	2CKA008200A0234	1

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

# Busch-Radio BTconnect DAB+ 1) with Bluetooth interface for music replay.



DAB+ and RDS stereo radio alarm clock for flushmounted installation. With high-resolution colour display for showing additional information. With Bluetooth interface for music replay of mobile devices. Connection of external Bluetooth loudspeakers possible. Reception frequency: 87.50 MHz - 108.00 MHz. Receive frequency (DAB+): 174 MHz - 240 MHz. With external AUX input/output, reversible. For mono/ stereo operation. 8 radio stations storable. With time and date display. With individual alarm and snooze function. With automatic switch-off function (automatic sleep mode). With extension input to remote-controlled ON/OFF switches. With integrated antenna. With additional connection for external antenna. Permitted speaker impedance: 4 - 8 Ohm. Can be installed as 1gang and in multiple combinations. Bluetooth specification: 4.2. Bluetooth profiles supported: A2DP. Number of stored Bluetooth connections: max. 8 Control element: 4-button operation via floating rocker Display elements: ICU graphic display with 280 DPI. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Rated power: 2 W (RMS) Protection class (Device): IP 20 Temperature range (Device): 5 °C to 40 °C Dimensions: (L x W x D): 71 mm x 71 mm x 47 mm Mounting depth: 32 mm

# Bluetooth

Colour	Туре	Order code	Pack/Qty.
	8217 U-101-500	2CKA008200A0279	1/10

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

# Busch-Radio BTconnect DAB+, complete set 1) with Bluetooth interface for music replay.



Ready-to-install DAB+ radio alarm clock for mono operation (set packaged). With high-resolution colour display for showing additional information. With Bluetooth interface for music replay of mobile devices. Connection of external Bluetooth loudspeakers possible. Consisting of the Busch-Radio BTconnect DAB+ 8217 U-101. Consisting of speaker insert 8223 U. Consisting of the cover plate for Busch-Radio 8252-84-101. Consisting of cover plate for speaker insert 8253-84. Consisting of 2gang future® linear cover frame 1722-184K.

Rated voltage: 230 V~, +10 % / -10 %
Rated frequency: 50 Hz - 60 Hz
Protection class (Device): IP 20
Temperature range (Device): 5 °C to 40 °C
Dimensions: (L x W x D): 150 mm x 80 mm x 49 mm
Mounting depth: 32 mm

Colour	Type	Order code	Pack/Qty.
studio white	8270 UJ-84-101-500	2CKA008200A0237	1

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

# Multimedia / communication adapters

### Busch-Radio iNet 1) 2) 3) 4)



WLAN Internet radio alarm clock for flush-mounted installation. For the reception of national and international radio stations via Internet. Radio station search possible via various genres. With high resolution graphic display and background illumination. With external AUX input. Integrated webserver for configuration and control. Remote operation with smartphone via browser surface. UPnP replay function. It is controlled via smartphone. For mono/ stereo operation. 8 radio stations storable. With time and date display. With alarm function. With short-time timer. With automatic switch-off function (automatic sleep mode). With extension input to remote-controlled ON/OFF switches. With integrated WLAN antenna. WLAN Standards: IEEE 802.11b / IEEE 802.11g and IEEE 802.11n (2,4 GHz).

WLAN safety: WPA / WPA2.

Permitted speaker impedance: 4 - 8 Ohm

Can be installed as 1gang and in multiple combinations.

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

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 5 °C to 40 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 49 mm

Mounting depth: 33 mm

Colour	Туре	Order code	Pack/Qty.
	8216 U-500	2CKA008200A0153	1/10

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

### Busch-Radio iNet 1) 2) complete set



Ready-to-install WLAN Internet radio alarm clock for mono operation (set packaged).

Consisting of the Busch-Radio iNet 8216 U.

Consisting of speaker insert 8223 U.

Consisting of the cover plate for the Busch-Radio iNet. Consisting of cover plate for speaker insert 8253-84. Consisting of 2gang future® linear cover frame

1722-184K.

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

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Dimensions: (L x W x D): 150 mm x 80 mm x 50 mm

Mounting depth: 33 mm

Colour	Туре	Order code	Pack/Qty.
studio white	8240-84-500	2CKA008200A0156	1

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

# Flush Mounted Inserts Flush-mounted installation boxes and inserts



Multi media connector ins.

Colour	Туре	Order code	Pack/Qty.
	8231 U	2CKA008200A0223	1/10

#### Loudspeaker insert 1) 5 cm (2")



With flat plug connector.
With broadband characteristics.
Rated output: 2 W (RMS)
Incl. speaker connection cable.
Frequency response: 200 - 20,000 Hz

Impedance: 4 Ohm

Protection class (Device): IP 20, SELV

Mounting depth: 32 mm

Colour	Type	Order code	Pack/Qty.
	8223 U-500	2CKA008200A0183	1/10

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

#### Busch-powerDock Insert 1) 2) 3) 4)



For charging and supplying mobile terminal devices. With quick charging function for devices compatible with quick-chargeTM.

Makes possible fast charging of the mobile terminal

device

Rated voltage: 100 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Suitable for: Apple terminal device

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with USB-C connection

Rated current: 2.1 A Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

Rated current: 2 A Output voltage: 9 V-

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 32 mm

Mounting depth: 32 mm

Colour	Type	Order code	Pack/Qty.
	6473 U-500	2CKA006400A0039	1/10

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

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

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

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

<sup>&</sup>lt;sup>2)</sup> To be mounted only in connection with commercially available flush-mounted installation boxes according to DIN 49073 > 40 mm depth gauge or Busch-Jaeger art. no. 3040, 3050 or 3060.

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

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

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

# Multimedia / communication adapters

# Busch-powerDock Charging cradle with Apple lightning connection <sup>1</sup>)



For Busch-powerDock insert 6473 U. For attaching mobile terminal devices with lightning connection. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7.

For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Temperature range (Device):  $5 \,^{\circ}$ C to  $35 \,^{\circ}$ C Dimensions: (L x W x D):  $54 \,^{\circ}$ mm x  $54 \,^{\circ}$ mm x  $36 \,^{\circ}$ mm

Colour	Type	Order code	Pack/Qty.
	6473-500	2CKA006400A0081	1/10

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

# Busch-powerDock complete set with lightning connector 1) 2) 3)



Complete set ready to install for charging mobile terminal devices with Apple lightning connection.

Makes possible fast charging of the mobile terminal device. For iPhone XS Max, iPhone XS, iPhone XR, iPhone X. For iPhone 8 Plus, iPhone 8. For iPhone 7 Plus, iPhone 7. For iPhone SE. For iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6. For iPhone 5s, iPhone 5c, iPhone 5. For iPod touch (6th generation), iPod touch (5th generation), iPod nano (7th generation). Suitable for use with protective covers certified by Apple. Consisting of Busch-powerDock insert 6473 U. Consisting of Busch-powerDock charging cradle with lightning connection 6473.

charging cradle. Consisting of 1gang future® linear cover frames. Rated voltage: 100 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz Suitable for: Apple terminal device Rated current: 2.1 A. Output voltage: 5 V-

Protection class (Device): IP 20, SELV Temperature range (Device): 5 °C to 35 °C Dimensions: (L x W x D): 81 mm x 81 mm x 74 mm Mounting depth: 32 mm



Colour	Type	Order code	Pack/Qty.
studio white	6480-84-500	2CKA006400A0045	1

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

Apple is not responsible for the function of this device or its conformity with safety standards and regulatory standards.

# Busch-powerDock Charging cradle with USB-C connection



For Busch-powerDock insert 6473 U.
For attaching mobile terminal devices with USB-C connection

Temperature range (Device):  $5 \,^{\circ}$ C to  $35 \,^{\circ}$ C Dimensions: (L x W x D):  $54 \, \text{mm}$  x  $54 \, \text{mm}$  x  $36 \, \text{mm}$ 

Colour	Туре	Order code	Pack/Qty.
	6473/11-500	2CKA006400A0083	1/10

# Busch-powerDock Complete set with USB-C connection 1) 2) 3) 4)



Complete set ready to install for charging mobile terminal devices with USB-C connection.

With quick charging function for devices compatible with quick-chargeTM.

Makes possible fast charging of the mobile terminal device. Consisting of Busch-powerDock insert 6473 U. Consisting of Busch-powerDock charging cradle with USB-C connection 6473/11.

Consisting of the cover plate for the Busch-powerDock charging cradle. Consisting of 1gang future® linear cover frames. Rated voltage: 100 - 230 V~, +10 % / -10 % Rated frequency: 50 Hz - 60 Hz

Suitable for: Terminal device with USB-C connection Rated current: 2.1 A. Output voltage: 5 V-

Suitable for: Terminal device with quick-charge support and USB-C connection and quick-charge TM function.

Rated current: 2 A. Output voltage: 9 V-Protection class (Device): IP 20, SELV
Temperature range (Device): 5 °C to 35 °C
Dimensions: (L x W x D): 81 mm x 81 mm x 74 mm
Mounting depth: 32 mm

Colour	Type	Order code	Pack/Qty.
studio white	6480/11-84-500	2CKA006400A0047	1

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

# USB power adapter insert, flush-mounted $^1$ ) $^2$ ) $^3$ ) With USB-A & USB-C interface



For supply and support of mobile devices via USB-cable. With USB type A and USB type C female connector. To support two devices at the same time.

Supports automatic negotiating of optimum charging parameters for the shortest charging times.
Support of loading protocol on the USB-A connection:

Apple MFI with 2.4 A and BC 1.2 with 1.5 A.

Support of the additional quick-charge protocols: USB-PD and quick-charge 3.0 & 4.0.

With electronic short-circuit protection.
With electronic overload protection.

Rated voltage: 220 - 230 V AC Rated frequency: 50 Hz - 60 Hz Outputs: 2x USB charging interface

Suitable for: Only USB-A bus occupied: Rated current: 3000 mA

Output voltage: 5 V-

Suitable for: Only USB-C bus occupied:

Rated power: 18 W

Suitable for: USB-A and USB-C bus occupied. Total:

Rated current: 3250 mA Output voltage: 5 V-

Protection class (Device): IP 20, SELV
Temperature range (Device): 0 °C to 35 °C
Dimensions: (L x W x D): 71 mm x 71 mm x 43 mm

Mounting depth: 32 mm

Colour	Type	Order code	Pack/Qty.
	6475 U-500	2CKA006400A0399	1

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

<sup>2)</sup> Not released for use with the iPad.

<sup>&</sup>quot;Made for iPod" and "Made for iPhone" means that an electronic accessory has been specially designed for connection to an iPod or iPhone and meets the respective Apple performance specifications that have been confirmed by the designer

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

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

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

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

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

# Multimedia / communication adapters

# 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 srew-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

 $<sup>^{9}\</sup>mbox{Please}$  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 srew-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	Туре	Order code	Pack/Qty.
white	0261/21-500	2CKA000230A0424	1
grey	0261/23-500	2CKA000230A0426	1
alpine white	0261/22-500	2CKA000230A0425	1

 $<sup>^{\</sup>rm D}$  Please follow the recommendations of the cable and device producers for the max. VGA cable lengths.

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



Suitable for telephone connection unit cover plates 2539-21x and 1766-xxx.

To link mobile devices like e.g. printer, scanner, USBsticks or digital cameras etc.

USB-type A, USB 2.0 compatible.

For 5-wire USB- cables via srew-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 class.

Protection class (Device): IP 20 Mounting depth: 34 mm

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

 $<sup>^{\</sup>scriptscriptstyle{1}\!\!1}\textsc{Please}$  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	Туре	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	Туре	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	Туре	Order code	Pack/Qty.
white	0263/11-500	2CKA000230A0444	1
grey	0263/13-500	2CKA000230A0446	1
alpine white	0263/12-500	2CKA000230A0445	1

# Multimedia / communication adapters

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

#### Mini-jack 3,5 mm for communication adapter



For the connection of mobile terminal devices such as MP3 player (stereo), mobile telephone and smartphones. Audio-band 20Hz - 20kHz.

With soldering tag. Protection class (Device): IP 20

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

#### 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	Туре	Order code	Pack/Qty.
white	0248/02-101	2CKA000230A0402	10/100

<sup>&</sup>lt;sup>1)</sup> 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	Туре	Order code	Pack/Qty.

<sup>&</sup>lt;sup>1)</sup> 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.

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

<sup>1)</sup> Suitable for cover telephone unit 1766-xxx and 2539-21x.

# Multimedia / communication adapters

### Cover plate



For Busch-Radio DAB+ 8215 U-101. For Busch-Radio BTconnect DAB+ 8217 U-101. For Busch-Radio iNet 8216 U.

Colour	Туре	Order code	Pack/Qty.
anthracite	8252-81-101-500	2CKA008200A0249	10
ivory white	8252-82-101-500	2CKA008200A0251	10
aluminium silver ¹)	8252-83-101-500	2CKA008200A0253	10
studio white	8252-84-101-500	2CKA008200A0255	10
studio white matt 1)	8252-884-101-500	2CKA008200A0259	10
black matt 1)	8252-885-101-500	2CKA008200A0261	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

#### Cover plate



For loudspeaker insert 8223 U.

Colour	Туре	Order code	Pack/Qty.
anthracite	8253-81	2CKA008200A0078	1/10
ivory white	8253-82	2CKA008200A0079	1/10
aluminium silver ¹)	8253-83	2CKA008200A0080	1/10
studio white	8253-84	2CKA008200A0081	1/10
studio white, matt ¹)	8253-884	2CKA008200A0123	1/10
black matt ¹)	8253-885	2CKA008200A0126	1/10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

## CoverPlates (partly incl. Insert) Hotel application



C-plate media connector.

Colour	Туре	Order code	Pack/Qty.
studio white	8256-81	2CKA008200A0227	1/10
aluminium silver ¹)	8256-82	2CKA008200A0229	1/10
studio white, matt ¹)	8256-83	2CKA008200A0225	1/10
anthracite	8256-84	2CKA008200A0224	1/10
black matt 1)	8256-884	2CKA008200A0226	1/10
ivory white	8256-885	2CKA008200A0228	1/10

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

#### Cover plate



For telephone connection unit. For USB, VGA, HDMI inserts and communication adapter.

USB power adapter insert 6475 U-500. 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.
anthracite	1766-81	2CKA001710A3613	10
ivory white	1766-82	2CKA001710A3144	10/100
aluminium silver ¹)	1766-83	2CKA001710A3659	10/100
studio white	1766-84-500	2CKA001710A3992	10/100
studio white, matt ¹)	1766-884	2CKA001710A3926	10
black matt 1)	1766-885	2CKA001710A3903	10

<sup>&</sup>lt;sup>1)</sup>Surface painted.

# Multimedia / communication adapters

## Cover plate with metal mounting plate



With fixing claws. loudspeaker inserts and cover. With soldering tag.

For covering universal data communication connectors and circular connectors with screwed plug M 16x0.75 (installable in insert) in accordance with DIN 41524, 41529, 45322, 45327, 45328 and 45329. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1751-81	2CKA001723A0253	10
ivory white	1751-82	2CKA001723A0239	10
aluminium silver ¹)	1751-83	2CKA001723A0254	10
studio white	1751-84	2CKA001723A0240	10/100
studio white, matt ¹)	1751-884	2CKA001723A0260	10
black matt 1)	1751-885	2CKA001723A0259	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

### Cover plate with rotary control, with marking



As a cover for volume controllers. Suitable for the >LR mono BJ FM< devices of WHD. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1740 DR/03-81	2CKA001710A4120	10
ivory white	1740 DR/03-82	2CKA001710A3807	10
aluminium silver ¹)	1740 DR/03-83	2CKA001710A3811	10
studio white	1740 DR/03-84	2CKA001710A3808	10
studio white, matt ¹)	1740 DR/03-884	2CKA001710A3870	10
black matt 1)	1740 DR/03-885	2CKA001710A3892	10

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

### Cover plate for Busch-powerDock



For Busch-powerDock charging cradle.

Colour	Туре	Order code	Pack/Qty.
anthracite	6477-81	2CKA006400A0056	10
ivory white	6477-82	2CKA006400A0057	10
aluminium silver ¹)	6477-83	2CKA006400A0058	10
studio white	6477-84	2CKA006400A0059	10/100
studio white matt 1)	6477-884	2CKA006400A0062	10
black matt 1)	6477-885	2CKA006400A0063	10

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



## Room thermostats

#### Room thermostat, flush-mounted 1) 2) 3)



Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN 60730-2-9, British Standard EN 60669-2-1

Colour	Type	Order code	Pack/Qty.
	1094 U-101-500	2CKA001032A0512	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/3	_	
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

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

## Room thermostat, flush-mounted 1) 2) 3) Slide switch



With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °C Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN

60730-2-9, British Standard EN 60669-2-1

Colour	Туре	Order code	Pack/Qty.
'	1095 U-500	2CKA001032A0514	1/10
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.		
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

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

#### Room thermostat, flush-mounted 1) 2) 3) Sliding switch, 24 V



With built-in slide switch and control lamp for nightly reduction of 4 K.

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~ Rated current: 1 A

Temperature range (Device): 5 °C to 30 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN

60730-2-9, British Standard EN 60669-2-1

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Colour	Туре	Order code	Pack/Qty.	
	1096 U	2CKA001032A0485	1	
Mounting boxes:	35 mm deep flush 1gang or Dual Box 3070-2/35 BSDB.			
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.			

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

### Room thermostat, flush-mounted 1) 2) 3) 1gang 2way



With fixing claws.

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

Rated voltage: 230 V~

Rated current: 5 A

Temperature range (Device): 5 °C to 30 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN

60730-2-9, British Standard EN 60669-2-1



Colour	Туре	Order code	Pack/Qty.
	1097 U-101-500	2CKA001032A0513	1/10
Mounting boxes:	35 mm deep flush 1ga or Dual Box 3070-2/3	•	
2gang product combinations:	2gang combination with adapter plate APBS in Dual Box only.		

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

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

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

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

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

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

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

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

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

## Room thermostats

#### Room thermostat, flush-mounted 1) 2) 3) Actual value indication



With actual value temperature display Automatic controller calibration

Switch contact opens when the set temperature is reached.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN

60730-2-9, British Standard EN 60669-2-1

Colour	Туре	Order code	Pack/Qty.
	1094 UTA	2CKA001032A0487	1/10

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

#### Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication



With actual value temperature display Automatic controller calibration

Switch contact opens when the set temperature is reached.

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 10 A

Temperature range (Device): 5 °C to 30 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN

60730-2-9, British Standard EN 60669-2-1

Colour	Type	Order code	Pack/Qty.
	1095 UTA	2CKA001032A0488	1/10

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

#### Room thermostat, flush-mounted 1) 2) 3) Sliding switch, actual value indication, 24 V



With actual value temperature display

Automatic controller calibration

Switch contact opens when the set temperature is reached.

With built-in slide switch and control lamp for nightly reduction of 4 K.

With fixing claws.

Separate terminal to activate nighttime mode and

reduction of room temperature by 4K.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 24 V~ Rated current: 1 A

Temperature range (Device): 5 °C to 30 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN

60730-2-9, British Standard EN 60669-2-1

Colour	Туре	Order code	Pack/Qty.
	1096 UTA	2CKA001032A0489	1/10

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

#### Room thermostat, flush-mounted 1) 2) 3) Change-over contact, actual value indication



With actual value temperature display Automatic controller calibration

With fixing claws.

Class of temperature controller 1

Contribution to space heating energy efficiency 1,0%.

Rated voltage: 230 V~ Rated current: 5 A

Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN

60730-2-9, British Standard EN 60669-2-1

Colour	Туре	Order code	Pack/Qty.
	1097 UTA	2CKA001032A0490	1/10

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



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

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

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

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

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

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

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

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

## Room thermostats

#### 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	Туре	Order code	Pack/Qty.
	1098 U-101	2CKA001032A0508	1/10

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

#### Room thermostat, flush-mounted 1) Remote sensor



With remote sensor and thermal feedback For underfloor heating.

With built-in slide switch and control lamp for nightly reduction of 4 K. Switch contact opens when the set temperature is reached. With fixing claws. Remote sensor cable length: 4 m. Sensor =NTC, 10 kiloohm at 25 degrees C. Adjusting range: +10 to +50° C. Connecting cable:  $1 \text{mm}^2$  to 2.5 mm². Separate terminal to activate nighttime mode and reduction of room temperature by 4K. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~. Rated current: 16 A,  $\cos \phi 1$  Dimensions: (L x W x D):  $71 \text{ mm} \times 71 \text{ mm} \times 52 \text{ mmEN}$  60730-2-9, British Standard EN 60669-2-1

Colour	Type	Order code	Pack/Qty.
	1095 UF	2CKA001032A0497	1/10

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

# Room thermostat, flush-mounted 1) 2) Change-over contact, setpoint indication, timer, remote sensor



With change-over contact. Easy adjustment using menu and text-based display. 4 switching times per day can be user-defined for each day of the week. With fixing claws. Automatic summer/wintertime switch-over Remote sensor cable length: 4 m. Sensor =NTC, 10 kilo-ohm at 25 degrees C. Power reserve > 10 hours. To fit cover plate 6435-xxx.

Power reserve > 10 kilo-off at 25 degrees C.

Power reserve > 10 hours. To fit cover plate 6435-xxx.

Class of temperature controller 1. Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~

Rated current: 16 A. Temperature range (Device): 10 °C to 50 °C

Dimensions: (L x W x D): 71 mm x 71 mm x 52 mmEN

60730-2-9

Colour	Туре	Order code	Pack/Qty.
	1098 UF-101	2CKA001032A0509	1/10

- <sup>1)</sup>Only in conjunction with standard flush-mounting boxes according to DIN 49073, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)
- <sup>2)</sup> Servo valves of "closed or open when de-energized" design are required for the controller. E.g. article no. 6164/10-101.

#### **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:  $\le 0,15$  W Rated current: 10 A. Temperature range (device):  $5\,^{\circ}\text{C} - 30\,^{\circ}\text{C}$  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:  $\pm$  0.5 K

Colour	Туре	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

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

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

## Room thermostats

#### Cover Plate Thermostat Turn button - 63x63



C-plate for room thermostats 1094 U-101, 1097 U-101, 1099 U-101.



Colour	Type	Order code	Pack/Qty.
anthracite	1794 R-81	2CKA001710A4198	10
ivory white	1794 R-82	2CKA001710A4199	10
aluminium silver ¹)	1794 R-83	2CKA001710A4200	10
studio white	1794 R-84	2CKA001710A4201	10
studio white, matt ¹)	1794 R-884	2CKA001710A4204	10
black matt 1)	1794 R-885	2CKA001710A4205	10

<sup>&</sup>lt;sup>1)</sup>Surface painted.

## Cover plate for room thermostat For room thermostats 1094 U, 1097 U.



Colour	Туре	Order code	Pack/Qty.
anthracite	1794-81	2CKA001710A3629	10
ivory white	1794-82	2CKA001710A3543	10
aluminium silver ¹)	1794-83	2CKA001710A3668	10
studio white	1794-84	2CKA001710A3544	10
studio white, matt ¹)	1794-884	2CKA001710A3884	10
black matt 1)	1794-885	2CKA001710A3907	10

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

### Room thermostat, flush-mounted 1) 2) 3) Heating/cooling



With separate connection (230 V~) for external switchover between heating or cooling. Switch contact opens when the set temperature is reached. With fixing claws. Nominal current: 10 A heating. Nominal current: 5 A cooling. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0%. Rated voltage: 230 V~. Temperature range (Device): 5 °C to 30 °C. Dimensions: (L x W x D): 12 mmEN 60730-2-9, British Standard EN 60669-2-1

Colour	Туре	Order code	Pack/Qty.
	1099 UHK-101-500	2CKA001032A0515	1/10

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

#### Cover plate for room thermostat



With sliding switch for nightly room temperature reduction.

to activate nighttime mode and reduction of room temperature by 4K, for thermostats 1095 U, 1096 U and 1095 UF.

Colour	Type	Order code	Pack/Qty.
anthracite	1795-81	2CKA001710A3630	10
ivory white	1795-82	2CKA001710A3568	10
aluminium silver ¹)	1795-83	2CKA001710A3669	10
studio white	1795-84	2CKA001710A3569	10
studio white, matt ¹)	1795-884	2CKA001710A3886	10
black matt 1)	1795-885	2CKA001710A3909	10

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

#### Room thermostat, flush-mounted 1) 2) 3) Heating/cooling, sliding switch



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

Colour	Туре	Order code	Pack/Qty.
	1099 UHKEA	2CKA001032A0516	1/10

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

## Cover plate for room thermostat

For room thermostats 1094 UTA, 1097 UTA.



Colour	Туре	Order code	Pack/Qty.
anthracite	1794 TA-81	2CKA001710A3695	10
ivory white	1794 TA-82	2CKA001710A3696	10
aluminium silver ¹)	1794 TA-83	2CKA001710A3697	10
studio white	1794 TA-84	2CKA001710A3698	10
studio white, matt ¹)	1794 TA-884	2CKA001710A3883	10
black matt 1)	1794 TA-885	2CKA001710A3906	10

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

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

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

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

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

# Room thermostats

### Cover plate for room thermostat



With sliding switch for nightly room temperature reduction.

For room thermostats 1095 UTA, 1096 UTA.

Colour	Туре	Order code	Pack/Qty.
anthracite	1795 TA-81	2CKA001710A3722	10
ivory white	1795 TA-82	2CKA001710A3723	10
aluminium silver ¹)	1795 TA-83	2CKA001710A3724	10
studio white	1795 TA-84	2CKA001710A3725	10
studio white, matt ¹)	1795 TA-884	2CKA001710A3885	10
black matt 1)	1795 TA-885	2CKA001710A3908	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

## Cover plate



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

Colour	Туре	Order code	Pack/Qty.
anthracite	6435-81	2CKA006430A0303	10
ivory white	6435-82	2CKA006430A0304	10
aluminium silver ¹)	6435-83	2CKA006430A0305	10
studio white	6435-84	2CKA006430A0306	10
studio white, matt ¹)	6435-884	2CKA006430A0388	10
black matt 1)	6435-885	2CKA006430A0389	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

## Cover plate for room thermostat



For room temperature controller 1099 UHK.

Colour	Type	Order code	Pack/Qty.
anthracite	1795 HK-81	2CKA001710A4013	10
ivory white	1795 HK-82	2CKA001710A4015	10
aluminium silver ¹)	1795 HK-83	2CKA001710A4016	10
studio white	1795 HK-84	2CKA001710A4017	10
studio white, matt ¹)	1795 HK-884	2CKA001710A4019	10
black matt 1)	1795 HK-885	2CKA001710A4020	10

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

#### Cover plate for room thermostat



For room temperature controller 1099 UHKEA. With sliding switch for switchover between cooling or heating.

Colour	Туре	Order code	Pack/Qty.
anthracite	1795 HKEA-81	2CKA001710A4045	10
ivory white	1795 HKEA-82	2CKA001710A4047	10
aluminium silver ¹)	1795 HKEA-83	2CKA001710A4048	10
studio white	1795 HKEA-84	2CKA001710A4049	10
studio white, matt ¹)	1795 HKEA-884	2CKA001710A4051	10
black matt 1)	1795 HKEA-885	2CKA001710A4052	10

<sup>&</sup>lt;sup>1)</sup> Surface painted.

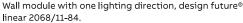
# LED light

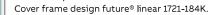
### CoverPlates (partly incl. Insert) LED light Studio white





Complete set consists flush-mounted LED insert Night light (cold white) 2067/14 U.





With one lighting direction.

Not dimmable.

For low brightness (night light).

Colour temperature 6,500 K (cold white) System power consumption: 0.15 W Rated voltage: 230 V $\sim$ , +10% / -10% Current consumption of LED: 40 mA (secondary) Secondary: SELV

Colour	Type	Order code	Pack/Qty.
	2069/11-84	2CKA001510A0015	1/10

#### Flush Mounted Inserts LED light





Consisting of LED/FM insert, power module (neutral white) 2067/12 U.

Consisting of ceiling module, one light direction 2068/21.

For ambient lightning.

Light outlet downward.

Not dimmable.

Light intensity can be switched between 100% and 25% using front service switch.

Colour temperature: 4,000 K (neutral white)

System power consumption: 5 W

Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 350 mA (secondary)

Secondary: SELV

Colour	Type	Order code	Pack/Qty.
	2069/21	2CKA001510A0018	1/10

### Flush-mounted LED insert 1) 2) Power module neutral white



For Busch-iceLight wall and ceiling module Type

High brightness, e.g. for the display of information. Colour temperature: 4,000 K (neutral white)

Not dimmable.

Light intensity can be switched between 100% and 25% using front service switch.

System power consumption: 5 W Rated voltage: 230 V~, +10% / -10%

Current consumption of LED: 350 mA (secondary)

Secondary: SELV

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 40 °C

Dimensions: (L x W x D): -32 mm x 71 mmEN 62031/VDE

0715-5 of Jan. 2009

Colour	Type	Order code	Pack/Qty.
	2067/12 U	2CKA001510A0002	1/10

 $<sup>^{9}</sup>$  Use relay inserts when switching through movement sensors or comfort switches.  $^{2}$  For switching the LED flush mounted insert use switches without orientation light only.

### Flush-mounted LED insert 1) 2) Night light warm white



For Busch-iceLight wall and ceiling module Type 2068/xx.

For low brightness (night light).

Colour temperature: 3,000 K (warm white)

Not dimmable.

System power consumption: 0.15 W Rated voltage: 230 V~, + 10% / - 10%

Current consumption of LED: 40 mA (secondary)

Secondary: SELV

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 40 °C

Dimensions: (L x W x D): -32 mmEN 62031/VDE 0715-5 of

Jan. 2009

Colour	Туре	Order code	Pack/Qty.
	2067/13 U	2CKA001510A0012	1/10

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

#### Busch-iceLight® set, night light complete set





Complete set consists flush-mounted LED insert Night light (cold white) 2067/14 U.

Wall module with one lighting direction, design future<sup>®</sup> linear 2068/11-84.

Cover frame design future® linear 1721-184K.

With one lighting direction.

Not dimmable.

For low brightness (night light).

Colour temperature 6,500 K (cold white)

System power consumption: 0.15 W Rated voltage: 230 V~, + 10% / - 10%

Current consumption of LED: 40 mA (secondary)

Secondary: SELV.

Colour	Type	Order code	Pack/Qty.
	2069/11-84	2CKA001510A0015	1/10

## Busch-iceLight® set, ceiling light complete set

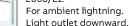




Consisting of LED/FM insert, power module (neutral white) 2067/12 U.

Consisting of ceiling module, one light direction 2068/21.





Not dimmable.

Light intensity can be switched between 100% and 25% using front service switch.

Colour temperature: 4,000 K (neutral white)

System power consumption: 5 W Rated voltage: 230 V~, + 10% / - 10%

Current consumption of LED: 350 mA (secondary)

Secondary: SELV

Colour	Type	Order code	Pack/Qty.
	2069/21	2CKA001510A0018	1/10

 $<sup>^{\</sup>mbox{\tiny 2)}}\mbox{For switching the LED flush mounted insert use switches without orientation light only.}$ 

# LED light

### Flush-mounted LED insert 1) 2) Night light cold white



For Busch-iceLight wall and ceiling module Type 2068/xx.

For low brightness (night light).

Colour temperature 6,500 K (cold white)

Not dimmable.

System power consumption: 0.15 W Rated voltage: 230 V~, + 10% / - 10%

Current consumption of LED: 40 mA (secondary)

Secondary: SELV

Rated frequency: 50 Hz - 60 Hz Protection class (Device): IP 20

Temperature range (Device): 0 °C to 40 °C

Dimensions: (L x W x D): -32 mmEN 62031/VDE 0715-5 of

Jan. 2009

Colour	Type	Order code	Pack/Qty.
	2067/14 U	2CKA001510A0013	1/10

 $<sup>^{1)}</sup>$  Use relay inserts when switching through movement sensors or comfort switches.  $^{2)}$  For switching the LED flush mounted insert use switches without orientation light only.

#### CoverPlates (partly incl. Insert) LED light



For ambient and orientation lightning. Light outlet top or bottom. For the accommodation of decorative insert types 2145-19, 2144/1x-19, 2144/2x-19, 2145/1x-19, and 2145/2x-19. Standard decorative insert 2145-19 premounted when delivered.

Colour	Type	Order code	Pack/Qty.
	2068/11-84	2CKA001510A0005	1

### CoverPlates (partly incl. Insert) LED light



For ambient, orientation lightning and Infolight. Light outlet on all four sides and front. For the accommodation of decorative inserts and pictograms, 2144/xx-19, 2145/xx-19, and 2145-19. Standard decorative insert 2145-19 premounted when delivered.

Colour	Туре	Order code	Pack/Qty.
	2068/14-84	2CKA001510A0008	1

### CoverPlates (partly incl. Insert) LED light

For ambient lightning. Light outlet downward.



Colour	Type	Order code	Pack/Qty.
	2068/21	2CKA001510A0014	1

#### Ceiling module solo/future® linear flush-type



For ambient lightning. Light outlet downward.

Flat construction type, almost flush with frame;

combinable.

Dimensions: (L x W x D): 63 mm x 63 mm x 9 mm

Colour	Туре	Order code	Pack/Qty.
	2068/22-84	2CKA001510A0017	1

#### Info light unit 1) 2)



Size of information field 43 x 43 mm.

Long service life of the lighting element (LEDs). Homogeneous backlighting of the information field.

Colour temperature 6,500 K (cold white)

Power consumption: < 0.5 W

Rated voltage: 230 V~

Rated frequency: 50 Hz - 60 Hz

Colour	Туре	Order code	Pack/Qty.
	2062 U	2CKA001511A0115	1/10

 $<sup>^{\</sup>scriptsize 1)}$  Use relay inserts when switching through movement sensors or comfort switches.

 $<sup>^{\</sup>rm 2)} \mbox{For switching the LED flush mounted insert use switches without orientation light only.}$ 

# LED light

## Cover plate 1) 2)



As cover for flush-mounted info light. For insert 2062 U. Size of information field  $43 \times 43$  mm. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	1716-81	2CKA001731A1921	1
ivory white	1716-82	2CKA001731A1922	1
aluminium silver ³)	1716-83	2CKA001731A1950	1
studio white	1716-84	2CKA001731A1923	1
studio white, matt ³)	1716-884	2CKA001731A1978	1
black matt ³)	1716-885	2CKA001731A1980	1

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

### Flush Mounted Inserts Flush-mounted installation boxes and inserts White



Without cover.

Colour	Type	Order code	Pack/Qty.
	2061 U	2CKA001511A0062	1

## Cap for indication lamp



For indication lamps. Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
clear- transparent	1565-11	2CKA001565A0167	10
Red	1565-12	2CKA001565A0175	10
green	1565-13	2CKA001565A0183	10



 $<sup>{}^{\</sup>text{2})} For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com. \\$ 

<sup>&</sup>lt;sup>3)</sup> Surface painted.

# WaveLINE inserts / control elements

#### RF remote control



Network-independent radio control.

- · For switching and dimming.
- · For controlling blinds and light scenes.
- With 3 groups (A, B or C) with 5 pairs of channels.
- There are 15 radio channels operated singly or up to 30 light scenes can be called.

Colour	Type	Order code	Pack/Qty.
	6780	2CKA006780A0002	1

#### 1-fach Aktor WaveLINE



For wireless switching of electrical loads.

- Functions via radio control: ON/OFF, timer and light scene control.
- Functions via the extension unit: ON/OFF, timer and sending a radio control telegram.
- Operation via conventional push button (2020 US/2021/6 UK) possible.

Colour	Туре	Order code	Pack/Qty.
	6701-101-500	2CKA006700A0040	1

#### 1-fach Aktor WaveLINE



For wireless switching of electrical loads.

- For functions ON/OFF, timer and lightscene control.
- For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.
- For remote control WaveLINE 6780.
- Switch-off delay: Adjustable between 10 s to 5 min.

Colour	Type	Order code	Pack/Qty.
	6702-500	2CKA006700A0023	1

### 2-fach Aktor WaveLINE



For wireless switching of electrical loads.

- For operation mode 2gang switch, 2 separate outputs
- For operation mode timer: output 1 (eg lighting), output 2: ON/Off delay in dependence of output 1 (eg fan control).
- For functions: ON/OFF and light scene control.
- For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx

Colour	Type	Order code	Pack/Qty.
	6703-500	2CKA006700A0024	1

#### Dimm Aktor WaveLINE

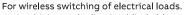


For wireless switching and dimming of electrical loads.

- For functions ON/OFF, dimming and lightscene control.
- With soft ON/OFF function.
- · With selectable light value storage.
- For wall mounted transmitter Waveline 6731-xxx, 6732-xxx und 6733-xxx.

Colour	Туре	Order code	Pack/Qty.
	6704-500	2CKA006700A0025	1

#### Serien/Jalousieaktor WaveL





- For driving and adjusting blinds/shutters and awnings over radio.
- Functions via radio control: 2gang switch, blind switch and light scene control.
- Functions via extension unit: 2gang switch, blind switch and send radio control telegram.
- Operation via conventional push button (2020 US/2021/6 UK) possible.

Colour	Туре	Order code	Pack/Qty.
	6705-101-500	2CKA006700A0042	1

#### 2-fach Binärein. WaveLINE



Radio control telegrams are sent when the two extension units are activated with mains voltage (AC 230 V~)

- Operation via conventional push button (2020 US/2021/6 UK) possible.
- The 2gang binary input has 5 function modes:
  - 1) 2-channel switching
  - 2) 2-channel dimming
  - 3) 1 channel blind
  - 4) Two-channel light scene control
  - 5) Channel 1: Switching ON
    - Channel 2: Continuous switching ON/OFF

Colour	Type	Order code	Pack/Qty.
	6725-500	2CKA006720A0008	1

## Wall-mounted transmitter WaveLINE 1) 2) 1-channel



1gang wall-mounted transmitter independent of mains power supply.

With labelling field and labelling strip.

For switching and dimming.

For controlling blinds and light scenes.

1 radio channel can be operated or up to 2 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

Compatible with WaveLINE KNX gateway TP-RF 6770. Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032.

Battery service life: typically 5 years, therefore

practically maintenance-free.
Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

Protection class (Device): IP 20

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

Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

Colour	Туре	Order code	Pack/Qty.
ivory white	6731-82-500	2CKA006730A0032	1/10
aluminium silver ³)	6731-83-500	2CKA006730A0035	1/10
studio white	6731-84-500	2CKA006730A0038	1/10

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

<sup>&</sup>lt;sup>2)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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

# \_

# future® linear

# ZigBee Light Link inserts / control elements

#### Wall-mounted transmitter WaveLINE 1) 2) 2-channel



2gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming.

For controlling blinds and light scenes.

2 radio channels can be operated or up to 4 light scenes

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

Send frequency: 868 MHz.

Free-field range: approx. 100 m.

Power supply: lithium button cell battery Type CR2032.

Battery service life: typically 5 years, therefore

practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Control element: rocker switch left/right

Display elements: LED to indicate the transmission

Rated voltage: 3 V-

Protection class (Device): IP 20

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

Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

Colour	Туре	Order code	Pack/Qty.
ivory white	6732-82-500	2CKA006730A0033	1/10
aluminium silver ³)	6732-83-500	2CKA006730A0036	1/10
studio white	6732-84-500	2CKA006730A0039	1/10

<sup>&</sup>lt;sup>1)</sup> Battery included in delivery.

#### Wall-mounted transmitter WaveLINE 1) 2) 4-channel



4gang wall-mounted transmitter independent of mains power supply. With labelling field and labelling strip. For switching and dimming.

For controlling blinds and light scenes.

4 radio channels can be operated or up to 8 light scenes can be called up.

For flush-mounted WaveLINE actuators 6701-101, 6702, 6703, 6704 and 6705-101.

Send frequency: 868 MHz. Free-field range: approx. 100 m

Power supply: lithium button cell battery Type CR2032. Battery service life: typically 5 years, therefore practically maintenance-free.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Control element: rocker switch left/right.

Display elements: LED to indicate the transmission.

Rated voltage: 3 V-.

Protection class (Device): IP 20.

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

Dimensions: (L x W x D): 63 mm x 63 mm x 16 mm

Colour	Туре	Order code	Pack/Qty.
ivory white	6733-82-500	2CKA006730A0034	1/10
aluminium silver ³)	6733-83-500	2CKA006730A0037	1/10
studio white	6733-84-500	2CKA006730A0040	1/10
studio white	6733-84-500	2CKA006730A0040	1/10

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

#### **ZLL-Power supply insert**



With electronic short-circuit protection.

- With electronic overload protection.
- For ZigBee Light Link control element 6735-xxx, 6736-xxx and 6737-xxx.
- · Without control cover.
- Rated voltage: 230 V~, +10 % / -10 %
- Secondary: 5 V-, +5 % / -5 %



Colour	Type	Order code	Pack/Qty.
	6710 U-500	2CKA006710A0005	1

<sup>&</sup>lt;sup>2)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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

<sup>&</sup>lt;sup>2)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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

# ZigBee Light Link inserts / control elements

### **ZLL-Relay insert**



- 3 wire connection (neutral conductor required).
- For switching retrofit LED lamps (LEDi).
- For switching incandescent lamps, 230 V tungsten halogen lamps, fluorescent lamps and low-voltage halogen lamps, that are actuated via transformers.
- · Without control cover.



Colour	Туре	Order code	Pack/Qty.
	6711 U-500	2CKA006710A0006	1

#### **ZLL-Dimmer insert**



Touch dimmer.

- For wireless switching and dimming of electrical loads.
- 3 wire connection (neutral conductor required).
- Optimised for dimming of retrofit LED lamps (LEDi).
- For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps.



Colour	Туре	Order code	Pack/Qty.
	6715 U-500	2CKA006710A0007	1

## ZLL-Plug-in unit Switch



Plug device for switching electric loads up to 1,380 W/VA.

- Control of thermal positioners for heating control possible
- · Not for electrical heating devices.
- Connected load can be activated/deactivated via micro switch.



Send/receive frequency: 2.4 GHz.

Colour	Туре	Order code	Pack/Qty.
	6717-84-500	2CKA006710A0008	1

#### ZigBee Light Link wall-mounted transmitter 1-channel

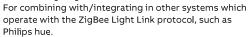


1gang wall-mounted transmitter independent of mains power supply.

For the wireless remote control of other ZigBee Light Link radio components.

For saving and calling up 2 light scenes.

For dimming a light scene.



With labelling field.

Without enclosed labelling sheet.

Compatible lettering software is available at

www.busch-jaeger-labelingtool.com.

Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m.  $\,$ 

Power supply: lithium button cell battery type CR2450 (included in scope of delivery).

Battery service life: typically 3 years.

Automatic monitoring of battery life.

Including fixing plate for mounting on smooth walls or on switch boxes.

Rated voltage: 3 V-

Protection class (Device): IP 20

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

Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm

Colour	Туре	Order code	Pack/Qty.
anthracite	6735/01-81	2CKA006730A0079	1
ivory white	6735/01-82	2CKA006730A0080	1
aluminium silver ¹)	6735/01-83	2CKA006730A0081	1
studio white	6735/01-84	2CKA006730A0082	1/10
studio white, matt ¹)	6735/01-884	2CKA006730A0118	1
black matt ¹)	6735/01-885	2CKA006730A0119	1

<sup>&</sup>lt;sup>1)</sup> Surface painted.

# WaveLINE control elements

### ZigBee Light Link wall-mounted transmitter 2-channel





2gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 4 light scenes. For dimming 2 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at www.busch-jaeger-labelingtool.com. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery). Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V-. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm.

Colour	Type	Order code	Pack/Qty.
anthracite	6736/01-81	2CKA006730A0083	1
ivory white	6736/01-82	2CKA006730A0084	1
aluminium silver ¹)	6736/01-83	2CKA006730A0085	1
studio white	6736/01-84	2CKA006730A0086	1/10
studio white, matt ¹)	6736/01-884	2CKA006730A0124	1
black matt 1)	6736/01-885	2CKA006730A0125	1

<sup>&</sup>lt;sup>1)</sup>Surface painted.

#### ZigBee Light Link wall-mounted transmitter 4-channel





4gang wall-mounted transmitter independent of mains power supply. For the wireless remote control of other ZigBee Light Link radio components. For saving and calling up 8 light scenes. For dimming 4 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at www.busch-jaeger-labelingtool.com. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Power supply: lithium button cell battery type CR2450 (included in scope of delivery). Battery service life: typically 3 years. Automatic monitoring of battery life. Including fixing plate for mounting on smooth walls or on switch boxes. Rated voltage: 3 V-. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm.

Colour	Type	Order code	Pack/Qty.
anthracite	6737/01-81	2CKA006730A0087	1
ivory white	6737/01-82	2CKA006730A0088	1
aluminium silver ¹)	6737/01-83	2CKA006730A0089	1
studio white	6737/01-84	2CKA006730A0090	1/10
studio white, matt ¹)	6737/01-884	2CKA006730A0130	1
black matt 1)	6737/01-885	2CKA006730A0131	1

<sup>&</sup>lt;sup>1)</sup>Surface painted.

### ZigBee Light Link control element 1gang





For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U. In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes. In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 2 light scenes or dimming a light scene. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. Push-button function: Switching/dimming/ light scenes. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at www.busch-jaeger-labelingtool.com. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm.

Colour	Туре	Order code	Pack/Qty.
anthracite	6735-81	2CKA006730A0067	1
ivory white	6735-82	2CKA006730A0068	1
aluminium silver ¹)	6735-83	2CKA006730A0069	1
studio white	6735-84	2CKA006730A0070	1/10
studio white, matt ¹)	6735-884	2CKA006730A0100	1
black matt 1)	6735-885	2CKA006730A0101	1

<sup>&</sup>lt;sup>1)</sup> Surface painted.

### ZigBee Light Link control element 2gang





For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U. In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes. In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 4 light scenes or dimming 2 light scenes. For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue. With labelling field. Without enclosed labelling sheet. Compatible lettering software is available at www.busch-jaeger-labelingtool.com. Send/receive frequency: 2.4 GHz. Free-field range: approx. 100 m. Protection class (Device): IP 20. Temperature range (Device): -5 °C to 45 °C. Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm.

Colour	Туре	Order code	Pack/Qty.
anthracite	6736-81	2CKA006730A0071	1
ivory white	6736-82	2CKA006730A0072	1
aluminium silver ¹)	6736-83	2CKA006730A0073	1
studio white	6736-84	2CKA006730A0074	1/10
studio white, matt ¹)	6736-884	2CKA006730A0106	1
black matt 1)	6736-885	2CKA006730A0107	1

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

# )

# future® linear

# WaveLINE control elements

## Busch-Infoline®

#### ZigBee Light Link control element 4gang



For wireless switching and dimming of electrical loads. For ZigBee Light Link flush-mounted inserts 6710 U, 6711 U and 6715 U.

In connection with the ZigBee Light Link flush-mounted inserts 6711 U and 6715 U the top rocker is used to switch or dim the non-ZLL lamps connected to the flush-mounted insert directly. In the case of 6736 and 6737, the other keys can be used for saving, calling and dimming lightscenes.

In combination with the ZigBee LightLink-UP insert 6710 U for storing and calling up 8 light scenes or dimming 4 light scenes.

For combining with/integrating in other systems which operate with the ZigBee Light Link protocol, such as Philips hue.

With labelling field.

6737-885

Without enclosed labelling sheet.

Compatible lettering software is available at www.

busch-jaeger-labelingtool.com.

Send/receive frequency: 2.4 GHz.

Free-field range: approx. 100 m.

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C Dimensions: (L x W x D): 64 mm x 64 mm x 18 mm

Colour	Type	Order code	Pack/Qty.
anthracite	6737-81	2CKA006730A0075	1
ivory white	6737-82	2CKA006730A0076	1
aluminium silver ¹)	6737-83	2CKA006730A0077	1
studio white	6737-84	2CKA006730A0078	1/10
studio white, matt ¹)	6737-884	2CKA006730A0112	1

2CKA006730A0113

## Cover plate $^{1}$ ) $^{2}$ ) 1gang, with labelling field



With operating knob. For signal/cancel push-button 1520/1 UK. For monitoring unit 1511 U. For Busch-Leakage guard insert 1531 U. With labelling field 61 x 20 mm. Protection class (Device): IP 20

Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

 Colour
 Type
 Order code
 Pack/Qty.

 studio white
 1571 CN-84
 2CKA001582A0346
 10

#### Cover plate 1) 2) 2gang, with labelling field



With operating knob. For signal push-button insert 1520/1 UKZ. With labelling field  $61 \times 20$  mm. With exchangeable inlays in read and green for the individual designation of the operating knob. Protection class (Device): IP 20 Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

Colour	Туре	Order code	Pack/Qty.
studio white	1572 CN-84	2CKA001582A0348	10

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

# Cover plate 1) 2)

# with red and neutral light panel and labelling field



For Alarm Control Unit insert 1515 U-12.
For Busch-Alarm signal insert 1563 U-12.
For indication lamp insert 1564 U-1x.
With labelling field 61 x 61 mm.
Protection class (Device): IP 20
Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

Colour	Type	Order code	Pack/Qty.
studio white	1573 CN-84	2CKA001582A0350	10

 $<sup>^{1)}</sup>$  For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.

#### Cover plate 1) 2) 6gang, illuminable, with labelling field

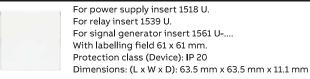


For signal panel insert 1566 U.
With labelling field 61 x 61 mm.
Protection class (Device): IP 20
Dimensions: (L x W x D): 63.5 mm x 63.5 mm x 11.1 mm

Colour	Туре	Order code	Pack/Qty.
studio white	1575 CN-84	2CKA001582A0353	10

 $<sup>^{1)}</sup>$  For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.

# Cover plate 1) 2) with labelling field



Colour	Туре	Order code	Pack/Qty.
studio white	1576 CN-84	2CKA001582A0355	10

black matt 1)

1) Surface painted.

Tor compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

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

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

# 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	Туре	Order code	Pack/Qty.
	2148	2CKA002148A0120	100

 $<sup>^{\</sup>rm 3}$  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
	kev		
	2144 TR	2CKA001714A0297	10/1000

### Braille symbol socket outlet



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

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

#### DIN A 4 labelling sheet 1) plastic foil



Suitable for all to be labeled Busch-Jaeger devices. For laser printer.
The text of the foil is printed via the Busch-Jeager

labeling service.

Dimensions: (L x W x D): 297 mm

Colour	Туре	Order code	Pack/Qty.
translucent	1799/02	2CKA001799A0959	1
transparent	1799/03	2CKA001799A0960	1

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

### RC suppressor



For protection against the damage or destruction of electronic devices due to overvoltages.

For wiring network-interconnected inductivities (e.g.. relay, protection, fluorescent lamps, transformers, etc.). Eliminates functional disturbances on electronic devices, e.g. automatic circuit reclosure (clocking) of a movement detector.

Dimensions: diameter 25 mm, length 35 mm, length of the connecting cable approx. 100 mm. Rated voltage: 230 V~, +10 % / -10 % Rated frequency: 50 Hz

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

#### Surface-mounting box



Box for inserts and cover plates with cover frame. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
	1gang box		
anthracite	1701-81	2CKA001799A0895	10
ivory white	1701-82	2CKA001799A0896	10
aluminium silver ¹)	1701-83	2CKA001799A0905	10
studio white	1701-84-500	2CKA001799A0982	10/100
studio white, matt ¹)	1701-884	2CKA001799A0921	10
black matt ¹)	1701-885	2CKA001799A0923	10
	2gang box		
anthracite	1702-81	2CKA001799A0900	10
ivory white	1702-82	2CKA001799A0901	10
aluminium silver ¹)	1702-83	2CKA001799A0906	10
studio white	1702-84	2CKA001799A0902	10
studio white, matt ¹)	1702-884	2CKA001799A0922	10
black matt 1)	1702-885	2CKA001799A0924	10
	3gang box		
anthracite	1703-81	2CKA001799A0915	1
ivory white	1703-82	2CKA001799A0916	1
aluminium silver ¹)	1703-83	2CKA001799A0917	1
studio white	1703-84	2CKA001799A0918	1
studio white, matt ¹)	1703-884	2CKA001799A0955	1
black matt 1)	1703-885	2CKA001799A0956	1

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

# Accessories

## Cable entry for SM box



Suitable for 1701-8x and 1702-8x. Trunking dimension: 15 x 15 mm to 19 x 19 mm. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	2087-81	2CKA001761A1493	10
ivory white	2087-82	2CKA001761A1494	10
aluminium silver ¹)	2087-83	2CKA001761A1504	10
studio white	2087-84	2CKA001761A1495	10
1) Surface painted	d.		

# Cable entry for SM box



Suitable for 1701-8x and 1702-8x. Protection class (Device): IP 20

Colour	Туре	Order code	Pack/Qty.
anthracite	2088-81	2CKA001761A1498	10
ivory white	2088-82	2CKA001761A1499	10
aluminium silver ¹)	2088-83	2CKA001761A1505	10
studio white	2088-84	2CKA001761A1500	10

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

# Cover frames

## future® linear Cover frame 1gang frame



With small corner radii for trunking systems. Protection class (Device): IP 20 Dimensions: (L x W x D): 80 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.
anthracite	1721 <b>-</b> 181K	2CKA001754A4240	10
ivory white	1721-182K-500	2CKA001754A4506	10/100
studio white	1721-184K-500	2CKA001754A4498	10/100
aluminium silver ¹)	1721-183K-500	2CKA001754A4529	10/100
studio white, matt ¹)	1721-884K-500	2CKA001754A4531	10/100
black matt 1)	1721-885K-500	2CKA001754A4532	10/100

<sup>&</sup>lt;sup>1)</sup> Surface painted.

### future® linear Cover frame 2gang frame



With small corner radii for trunking systems. Protection class (Device): IP 20 Dimensions: (L x W x D): 151 mm x 80 mm x 11 mm

Colour	Type	Order code	Pack/Qty.
anthracite	1722-181K	2CKA001754A4241	10
ivory white	1722-182K	2CKA001754A4231	10
aluminium silver ¹)	1722-183K-500	2CKA001754A4530	10/100
studio white	1722-184K-500	2CKA001754A4499	10/100
studio white, matt ¹)	1722-884K	2CKA001754A4415	10
black matt	1722-885K-500	2CKA001754A4534	10/100

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

## future® linear Cover frame 3gang frame



With small corner radii for trunking systems. Protection class (Device): IP 20 Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm

Туре	Order code	Pack/Qty.
1723-181K	2CKA001754A4242	10
1723-182K	2CKA001754A4232	10
1723-183K-500	2CKA001754A4533	10/100
1723-184K-500	2CKA001754A4502	10/100
1723-884K	2CKA001754A4416	10
1723-885K	2CKA001754A4421	10/100
	1723-181K 1723-182K 1723-183K-500 1723-184K-500 1723-884K	1723-181K 2CKA001754A4242 1723-182K 2CKA001754A4232 1723-183K-500 2CKA001754A4533 1723-184K-500 2CKA001754A4502 1723-884K 2CKA001754A4416

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

# Cover frames

### future® linear Cover frame 4gang frame

With small corner radii for trunking systems. Protection class (Device): IP 20 Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm

Colour	Type	Order code	Pack/Qty.
anthracite	1724-181K	2CKA001754A4243	10
ivory white	1724-182K	2CKA001754A4233	10
aluminium silver ¹)	1724-183K	2CKA001754A4309	10
studio white	1724-184K	2CKA001754A4238	10
studio white, matt ¹)	1724-884K	2CKA001754A4417	10
black matt 1)	1724-885K	2CKA001754A4422	10

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

## future® linear Cover frame 5gang frame

With small corner radii for trunking systems. Protection class (Device): IP 20 Dimensions: (L x W x D):  $394 \text{ mm} \times 80 \text{ mm} \times 11 \text{ mm}$ 

Colour	Туре	Order code	Pack/Qty.
anthracite	1725-181K	2CKA001754A4244	1
ivory white	1725-182K	2CKA001754A4234	1
aluminium silver ¹)	1725-183K	2CKA001754A4310	1
studio white	1725-184K-500	2CKA001754A4517	1
studio white, matt ¹)	1725-884K	2CKA001754A4418	1
black matt 1)	1725-885K	2CKA001754A4423	1

<sup>&</sup>lt;sup>1)</sup>Surface painted.

### future® linear Cover frame 1gang frame



With small corner radii for trunking systems. Protection class (Device): IP 20 Dimensions: (L x W x D): 80 mm x 80 mm x 11 mm

Colour	Type	Order code	Pack/Qty.
red RAL 3020	1721-12-182K-101	2CKA001754A4713	10

## future® linear Cover frame 2gang frame



With small corner radii for trunking systems.
Protection class (Device): IP 20
Dimensions: (L x W x D): 152 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.
red RAL 3020	1722-12-182K-101	2CKA001754A4714	10

### future® linear Cover frame ¹) 1gang frame



With labelling field and label holder. With small corner radii for trunking systems. Protection class (Device): IP 20 Dimensions: (L x W x D):  $80 \text{ mm} \times 80 \text{ mm} \times 11 \text{ mm}$ 

Colour	Type	Order code	Pack/Qty.
studio white	1721-184 NSK-500	2CKA001754A4527	10/100

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

### future® linear Cover frame ¹) 3gang frame

 With labelling field and label holder.
With small corner radii for trunking systems.
 Vertical.
Protection class (Device): IP 20
Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.
studio white	1723-184 NSK	2CKA001754A4366	10

 $<sup>^{1)}</sup> For compatible lettering software, visit www. BUSCH-JAEGER-labeling tool.com. \\$ 

## future® linear Cover frame ¹) 4gang frame

With labelling field and label holder.
With small corner radii for trunking systems.
Vertical.
Protection class (Device): IP 20

Colour	Type	Order code	Pack/Qty.
studio white	1724-184 NSK	2CKA001754A4367	1

Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm

<sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

# **future**®

# Cover frames

# future® linear Cover frame ¹) 2gang frame



With labelling field and label holder. With small corner radii for trunking systems. Horizontal

Protection class (Device): IP 20

Dimensions: (L x W x D): 151 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.
studio white	1732-184 NSK	2CKA001754A4368	10/100

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

## future® linear Cover frame ¹) 3gang frame



With labelling field and label holder. With small corner radii for trunking systems.

Horizontal

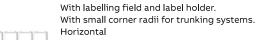
Protection class (Device): IP 20

Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.
studio white	1733-184 NSK	2CKA001754A4369	10

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labelingtool.com.

## future® linear Cover frame ¹) 4gang frame



Protection class (Device): IP 20 Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.
studio white	1734-184 NSK	2CKA001754A4370	1

<sup>&</sup>lt;sup>1)</sup> For compatible lettering software, visit www.BUSCH-JAEGER-labeling tool.com.

#### Cover frame 1) 1gang frame



With rounded edges and corners.

Protection class (Device): IP 20

Dimensions: (L x W x D): 80 mm x 80 mm x 11 mm

Colour	Type	Order code	Pack/Qty.	
ivory white	1721-182	2CKA001754A4168	10/100	
studio white	1721-184-500	2CKA001754A4504	10/100	

 $<sup>^{\</sup>mbox{\tiny{1}\!\!\!1}}\mbox{Suitable}$  for installation in trunking systems with 80 mm conduit.

#### Cover frame 2gang frame



For vertical or horizontal installation. With rounded edges and corners. Protection class (Device): IP 20 Dimensions: (L x W x D): 151 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.	
ivory white	1722-182	2CKA001754A4169	10/100	
studio white	1722-184-500	2CKA001754A4508	10/100	

### Cover frame 3gang frame



For vertical or horizontal installation.
With rounded edges and corners.
Protection class (Device): IP 20
Dimensions: (L x W x D): 222 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.	
ivory white	1723-182	2CKA001754A4170	10/100	
studio white	1723-184	2CKA001754A4175	10/100	

#### Cover frame 4gang frame



For vertical or horizontal installation. With rounded edges and corners. Protection class (Device): IP 20 Dimensions: (L x W x D): 293 mm x 80 mm x 11 mm

Colour	Type	e Order code	
ivory white	1724-182	2CKA001754A4171	1
studio white	1724-184	2CKA001754A4176	1

## Cover frame 5gang frame



For vertical or horizontal installation.
With rounded edges and corners.
Protection class (Device): IP 20
Dimensions: (L x W x D): 394 mm x 80 mm x 11 mm

Colour	Туре	Order code	Pack/Qty.
ivory white	1725-182	2CKA001754A4172 1	
studio white	1725-184	2CKA001754A4177	1

# Notes