

SYSTEM BASIS

THE DESIGN SERIES FOR GETTING STARTED

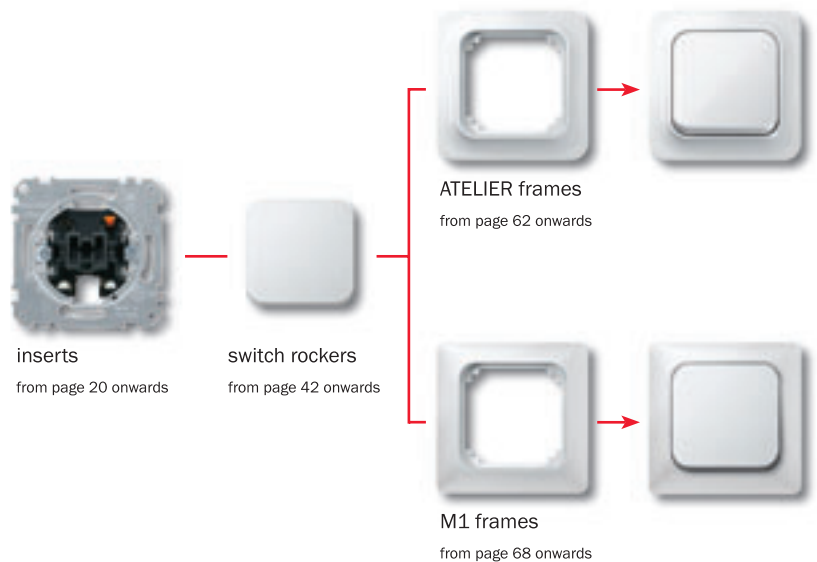


Introduce your customers to the world of high-quality switch design with Merten's System Basis range. Choose from over 125 different inserts – regardless of whether your design preference is for M1 or ATELIER.

Its special feature: both switch ranges use the same covers and central inserts. So if your customer ever decides to change to another switch design, it's not a problem. System Basis is prepared for it.

The system principle

Changing the switch range made easy: System Basis inserts fit all design variants. Just change the frames and the job is done.





ATELIER makes a good impression with soft, smooth lines from the rocker to frame.



M1 stands out by means of its high functionality and clear form.

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All inserts that fit M1 and ATELIER frames can be found under "System Basis/Inserts".

- Material: Highly scratch-resistant duroplastic range.
- Technical Information: System Basis dimensions (⇒ p. 425)

Switch rockers

- For completion with rocker switch inserts.



Rocker

For two-way switch, intermediate switch and push-button insert.

Version	Art. no.	PU	PG	Info
white	310174	10/400	1	
polar white	310119	10/400	1	



Rocker marked 0/1

For 2- and 3-pole rocker switch insert.

Version	Art. no.	PU	PG	Info
white	310274	5/225	1	
polar white	310219	5/225	1	



Rocker for two-circuit switch

For two-way, double two-way switch and double push-button insert.

Version	Art. no.	PU	PG	Info
white	310574	10/400	1	
polar white	310519	5/225	1	



Rocker

For two-way switch, intermediate switch and push-button insert.

- Accessories: Special screw range, art. no. 399898.
- Note: The special screw range, art. no. 399898, makes invisible screw fixing possible.

Version	Art. no.	PU	PG	Info
polar white	310419	10/240	1	



Rocker for two-circuit switch

For two-way, double two-way switch and double push-button insert.

- Accessories: Special screw range, art. no. 399898.
- Note: The special screw range, art. no. 399898, makes invisible screw fixing possible.

Version	Art. no.	PU	PG	Info
polar white	310719	10/240	1	



Rocker with labelling field

For permanent labelling.
For two-way switch, intermediate switch and push-button.

- Contents: 4 pictograms (1 service, 1 light, 1 bell, 1 neutral) per rocker.

Version	Art. no.	PU	PG	Info
white	310374	5/120	1	
polar white	310319	5/120	1	



Rocker with oval opening for symbols

For control switch and push-button insert.

- Accessories: Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.

- Contents: For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Info
white	310874	10/400	1	
polar white	310819	10/240	1	



Rocker for heating emergency switch

With red inspection window and imprint "Heating emergency switch".

- To be completed with: Rocker switch insert, art. no. 325200, 325600, 311300.

Version	Art. no.	PU	PG	Info
white	310894	5/225	1	
polar white	310899	5/225	1	

JUMBO, the big switch

The all-round functional switch, conspicuously large. Can replace any standard one-way or two-way switch.



JUMBO, the big switch

10 AX, AC 250 V

In ATELIER design.

In existing stand-alone devices such as on/off, two-way and intermediate switches from the Merten ranges, only frame and rocker must be exchanged for the JUMBO top unit.



Dimensions: 165 x 165 x 45 mm (HxWxD)

- Contents: Complete device with two-way switch.

Version	Art. no.	PU	PG	Info
ruby red	310696	1/6	1.1	

Push-down buttons

- ▶ **For completion with push-down switch inserts.**



Push-down button

For push-down two-way and push-down intermediate switch insert, recognisable by the blue contact piece.

- ▶ **To be completed with:** Push-down control switch insert, art. no. 330600, 330700.

Version	Art. no.	PU	PG	Info
white	330174	5/225	1	
polar white	330119	5/225	1	



Push-down button for two-circuit switch

For push-down two-circuit switch inserts, recognisable by the blue contact piece.

- ▶ **To be completed with:** Push-down two-circuit switch insert, art. no. 330500.

Version	Art. no.	PU	PG	Info
white	330574	5/225	1	
polar white	330519	5/225	1	



Push-down button with red transparent opening for symbols

For push-down control switch insert, recognisable by the blue contact piece.

- ▶ **To be completed with:** Push-down control switch insert, art. no. 332200, 332600.

Accessories: Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.

Version	Art. no.	PU	PG	Info
white	330874	5/225	1	
polar white	330819	5/225	1	



Rocker in push-down design

For rocker button insert.

Version	Art. no.	PU	PG	Info
white	311834	5/225	1	
polar white	311839	5/225	1	



Rocker in push-down design with oval opening for symbols

For rocker button insert.

- ▶ **Accessories:** Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.

- ▶ **Contents:** For PU 5: 2 light, 1 door, 1 bell (clear), 5 neutral (red transparent).

Version	Art. no.	PU	PG	Info
white	311874	5/225	1	
polar white	311819	5/225	1	

SCHUKO socket-outlets and accessories

- Most SCHUKO socket-outlets have plug-in terminals.
- All versions with screw terminals are described accordingly.
- Connecting terminals in accordance with VDE 0620 Part 1.
- The socket-outlets can be integrated into the OCTOCOLOR range with adapter, art. no. 517094 94/99. They can be integrated into System Design with adapter, art. no. 518044 44/19.



SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
white	234474	10/100	1	
polar white	234419	10/100	1	



SCHUKO socket-outlet insert with screw terminals

16 A, AC 250 V, DIN 49440

With screw terminals.

Version	Art. no.	PU	PG	Info
white	274474	10/50	1	
polar white	274419	10/50	1	



SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
white	234484	10/50	1	
polar white	234449	10/50	1	



SCHUKO socket-outlet insert with improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").

With plug-in terminals.

Version	Art. no.	PU	PG	Info
white	234674	10/40	1	
polar white	234619	10/40	1	



SCHUKO socket-outlet insert with labelling field

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: With 2 lettering strips per insert for labelling.

Version	Art. no.	PU	PG	Info
white	234374	10/40	1	
polar white	234319	10/40	1	



SCHUKO socket-outlet insert with labelling field and control lamp

16 A, AC 250 V, DIN 49440

With screw terminals.

Other colours on request.

Contents: With 2 lettering strips per insert for labelling.

Version	Art. no.	PU	PG	Info
white	273724	10/40	1	
orange	273702	10/40	1	
green	273704	10/40	1	



SCHUKO socket-outlet insert with hinged lid

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
white	234274	10/40	1	
polar white	234219	10/40	1	



SCHUKO socket-outlet insert with hinged lid and improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").

With plug-in terminals.

Version	Art. no.	PU	PG	Info
polar white	238519	10/40	1	



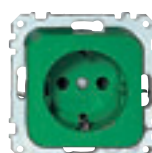
SCHUKO socket-outlet insert with fine-wire fuse

10 A, AC 250 V, DIN 49440

With T10H fine-wire fuse.

With screw terminals.

Version	Art. no.	PU	PG	Info
white	273574	1/50	1	
polar white	273519	1/50	1	



SCHUKO socket-outlet insert for special circuits

16 A, AC 250 V, DIN 49440

For SV (safety power supply) and ZSV (additional safety power supply).
With plug-in terminals.

Accessories: Labels for safety power supply, art. no. 539654/56.

Version	Art. no.	PU	PG	Info
ruby red	234406	10/50	1.1	
SV, green	234404	10/50	1	
additional safety power supply, orange	234402	10/50	1	



Labels for safety power supply

Self-adhesive labels.

SV label (safety power supply) and ZSV label (additional safety power supply).

Contents: 1 item = 10 labels.

Version	Art. no.	PU	PG	Info
SV, green	539656	1/1000	1	
additional safety power supply, orange	539654	1/1000	1	



Surge protection module for socket-outlet combinations

For all combination SCHUKO flush-mounted socket-outlets.

Suitable for standard size 60 installation box.

It is advisable to clearly mark the cover of the relevant socket-outlet.

Mounting depth: 32 mm

Type of protection: Fine protection

Failure indication: Acoustic signal

Special features: Test function

Version	Art. no.	PU	PG	Info
	533498	1/50	8	

Socket-outlets and accessories

Socket-outlet inserts for international markets.

- All socket-outlet inserts can be integrated into the OCTOCOLOR range with adapter, art. no. 517094 94/99. They can be integrated into System Design with adapter, art. no. 518044 44/19.



Socket-outlet insert with earthing pin and increased protection against accidental contact

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").

With screw terminals.

With claw and screw fixing.

Version	Art. no.	PU	PG	Info
white	284674	10/40	1	
polar white	284619	10/40	1	



Socket-outlet insert without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
white	214084	10/40	1	
polar white	214049	10/40	1	



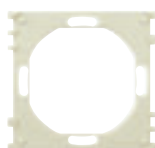
British Standard socket-outlet insert, can be switched off

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.
With switch and control lamp.
Suitable for a size 60 mounting box.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
white	202574	2/60	1	
polar white	202519	2/60	1	



Adapter plate for British Standard mounting box

For installation of the socket-outlet inserts in British Standard mounting boxes.

To be completed with: British Standard socket-outlet insert, art. no. 201219, 201919, 203219. British Standard socket-outlet insert, can be switched off, art. no. 2023.., 2025.., 2024.., 202053. Chinese socket-outlet insert, 2-pole, art. no. 201019, 201719, 203019. Chinese socket-outlet insert, 3-pole, art. no. 201119, 201819, 203119. Chinese socket-outlet insert with hinged lid, 3-pole, art. no. 241119. Chinese socket-outlet insert, 3-pole, art. no. 203819, 204619, 205119. Chinese double socket-outlet insert, 2-/3-pole, art. no. 203719, 204519, 205019.

Version	Art. no.	PU	PG	Info
white	307001	60/300	1	



USA socket-outlet insert, 15 A

15 A, 125 V, 2-pole + E

Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
white	200474	10/40	1	



USA socket-outlet insert, 20 A

20 A, 125 V, 2-pole + E

Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
white	200674	10/40	1	



USA double socket-outlet insert, 15 A

15 A, 125 V, 2-pole + E

For integration in the following double mounting boxes from Kaiser: American standard flush-mounted double switch box (Kaiser art. no.: 1078-02), American standard double switch box for cavity walls (Kaiser art. no.: 9062-02) or double switch box for use in concrete (Kaiser art. no.: 1200-00).

Contents: Complete device.
Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
white	201474	6/48	1	



USA double socket-outlet insert, 20 A

20 A, 125 V, 2-pole + E

For integration in the following double mounting boxes from Kaiser: American standard flush-mounted double switch box (Kaiser art. no.: 1078-02), American standard double switch box for cavity walls (Kaiser art. no.: 9062-02) or double switch box for use in concrete (Kaiser art. no.: 1200-00).

Contents: Complete device.
Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
white	201674	6/48	1	



HNA socket-outlet insert

10 A, 250 V, B 220 DIN 89321

For System Basis.
For socket-outlets where it is essential that they are not interchanged.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180.., and into the OCTOCOLOR range using the adapter, 5170... Can be installed in damp rooms or outdoors using the protective cover with gasket, art. no. 5172...

Version	Art. no.	PU	PG	Info
white	204074	10/40	7	
polar white	204019	10/40	7	



Potential equalisation socket-outlet insert

With two 1-pole, built-in plugs to DIN 42801.
Connecting terminal up to 6 mm².
Without claws, for screw fixing.

Accessories: Potential equalisation angled connector, art. no. 297190.

Version	Art. no.	PU	PG	Info
white	297074	10/40	1	
polar white	297019	10/40	1	



Potential equalisation angled connector

DIN 42801 part 2

Suitable for use as a potential equalisation socket-outlet insert.
Solder connection up to 6 mm².

- To be completed with:** Potential equalisation socket-outlet insert, art. no. System M 2904..., 2982..., 2906..., System Basis 2970..., System Design 2973..., OCTOCOLOR 2972...

Version	Art. no.	PU	PG	Info
	297190	10/500	1	

Switches, time switches and central plates



Central plate for time switch insert, 15 min

- To be completed with:** Time switch insert, 15 min, art. no. 538000.

Version	Art. no.	PU	PG	Info
white	538034	1/100	8	
polar white	538039	1/100	8	



Central plate for time switch insert, 120 min

- To be completed with:** Time switch insert, 120 min, art. no. 538200.

Version	Art. no.	PU	PG	Info
white	538234	1/100	8	
polar white	538239	1/100	8	



Time switch

For programmed and time-dependent switching of lamps.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz

Neutral conductor: required

Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit

Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

- Contents:** Complete device. Without frame.

Version	Art. no.	PU	PG	Info
white	580074	1/10	8	
polar white	580019	1/10	8	



Time switch with sensor connection

For programmed and time-dependent switching of lamps. Connection of a sun/twilight sensor is possible.

The sensor cable is connected with the time switch via the plug. Set brightness value of sun sensor approx. 20,000 lux.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz

Neutral conductor: required

Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit

Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

- Accessories:** Sun/twilight sensor, art. no. 580691.

- Contents:** Complete device. Without frame.

Version	Art. no.	PU	PG	Info
white	581074	1/10	8	
polar white	581019	1/10	8	



Central plate for two-way maintained-contact switch insert

For standardised semi-cylindrical locks 40 mm long.

▶ **To be completed with:** Two-way maintained-contact switch insert, art. no. 318601.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	318624	1/60	8	
polar white	318618	1/60	8	



Central plate for speed controller

▶ **To be completed with:** Speed controller insert, art. no. 583699.

Version	Art. no.	PU	PG	Info
polar white	583619	5/120	8	
white	583674	5/120	8	



Central plate for three-step rotary switch

▶ **To be completed with:** Three-step rotary switch insert, art. no. 317400.

Version	Art. no.	PU	PG	Info
white	317424	1/100	8	
polar white	317418	1/100	8	



Central plate for fan switch

▶ **To be completed with:** Fan switch insert, art. no. 317100.

Version	Art. no.	PU	PG	Info
white	317191	1/100	1	
polar white	317192	1/100	1	



Hotel keycard holder

Illuminated.

▶ **To be completed with:** Rocker button insert for hotel keycard holder, art. no. 315800. Rocker switch insert, art. no. 315000, 315900, 315901.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Version	Art. no.	PU	PG	Info
white	315174	1/100	1	
polar white	315119	1/100	1	

Covers for dimmers



Central plate for rotary dimmer inserts up to 600 VA

For System Basis.

▶ **To be completed with:** Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
white	572374	5/120	8	
polar white	572319	5/120	8	



Sensor cover

For System Basis.
Manual operation.

▶ **To be completed with:** Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.

■ **Technical Information:** Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
white	574174	1/100	8	
polar white	574198	1/100	8	



TELE sensor cover

For System Basis.
Can be manually operated and controlled remotely via IR remote control.

▶ **To be completed with:** Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.

Transmitter: IR remote control Distance, art. no. 570222.

■ **Technical Information:** Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
white	574874	1/100	8	
polar white	574819	1/100	8	

Roller shutter switches



Rocker for roller shutter switch and push-button

For roller shutter rocker switch and rocker button insert.

Version	Art. no.	PU	PG	Info
white	315574	5/225	1	
polar white	315519	5/225	1	



Central plate for momentary/maintained-contact switch insert for roller shutters

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 317200.

Version	Art. no.	PU	PG	Info
white	317234	1/100	1	
polar white	317239	1/100	1	



Central plate for momentary/maintained-contact switch inserts for roller shutters

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 318501, roller shutter momentary-contact switch insert, art. no. 318901.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	318524	1/60	8	
polar white	318518	1/60	8	

Blind control system

You can find a complete overview of all products and functions in the chapter "Blind control system".

Technical Information: Blind control system (⇒ p. 463)



Blind push-button

Operator button for blind/roller shutter motors. With electronic locking of blind control.

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	580274	1/100	8	
polar white	580219	1/100	8	



Blind push-button with sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	580574	1/100	8	
polar white	580519	1/100	8	



Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor.

The device uses a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.

To be completed with: Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	580374	1/100	8	
polar white	580319	1/100	8	



Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors. Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control.

Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

Transmitter: IR remote control Distance, art. no. 570222.

Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	580474	1/100	8	
polar white	580419	1/100	8	



Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Standard blind time switch (⇒ p. 466)

Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
white	580974	1/10	8	
polar white	580919	1/10	8	



Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	580174	1/10	8	
polar white	580119	1/10	8	



Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.

▶ **To be completed with:** Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

■ **Technical Information:** Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	581174	1/10	8	
polar white	581119	1/10	8	

Movement detectors

■ **Technical Information:** ARGUS 180, flush-mounted (⇒ p. 505)



ARGUS 180 flush-mounted sensor module

For System Basis.
Indoor movement detector.

Area of detection: 180°

Number of levels: 1

Number of zones: 14

Range: approx. 8 m

Sensitivity: infinitely adjustable

Light sensor: infinitely adjustable between approx. 5 and 1000 lux

Time: adjustable in steps from 1 s to 8 min

▶ **To be completed with:** Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.

■ **Technical Information:** ARGUS flush-mounted overview (⇒ p. 506)

■ **Note:** Supersedes art. no. 5799 ..

Version	Art. no.	PU	PG	Info
white	578274	1/60	8	
polar white	578219	1/60	8	



ARGUS 180 flush-mounted sensor module with switch

For System Basis.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°

Number of levels: 1

Number of zones: 14

Range: approx. 8 m

Sensitivity: infinitely adjustable

Light sensor: infinitely adjustable between approx. 5 and 1000 lux

Time: adjustable in steps from 1 s to 8 min

▶ **To be completed with:** Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.

■ **Technical Information:** ARGUS flush-mounted overview (⇒ p. 506)

■ **Note:** Supersedes art. no. 5798 ..

Version	Art. no.	PU	PG	Info
white	578374	1/60	8	
polar white	578319	1/60	8	



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W

Neutral conductor: not required (2 conductor system)



▶ **To be completed with:** ARGUS 180 flush-mounted sensor module, art. no. System M 5755..., 5784..., System Basis 5782..., System Design 5786..., OCTOCOLOR 5753..., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728..., 5785..., System Basis 5783..., System Design 5795..., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688..., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932..., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034..., 5024..., System Design 5044...

■ **Technical Information:** ARGUS flush-mounted overview (⇒ p. 506)

■ **Note:** A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932..., 5933... can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	576799	1/50	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA

Capacitive load: max. 140 µF

Neutral conductor: required (3 conductor system)



▶ **To be completed with:** ARGUS 180 flush-mounted sensor module, art. no. System M 5755..., 5784..., System Basis 5782..., System Design 5786..., OCTOCOLOR 5753..., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728..., 5785..., System Basis 5783..., System Design 5795..., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688..., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932..., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034..., 5024..., System Design 5044...

■ **Technical Information:** ARGUS flush-mounted overview (⇒ p. 506)

■ **Note:** Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	576897	1/50	8	

Room temperature control units

Technical Information: Heating control (⇒ p. 489)



Central plate for room temperature control insert with switch

Range limiting integrated into setting knob. Particularly flat design.

To be completed with: Room temperature control insert with switch, art. no. 536302, 536304.

Version	Art. no.	PU	PG	Info
white	538574	1/150	8	
polar white	538519	1/150	8	



Room temperature control insert with switch

With thermal recirculation. Fourth terminal for night economy.

To be completed with: Central plate for room temperature control unit with switch, art. no. System M 5348..., 5361..., System Basis 5385..., System Design 5397..., OCTOCOLOR 5391...

Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	536302	1/50	8	
AC 24 V, 1(1) A	536304	1/50	8	



Central plate for room temperature control insert with changeover contact

Range limiting integrated into setting knob. Particularly flat design.

To be completed with: Room temperature control unit insert with changeover contact, art. no. 536400, 536401.

Version	Art. no.	PU	PG	Info
white	536524	1/150	8	
polar white	536518	1/150	8	



Room temperature control insert with changeover contact

For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed). With thermal recirculation.

To be completed with: Central plate for room temperature control unit with changeover contact, art. no. System M 5347..., 5362..., System Basis 5365..., System Design 5374..., OCTOCOLOR 5364...

Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 5(2) A	536400	1/50	8	
AC 24 V, 1(1) A	536401	1/50	8	



Central plate for floor thermostat insert with switch

Range limiting integrated into setting knob. Particularly flat design.

To be completed with: Floor thermostat with switch, art. no. 537100.

Version	Art. no.	PU	PG	Info
white	537174	1/150	8	
polar white	537119	1/150	8	



Floor thermostat insert with switch

With remote sensor on 4 m incoming lead, extendable with twin-core cable.

To be completed with: Central plate for floor thermostat insert with switch, art. no. System M 5349..., 5358..., System Basis 5371..., System Design 5375..., OCTOCOLOR 5372...

Contents: Room temperature control insert, remote sensor, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	537100	1/12	8	

Central plates for communications technology



Carrying frame with central plate for inserts in line with DIN 41524

Can also be used for command and signalling devices with one-hole fixing Ø 16 mm (e.g. Lumitas).

Second opening can be broken out.

Version	Art. no.	PU	PG	Info
white	294994	10/40	1	



Central plate for light signal insert

To be completed with: Light signal E 10 insert, art. no. 319016.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	397774	10/240	1	
polar white	397719	10/240	1	



Central plate for cable outlet

With carrying frame and strain relief. With claw and screw fixing.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	298194	1/50	1	
polar white	298199	1/50	1	

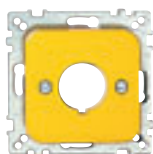


Central plate for command devices

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

▣ **Adapters:** Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	392274	5/120	1	
polar white	392298	5/120	1	



Central plate for emergency stop switch

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

▣ **Adapters:** Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
yellow	392203	5/120	1.1	



Blanking cover

Cover for relay, multiple control relay for roller shutters, buzzer, power booster, KNX binary input, flush-mounted/4x10 etc.
Can be used universally with mechanical machining (drilling, milling etc.)
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
white	392074	5/120	1	
polar white	392019	5/120	1	



Intermediate ring for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAEG, BTR etc.

Version	Art. no.	PU	PG	Info
white	517174	5/300	1	
polar white	517119	5/300	1	



Intermediate ring with hinged lid for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAG, BTR etc.

▣ **Adapters:** Can be integrated into System Design using the adapter, art. no. 5180..., and into the OCTOCOLOR range using the adapter, 5170...

Version	Art. no.	PU	PG	Info
white	517474	5/75	1	
polar white	517498	5/75	1	

Communications inserts

▣ **Technical Information:** Communications inserts (⇒ p. 484)



Inclined outlet

For data connection and communications technology.
Order the associated inserts separately.
With labelling field.

▣ **To be completed with:** Communications inserts, art. no. 461381-99.

▣ **Technical Information:** Inserts for inclined outlets (⇒ p. 486)

▣ **Contents:** Without inserts.

Version	Art. no.	PU	PG	Info
white	461324	1/50	1	
polar white	461318	1/50	1	



Blanking insert

Can be used universally with mechanical machining (drilling, milling etc.)

▣ **To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461388	10/300	1	



Insert for D-type plug connectors, 9-pole

For two D-type plugs, 9-pole.
Second opening can be broken out.

▣ **To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Accessories: D-type socket connector, 9-pole, art. no. 465009.

Version	Art. no.	PU	PG	Info
black	461391	10/300	1	



Insert for D-type plug connectors, 15-pole

For two D-type plugs, 15-pole.
Second opening can be broken out.

▣ **To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Accessories: D-type socket connector, 15-pole, art. no. 465015.

Version	Art. no.	PU	PG	Info
black	461392	10/300	1	



Insert for D-type plug connectors, 25-pole

For two D-type plugs, 25-pole.
Second opening can be broken out.

▣ **To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
black	461393	10/300	1	



Insert for BNC/TNC sockets

For two BNC/TNC connectors Ø 12.5 mm or for BNC/TNC connectors Ø 9.5 mm. Second opening can be broken out.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Accessories: BNC socket Ø 12.5 mm, art. no. 465010.

- Contents:** With adjustment rings.

Version	Art. no.	PU	PG	Info
black	461395	10/300	1	



Insert for Twinax sockets

For two Twinax sockets Ø 19 mm. Second opening can be broken out.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461397	10/300	1	



Insert for modular jack connector Cat 5

For modular jack Cat 5, RJ 45 connector or AMP connector.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Accessories: Modular jack connector Cat 5, art. no. 465595.

Version	Art. no.	PU	PG	Info
black	461399	10/300	1	



Insert for modular jack connector

For two modular jack connectors Cat 3 For AMP or Thomas & Betts connectors. Second opening can be broken out.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Accessories: Modular jack connector Cat 3, art. no. 465516/18.

Version	Art. no.	PU	PG	Info
black	461398	10/300	1	



Insert for XLR audio plug-in socket

For XLR round connector audio plug-in socket from Binder, Cannon, Neutrik or similar.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461390	10/300	1	



Insert for XLR audio plug

For XLR round connector audio plugs from Binder, Cannon, Neutrik or similar.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461389	10/300	1	

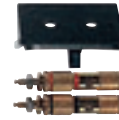


Insert for IBM plug

For 4-pole IBM plug.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461396	10/300	1	



Insert with high-end loudspeaker connector

For loudspeaker connections up to max. 10 mm².

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

- Contents:** With two loudspeaker connectors, gold-plated contacts.

Version	Art. no.	PU	PG	Info
black	461387	5/150	1	



Insert for Thomas & Betts data communication connectors

For data connectors from Thomas & Betts and IBM inserts IBM ACS type G.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461394	10/300	1	



Insert for optical fibre ST connectors

For two optical fibre ST connectors.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461386	10/300	1	



Insert for IBM system ACS type Mini C

For two IBM Advanced Connectivity System (ACS) type Mini C modules.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461385	10/300	1	



Insert for Duplex SC

For two Duplex SC connectors.

- To be completed with:** Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	461381	10/300	1	

Telecommunications



Central plate for telephone socket-outlet ADo

For 4- and 8-pole telephone socket-outlets (art. no. 465104 and 465108).

▶ **Adapters:** Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	293074	5/150	1	
polar white	293098	5/150	1	



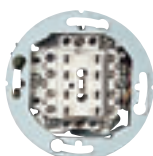
Telephone socket-outlet ADo 4

For connecting analogue terminal units.

▶ **To be completed with:**Central plate for telephone socket-outlet ADo, art. no. System Basis 2930..., OCTOCOLOR 2937...

Accessories: Telephone socket-outlet ADo S 4, art. no. 465404.

Version	Art. no.	PU	PG	Info
4-pole, white	465104	10/40	1	



Telephone socket-outlet ADo 8

Codeable

For connecting analogue terminal units.

▶ **To be completed with:**Central plate for telephone socket-outlet ADo, art. no. System Basis 2930..., OCTOCOLOR 2937...

Accessories: Telephone socket-outlet ADo S 8, art. no. 465408.

▶ **Contents:** A setting knob for coding is included in every pack of 10.

Version	Art. no.	PU	PG	Info
8-pole, white	465108	10/40	1	



Telephone plug ADo S 4

For telephone socket-outlet ADo.

▶ **To be completed with:**Telephone socket-outlet ADo 4, art. no. 465104.

Version	Art. no.	PU	PG	Info
4-pole, white	465404	5/250	1	



Telephone plug ADo S 8

For telephone socket-outlet ADo.

▶ **To be completed with:**Telephone socket-outlet ADo 8, art. no. 465108.

Version	Art. no.	PU	PG	Info
8-pole, white	465408	5/250	1	



Central plate with cable outlet for telephone connector VDo 4

For telephone connector VDo 4 or general cable outlet for cable diameters of max. 10 mm. With strain relief. Without claws, for screw fixing.

▶ **To be completed with:**Telephone connector VDo 4, art. no. 465304.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

▶ **Contents:** With fixing screws for telephone connector VDo 4.

Version	Art. no.	PU	PG	Info
white	392574	5/90	1	
polar white	392519	5/90	1	



Telephone connector VDo 4

For central plate with cable outlet for telephone connector VDo 4.

▶ **To be completed with:**Central plate with cable outlet for telephone connector VDo, art. no. System M 2968..., 2955..., System Basis 3925..., OCTOCOLOR 3927...

Version	Art. no.	PU	PG	Info
4-pole, white	465304	10/40	1	

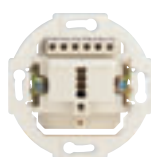


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

▶ **To be completed with:**Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
white	292874	5/150	1	
polar white	292819	5/150	1	



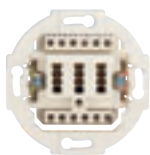
Telephone socket-outlet TAE, 1-gang

For the German market.

For connecting an analogue telephone. With screw terminals. **1x6 F:** 1 telephone

▶ **To be completed with:**Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
1x6 F, white	465206	10/50	1	



Telephone socket-outlet TAE, 3-gang

For the German market.

For connecting analogue telephones/ancillary units.

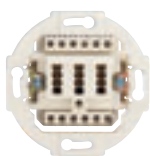
With screw terminals.

2×6/6 NF/F: 2 telephones, 1 ancillary unit

3×6 NFN: 1 telephone, 2 ancillary unit

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
2×6/6 NF/F, white	465226	10/50	1	
3×6 NFN, white	465236	10/50	1	



Telephone socket-outlet TDO 3x10

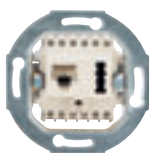
For the Austrian market.

For connecting analogue terminal units.

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938... Intermediate ring for combination inserts in line with DIN 49075, art. no. System M 5185..., 5181..., System Basis 5171..., System Design 5160..., OCTOCOLOR 5168... Intermediate ring with hinged lid for combination inserts in line with DIN 49075, art. no. System M 5186..., 5182..., System Basis 5174...

- Can only be ordered via Merten in Vienna.**

Version	Art. no.	PU	PG	Info
white	465930	1/1	1	



Combination socket-outlet RJ45/TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector. With screw terminals.

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

- Technical Information:** Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	465707	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950..., 6951...)

With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m

Transmission rate: max. 100 Mbit/s

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

- Technical Information:** Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	465709	1/60	1	



Central plate for PTT connection boxes

Suitable for Dutch telephone sockets.

Version	Art. no.	PU	PG	Info
white	293284	5/150	1	
polar white	293249	5/150	1	



Central plate for BELGACOM connection units

Suitable for Belgian telephone socket boxes.

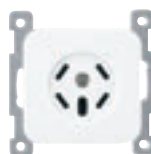
Version	Art. no.	PU	PG	Info
white	292474	5/150	1	
polar white	292419	5/150	1	



Telephone socket insert, 8-pole

For French telephone plugs. With screw fixing.

Version	Art. no.	PU	PG	Info
white	293174	10/40	1	
polar white	293198	10/40	1	



Telephone socket insert, 4-pole

For Swedish telephone plugs. With screw fixing.

Version	Art. no.	PU	PG	Info
polar white	293419	1/60	1	
black grey	293469	1/60	1.1	



Central plate for RJ45 insert, 1-gang

For System Basis.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

- ▶ **To be completed with:** RJ45 insert 8, art. no. 465720. RJ45 insert 8 Cat 5e, art. no. 465721.

Version	Art. no.	PU	PG	Info
white	291774	10/120	1	
polar white	291719	10/120	1	



RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 1-gang, art. no. System M 2962..., 2983..., System Basis 2917..., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 1-gang, art. no. System M 2962..., 2983..., System Basis 2917..., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	

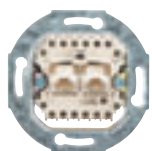


Central plate for RJ45 insert, 2-gang

For System Basis.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

- ▶ **To be completed with:** RJ45 insert 8/8, art. no. 465701. RJ45 insert 2x8, art. no. 465702. RJ45 insert 8/8 Cat 5e, art. no. 465703. RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
white	292774	10/120	1	
polar white	292719	10/120	1	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

■ **Technical Information:** RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	465701	10/40	1	



Line 21 RJ45 insert 8/8

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950..., 6951...)

With 4 screw terminals for the installation line and 2 for analogue telephony.

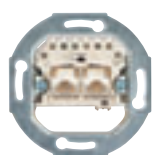
Cable length: max. 50 m

Transmission rate: max. 100 Mbit/s

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

■ **Technical Information:** Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

■ **Technical Information:** RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	465702	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	465703	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	465706	1/50	1	



Central plate for RJ 11/RJ 45 insert, 1-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	292219	5/150	1	



Central plate for RJ 11/RJ 45 insert, 2-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	291919	5/150	1	

Data technology



Blanking cover for special communication/EDP version

- Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	460074	10/180	1	
polar white	460019	10/180	1	



Central plate for D-type plug connectors, 9-pole

For D-type plug, 9-pole.
Without claws, for screw fixing.

- Accessories: D-type socket connector, 9-pole, art. no. 465009.

Version	Art. no.	PU	PG	Info
white	460174	5/150	1	
polar white	460119	5/150	1	



D-type socket connector, 9-pole

Solder connection max. 0.6 mm².

- To be completed with: Central plate for D-type subminiature connector, 9-pole, art. no. System M 4676..., 4681..., System Basis 4601... Insert for D-type subminiature connector, 9-pole, art. no. System M 464391, System Basis 461391, System Design 464391, OCTOCOLOR 463391.

- Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
9-pole	465009	5/500	1	



Central plate for D-type plug connectors, 15-pole

For D-type plug, 15-pole.
Without claws, for screw fixing.

- Accessories: D-type socket connector, 15-pole, art. no. 465015.

Version	Art. no.	PU	PG	Info
white	460274	5/150	1	
polar white	460219	5/150	1	



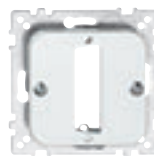
D-type socket connector, 15-pole

Solder connection max. 0.6 mm².

- To be completed with: Central plate for D-type subminiature connector, 15-pole, art. no. System M 4677..., 4682..., System Basis 4602... Insert for D-type subminiature connector, 15-pole, art. no. System M 464392, System Basis 461392, System Design 464392, OCTOCOLOR 463392.

- Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
15-pole	465015	5/500	1	

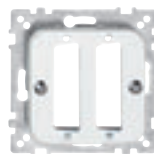


Central plate for D-type plug connectors, 25-pole

For D-type plug, 25-pole.
Without claws, for screw fixing.

- Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
white	460374	5/150	1	
polar white	460319	5/150	1	



Central plate for two D-type plug connectors, 25-pole

For D-type plug, 25-pole.
Without claws, for screw fixing.

- Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
white	460474	5/150	1	
polar white	460419	5/150	1	



D-type socket connector, 25-pole

Solder connection max. 0.6 mm².

- To be completed with: Central plate for D-type subminiature connector, 25-pole, art. no. System M 4678..., 4683..., System Basis 4603... Insert for D-type subminiature connector, 25-pole, art. no. System M 464393, System Basis 461393, System Design 464393, OCTOCOLOR 463393.

- Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
25-pole	465025	5/500	1	



Central plate for BNC/TNC socket

For BNC socket Ø 12.5 mm

- Accessories: BNC socket Ø 12.5 mm, art. no. 465010.
- Contents: With 4 adjustment rings for connectors Ø 9.5 mm.

Version	Art. no.	PU	PG	Info
white	460574	10/40	1	
polar white	460519	10/40	1	

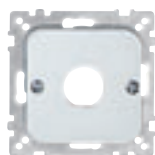


BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

- To be completed with: Central plate for BNC/TNC socket, art. no. System M 4691..., 4685..., 4686..., System Basis 4605... Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	



Central plate for Twinax socket

For Twinax socket Ø 19 mm.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
white	460774	5/150	1	
polar white	460719	5/150	1	

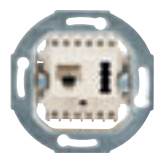


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

- To be completed with: Telephone socket-outlet TAE, art. no. 4652... Loudspeaker connection insert art. no. 4670... USB interface, flush-mounted, art. no. 681799. Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
white	292874	5/150	1	
polar white	292819	5/150	1	



Combination socket-outlet RJ45/TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector. With screw terminals.

- To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

- Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	465707	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950..., 6951...)

With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m

Transmission rate: max. 100 Mbit/s

- To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

- Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	465709	1/60	1	



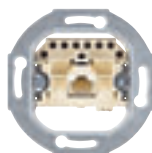
Central plate for RJ45 insert, 1-gang

For System Basis.

For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

- To be completed with: RJ45 insert 8, art. no. 465720. RJ45 insert 8 Cat 5e, art. no. 465721.

Version	Art. no.	PU	PG	Info
white	291774	10/120	1	
polar white	291719	10/120	1	



RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.

With screw terminals.

- To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962..., 2983..., System Basis 2917..., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.

Connection via LSA terminals.

- To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962..., 2983..., System Basis 2917..., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	

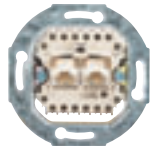


Central plate for RJ45 insert, 2-gang

For System Basis.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

- To be completed with:** RJ45 insert 8/8, art. no. 465701. RJ45 insert 2x8, art. no. 465702. RJ45 insert 8/8 Cat 5e, art. no. 465703. RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
white	292774	10/120	1	
polar white	292719	10/120	1	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

- To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	465701	10/40	1	



Line 21 RJ45 insert 8/8

With integrated Line 21 technology.

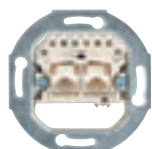
For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950..., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

- To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

- To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	465702	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

- To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	465703	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

- To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	465706	1/50	1	



Central plate for RJ 11/RJ 45 insert, 1-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	292219	5/150	1	



Central plate for RJ 11/RJ 45 insert, 2-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	291919	5/150	1	



Central plate for modular jack connector

For two modular jack connectors Cat 3.
For AMP or Thomas & Betts connectors.
Without claws, for screw fixing.

- To be completed with:** Modular jack connector Cat 3, art. no. 465516/18.
- Technical Information:** Data technology via central plate, art. no. 2929..., 2957.. (⇒ p. 488)
- Contents:** With sealing plug for one opening.

Version	Art. no.	PU	PG	Info
white	292974	5/150	1	
polar white	292919	5/150	1	



Central plate for modular jack connector with shut-off slide

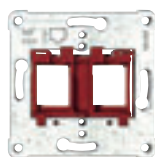
Suitable for the supporting plates for modular jack connectors. With two openings and shut-off slide. With labelling field.

▶ **To be completed with:** Supporting plate for modular jack connector, art. no. 4615...

Adapters: Can be integrated into System Design using the adapter, art. no. 5180..., and into the OCTOCOLOR range using the adapter, 5170...

■ **Technical Information:** Data technology via central plate, art. no. 4615..., 4617.. (⇒ p. 487)

Version	Art. no.	PU	PG	Info
white	461524	5/200	1	
polar white	461518	5/200	1	



Supporting plates for modular jack connector

Suitable for communication connectors. Supporting plate (art. no. 461590) for Cat 3 modular jack connector and supporting plate (art. no. 461593) for Cat 5 modular jack connector.

▶ **To be completed with:** Central plate for modular jack connector with shut-off slide, art. no. System M 4619..., 4617..., System Basis 4615...

Accessories: Modular jack connector Cat 3, art. no. 465516/18. Modular jack connector Cat 5, art. no. 465595.

■ **Technical Information:** Data technology via central plate, art. no. 4615..., 4617.. (⇒ p. 487)

Version	Art. no.	PU	PG	Info
red	461590	4/240	1	
transparent	461591	4/240	1	
black	461592	4/240	1	
yellow	461593	4/240	1	
green	461594	4/240	1	



Modular jack connector, Cat 3

WE Western type. In line with US FCC 86, Cat 3. Connection with IDC clamping method.

Pin configuration Telecom/ISDN modular jack/8-pole: 1a/4, 1b/5, 2a/3, 2b/6.

▶ **To be completed with:** Supporting plate for modular jack connector, art. no. 461590. Insert for modular jack connector, art. no. System M 464398, System Basis 461398, System Design 464398, OCTOCOLOR 463398. Central plate for modular jack connector, art. no. System M 2901..., 2957..., System Basis 2929...

Version	Art. no.	PU	PG	Info
6-pole RJ 11/ Cat. 3, black	465516	5/250	1	
8-pole RJ 45/ Cat. 3, black	465518	5/250	1	



Modular jack connector, Cat 5

WE Western type. In line with US FCC 86, Cat 5. Connection via LSA terminals.

▶ **To be completed with:** Supporting plate for modular jack connector, art. no. 461593. Insert for modular jack connector, art. no. System M 464399, System Basis 461399, System Design 464399, OCTOCOLOR 463399.

Version	Art. no.	PU	PG	Info
8-pole RJ 45/ Cat. 5, black	465595	5/200	1	



Central plate for AMP-ACO

For AMP communications system insert. Suitable for all adapter inserts.

Version	Art. no.	PU	PG	Info
white	461424	5/225	1	
polar white	461418	5/225	1	

TV/audio



Loudspeaker socket-outlet insert

With 2 separate loudspeaker sockets in accordance with DIN 41529.

Second opening can be broken out. With screw connections (up to 2.5 mm²).

Version	Art. no.	PU	PG	Info
white	294974	10/40	1	
polar white	294919	10/40	1	

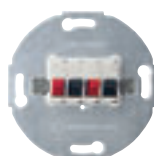


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

▶ **To be completed with:** Telephone socket-outlet TAE, art. no. 4652... Loudspeaker connection insert art. no. 4670... USB interface, flush-mounted, art. no. 681799. Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
white	292874	5/150	1	
polar white	292819	5/150	1	



Loudspeaker connection insert, 2-gang

The poles are labelled in different colours. Conductor cross-section up to max. 10 mm².

With quick plug-in terminals. With screw terminals on the back.

▶ **To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
polar white	467019	10/50	1	
anthracite	467014	10/50	1	



Central plate for antenna socket-outlets

For AEG, Astro, Bosch, Fuba, Hirschmann, Kathrein, Philips, Polytron, Siemens, Wisi, Zehnder etc. Third opening can be broken open for satellite socket.

- To be completed with:** Broadband cable/satellite through-way box, 2-gang, art. no. 466098. Broadband cable/satellite branch-circuit box, 2-gang, art. no. 466099. Satellite antenna socket-outlet, 3-gang, art. no. 466097.

Version	Art. no.	PU	PG	Info
white	294874	5/150	1	
polar white	294819	5/150	1	



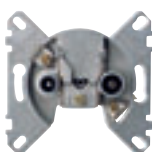
Broadband cable/satellite through-way box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for loop-through systems in broadband cable, communal aerial and satellite distribution systems. Suitable for flush-mounted boxes of Ø 55-65 mm. With claw and screw fixing.

- To be completed with:** Central plate for antenna socket-outlet, art. no. System M 2967..., 2975..., System Basis 2948..., System Design 2941..., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466098	1/54	1	



Broadband cable/satellite antenna branch-circuit box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for branch-circuit and star-type distribution systems in broadband cable, communal aerial and satellite distribution systems. With DC transmission via the TV connection. Suitable for flush-mounted boxes of Ø 55-65 mm.

With claw and screw fixing.

DC transmission: max. 24 V/400 mA

Signal: 22 kHz and DiSEqC

- To be completed with:** Central plate for antenna socket-outlet, art. no. System M 2967..., 2975..., System Basis 2948..., System Design 2941..., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466099	1/54	1	



Satellite antenna socket-outlet, 3-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Single satellite socket-outlet, 3-gang. For individual branch-circuit and star-type distribution systems in communal aerial and satellite distribution systems. With DC transmission via the satellite connection. Suitable for flush-mounted boxes of Ø 55-65 mm.

With claw and screw fixing.

DC transmission: max. 24 V/320 mA

Signal: 22 kHz and DiSEqC



- To be completed with:** Central plate for antenna socket-outlet, art. no. System M 2967..., 2975..., System Basis 2948..., System Design 2941..., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466097	1/54	1	



Central plate for Hirschmann 4-gang antenna socket-outlets

The central plate must be completed with the 4-gang antenna socket-outlet, art. no. GEVU 15S or EVU 02F from Hirschmann.

Version	Art. no.	PU	PG	Info
white	464774	10/240	1	
polar white	464719	10/240	1	



Central plate for Ankaro 4-gang antenna socket-outlets

The central plate is to be completed with the 4-gang antenna socket-outlet (art. no. SAT 400 EAS DC) from Ankaro. Also suitable for antenna socket-outlet GUT 400 from Astro.

Version	Art. no.	PU	PG	Info
white	464874	10/240	1	
polar white	464819	10/240	1	



Central plate for BNC/TNC socket

For BNC socket Ø 12.5 mm

- Accessories:** BNC socket Ø 12.5 mm, art. no. 465010.

- Contents:** With 4 adjustment rings for connectors Ø 9.5 mm.

Version	Art. no.	PU	PG	Info
white	460574	10/40	1	
polar white	460519	10/40	1	



BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

- To be completed with:** Central plate for BNC/TNC socket, art. no. System M 4691..., 4685..., 4686..., System Basis 4605... Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	



Central plate for XLR audio plug connector

For XLR round connector audio plug-in socket from Binder, Cannon, Neutrik or similar.

Version	Art. no.	PU	PG	Info
white	460874	5/150	1	
polar white	460819	5/150	1	



Central plate for XLR audio plug

For XLR round audio plug connectors from Binder, Cannon or similar.

Version	Art. no.	PU	PG	Info
white	460974	5/150	1	
polar white	460919	5/150	1	



Central plate for standard circular connector

For 3- to 12-pole sockets or plugs, Ø 30 mm.

Contents: With two fixing screws to secure the connector.

Version	Art. no.	PU	PG	Info
white	461174	5/150	1	
polar white	461119	5/150	1	



Central plate for EURO AV plug-in socket

SCART socket in line with DIN-EN 50049.

Connection between television and peripheral devices such as video recorder, satellite receiver, game console, video camera, PC etc. Contacts with solder connections.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Contents: With socket and supporting plate for screw fixing.

Version	Art. no.	PU	PG	Info
white	461274	5/120	1	
polar white	461219	5/120	1	

Accessories



Symbols, oval

For rockers and switches with oval opening.

Version	Art. no.	PU	PG	Info
neutral, white	395530	100/4000	1	
light, white	395630	100/4000	1	
door, white	395730	100/4000	1	
bell, white	395830	100/4000	1	
neutral, clear	395568	100/4000	1	
light, clear	395668	100/4000	1	
door, clear	395768	100/4000	1	
bell, clear	395868	100/4000	1	
neutral, red transp.	395930	100/4000	1	



Adapter

Inserts for System Basis can be integrated into System Design with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	518044	10/300	1	
polar white	518019	10/300	1	
vanilla	518082	10/300	1.2	
ice blue	518088	10/300	1.2	
light grey	518029	10/300	1.2	
midnight blue	518078	10/300	1.2	
dark brazil	518015	10/300	1.2	
black grey	518069	10/300	1.2	
aluminium	518060	10/300	1.2	
metallic				
varnished stainless steel	518046	10/300	1.2	



Adapter

Inserts for System Basis can be integrated into the OCTOCOLOR range with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	517094	10/300	1	
polar white	517099	10/300	1	
metallic				
varnished bronze metallic	517042	10/300	1.2	
varnished titanium	517005	10/300	1.2	

Inserts for the ATELIER range can be found under "System Basis/Inserts".

- Material: Highly scratch-resistant duroplastic range.
- Technical Information: System Basis dimensions (⇒ p. 425)

ATELIER frames

- Suitable for installation in trunking systems.



ATELIER frame, 1-gang

Version	Art. no.	PU	PG	Info
white	397174	10/220	1	
polar white	397119	10/220	1	



ATELIER frame, 1-gang

Version	Art. no.	PU	PG	Info
polar white	395119	10/180	1	



ATELIER frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	397274	10/120	1	
polar white	397219	10/120	1	



ATELIER frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
polar white	395219	10/90	1	



ATELIER frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	397374	10/130	1	
polar white	397319	10/80	1	



ATELIER frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
polar white	395319	10/60	1	



ATELIER frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	397474	10/60	1	
polar white	397419	10/60	1	



ATELIER frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	397574	1/38	1	
polar white	397519	1/38	1	



SCHUKO Kanalflex socket-outlet 68 x 68 mm

16 A, AC 250 V, DIN 49440

For square cutouts from 60 to 63.5 mm and round hole installation Ø 45 mm and Ø 65 mm. With screw terminals.

- Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	274464	10/50	1	
polar white	274468	10/50	1	



SCHUKO Kanalflex double socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
polar white	272068	2/36	1	



Kanalflex frame 68 x 68 mm

For square cutouts from 60 to 63.5 mm and round hole installation Ø 65 mm.

Version	Art. no.	PU	PG	Info
white	397184	5/150	1	
polar white	397188	5/150	1	

Surface-mounted housing for ATELIER

- **Duroplastic version.**
- Suitable mini trunking (15x15 mm) is supplied by the trunking manufacturer.

Technical Information: Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	511174	1/40	1.5	
polar white	511119	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	511274	1/20	1.5	
polar white	511219	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	511374	1/15	1.5	
polar white	511319	1/15	1.5	



Junction box

400 V

Empty box for nominal cross-section 2.5 mm². With enclosed base and 6 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: Complete device with 3 mini-trunking entries (15 mm).

Version	Art. no.	PU	PG	Info
white	511074	1/40	1.5	
polar white	511019	1/40	1.5	



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	535162	20/2000	1.5	
polar white	535160	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	535062	10/1000	1.5	
polar white	535060	10/1000	1.5	

JUMBO, the big switch

The all-round functional switch, conspicuously large. Can replace any standard one-way or two-way switch.



JUMBO, the big switch

10 AX, AC 250 V

In ATELIER design. In existing stand-alone devices such as on/off, two-way and intermediate switches from the Merten ranges, only frame and rocker must be exchanged for the JUMBO top unit.

Dimensions: 165 x 165 x 45 mm (HxWxD)

Contents: Complete device with two-way switch.

Version	Art. no.	PU	PG	Info
ruby red	310696	1/6	1.1	

Switches



Heating emergency switch

10 AX, AC 250 V

With red inspection window and imprint "Heating emergency switch".

Contents: Complete device with neon lamp.

Version	Art. no.	PU	PG	Info
two-way, white	325674	10/40	1	
one-way, 2-pole, white	325274	10/40	1	



Heating emergency switch

16 AX, AC 400 V

With red inspection window and imprint "Heating emergency switch".

Contents: Complete device with neon lamp.

Version	Art. no.	PU	PG	Info
one-way, 3-pole, white	325374	10/40	1	



Two-way pull-cord switch

10 AX, AC 250 V

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	316674	10/40	1	



Two-way pull-cord switch

10 AX, AC 250 V

Without claws, for screw fixing.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	316684	10/40	1	
polar white	316649	10/40	1	



Pull-cord switch

10 AX, AC 250 V

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	316874	10/40	1	

Dimmers

Technical Information: Dimmer selection (⇒ p. 450)



ATELIER dimmer with pressure-operated one-way switch for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.



With pressure-operated one-way switch. **(Phase control).**

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	572174	1/60	8	
60-400 W, polar white	572119	1/60	8	



ATELIER dimmer for ohmic load AC 230 V

For incandescent lamps and 230 V halogen lamps.

With pressure-operated two-way switch.
(Phase control).



■ **Technical Information:** Phase control dimmer for ohmic loads
(⇒ p. 453)

■ **Contents:** Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	572474	1/60	8	
60-600 W, halogen 500 W, white	572274	1/60	8	

SCHUKO socket-outlets



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

■ **Contents:** Complete device.

Version	Art. no.	PU	PG	Info
white	230474	10/40	1	
polar white	230419	10/40	1	



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

■ **Contents:** Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	270474	10/40	1	
polar white	270419	10/40	1	



SCHUKO socket-outlet with two-way switch

Suitable for a size 60 mounting box.
With screw terminals.

Socket-outlet: 16 A, AC 250 V, DIN 49440

Two-way switch: 16 A, AC 250 V

■ **Contents:** Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	272574	10/40	1	



SCHUKO e.l.c.b.-protected socket-outlet with hinged lid and improved protection against accidental contact

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").

Constructed in accordance with VDE 0664 (EN 61008). For the improvement of safety in existing installations according to VDE 0100 Part 410. Output to connect further loads.

For integration into a size 60 mounting box.

The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

Voltage: AC 230 V

Fault current: 30 mA

Max. current: 16 A

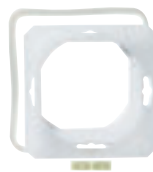
Short-circuit withstand capability: 3000 A

Type of protection: IP 20

■ **Accessories:** Gasket set, art. no. 232990.

■ **Contents:** Complete device.

Version	Art. no.	PU	PG	Info
polar white	232999	1/24	8.1	



Gasket set

The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

■ **To be completed with:** System Basis SCHUKO e.l.c.b.-protected socket-outlet with hinged lid, art. no. 232999.

Version	Art. no.	PU	PG	Info
Gasket set	232990	1/70	1	



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

Suitable for a size 60 installation box.

With plug-in terminals.

■ **Contents:** Complete device.

Version	Art. no.	PU	PG	Info
white	231094	5/60	1	
polar white	231099	5/30	1	



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In ATELIER design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.
Suitable for two independent circuits.
With plug-in terminals.

Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
polar white	232019	5/30	1	



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In ATELIER design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	232444	5/30	1	
polar white	232419	5/30	1	



SCHUKO triple socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
For integration into a double mounting box.
Suitable for two independent circuits.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
polar white	231819	4/24	1	



SCHUKO 4-gang socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
For surface mounting.
With plug-in terminals.

Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
polar white	235819	3/21	1.5	

Socket-outlets

Socket-outlet inserts for international markets.



Double socket-outlet without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

Suitable for **one** size 60 mounting box.
With plug-in terminals.
Without claws, for screw fixing.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	211194	5/30	1	
polar white	211199	5/30	1	



Socket-outlet without earthing contact

16 A, AC 250 V, DIN 49440

With screw terminals.
Without claws, for screw fixing.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	210084	10/40	1	



Socket-outlet with two-way switch, without earthing contact

Suitable for size 60 mounting boxes.
Socket-outlet: 16 A, AC 250 V, DIN 49440.
Two-way switch: 10 A, AC 250 V.
With screw terminals.
Without claws, for screw fixing.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	212084	10/40	1	
polar white	212049	10/40	1	



British Standard socket-outlet

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.
With full cover plate but without switch and control lamp.

Suitable for a size 60 mounting box.

Version	Art. no.	PU	PG	Info
white	202674	2/60	1	



British Standard socket-outlet

13 A, AC 250 V, 2-pole + E

In ATELIER design.

Improved protection against accidental contact in accordance with BS 1363.

With full cover plate and switch.

Version	Art. no.	PU	PG	Info
white	202774	2/60	1	

Inserts for the M1 range can be found under "System Basis/ Inserts".

- Material: Highly scratch-resistant duroplastic range.
- Technical Information: System Basis dimensions (⇒ p. 425)

M1 frames

- Suitable for installation in trunking systems.



M1 frame, 1-gang

Version	Art. no.	PU	PG	Info
white	397124	10/220	1	
polar white	397118	10/220	1	



M1 frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	397224	10/120	1	
polar white	397218	10/120	1	



M1 frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	397324	10/80	1	
polar white	397318	10/80	1	



M1 frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	397424	10/60	1	
polar white	397418	10/60	1	



M1 frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	397524	1/38	1	
polar white	397518	1/38	1	

M1 frames, with labelling option

- Suitable for installation in trunking systems.



M1 frame, 1-gang, with labelling option

- Accessories: Labelling strips for M1 frames with labelling option, art. no. 397100.
- Contents: 2 self-adhesive labelling strips and 2 self-adhesive windows per frame.

Version	Art. no.	PU	PG	Info
white	397198	10/180	1	
polar white	397199	10/180	1	



M1 frame, 2-gang, with labelling option

- Accessories: Labelling strips for M1 frames with labelling option, art. no. 397100.
- Contents: 4 self-adhesive labelling strips and 4 self-adhesive windows per frame.

Version	Art. no.	PU	PG	Info
vertical installation, white	397296	10/100	1	
vertical installation, polar white	397297	10/100	1	
horizontal installation, white	397298	10/100	1	
horizontal installation, polar white	397299	10/100	1	



M1 frame, 3-gang, with labelling option

- ▶ **Accessories:** Labelling strips for M1 frames with labelling option, art. no. 397100.
- ▶ **Contents:** 6 self-adhesive labelling strips and 6 self-adhesive windows per frame.

Version	Art. no.	PU	PG	Info
vertical installation, white	397396	10/60	1	
vertical installation, polar white	397397	10/60	1	
horizontal installation, white	397398	10/60	1	
horizontal installation, polar white	397399	10/60	1	



Labelling strips for M1 frames with labelling option

For individual labelling of M1 frames with labelling option. Self-adhesive.

- ▶ **Accessories:** Labelling software, art. no. 615022.
- ▶ **Contents:** 1 sheet for 36 windows.

Version	Art. no.	PU	PG	Info
polar white	397100	1/100	1	

Surface-mounted housing for M-SMART, M1, ARTEC, OCTO-COLOR

- **Thermoplastic version.**
- Suitable mini trunking (15x15 mm) is supplied by the trunking manufacturer.

■ **Technical Information:** Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

■ **Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	512144	1/40	1.5	
polar white	512119	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

■ **Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	512244	1/20	1.5	
polar white	512219	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

■ **Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	512344	1/15	1.5	
polar white	512319	1/15	1.5	



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	535162	20/2000	1.5	
polar white	535160	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	535062	10/1000	1.5	
polar white	535060	10/1000	1.5	

Switches



Heating emergency switch

10 AX, AC 250 V

With red inspection window and imprint "Heating emergency switch".

Contents: Complete device with neon lamp.

Version	Art. no.	PU	PG	Info
two-way, white	325624	10/40	1	
one-way, 2-pole, white	325224	10/40	1	



Heating emergency switch

16 AX, AC 400 V

With red inspection window and imprint "Heating emergency switch".

Contents: Complete device with neon lamp.

Version	Art. no.	PU	PG	Info
one-way, 3-pole, white	325324	10/40	1	



Two-way pull-cord switch

10 AX, AC 250 V

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	316624	10/40	1	

Dimmers

Technical Information: Dimmer selection (⇒ p. 450)



M1 dimmer with pressure-operated one-way switch for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.



With pressure-operated one-way switch. **(Phase control).**

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	572124	1/60	8	



M1 dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.



With pressure-operated two-way switch. **(Phase control).**

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Contents: Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	572424	1/60	8	
60-600 W, halogen 500 W, white	572224	1/60	8	

SCHUKO socket-outlets and accessories



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	230424	10/40	1	
polar white	230418	10/40	1	



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	270424	10/40	1	
polar white	270418	10/40	1	



SCHUKO socket-outlet with two-way switch

Suitable for a size 60 mounting box.
With screw terminals.
Socket-outlet: 16 A, AC 250 V, DIN 49440
Two-way switch: 16 A, AC 250 V

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	272524	10/40	1	
polar white	272518	10/40	1	



SCHUKO e.l.c.b.-protected socket-outlet with hinged lid and improved protection against accidental contact

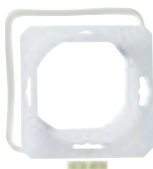
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Constructed in accordance with VDE 0664 (EN 61008). For the improvement of safety in existing installations according to VDE 0100 Part 410. Output to connect further loads.
For integration into a size 60 mounting box.
The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

Voltage: AC 230 V
Fault current: 30 mA
Max. current: 16 A
Short-circuit withstand capability: 3000 A
Type of protection: IP 20

Accessories: Gasket set, art. no. 232990.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
polar white	232999	1/24	8.1	



Gasket set

The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

To be completed with: System Basis SCHUKO e.l.c.b.-protected socket-outlet with hinged lid, art. no. 232999.

Version	Art. no.	PU	PG	Info
Gasket set	232990	1/70	1	



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

Suitable for a size 60 installation box.
With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	231024	5/60	1	
polar white	231018	5/30	1	



SCHUKO double socket-outlet, flat design

16 A, AC 250 V, DIN 49440
For integration into a double mounting box.
With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	231424	2/30	1	
polar white	231418	2/30	1	



SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Note: For cavity wall installation: Use special box, art. no. 9062 from the Kaiser company in Schalksmühle, Germany.

Contents: Complete device with double mounting box and fixing screws.

Version	Art. no.	PU	PG	Info
white	231224	5/30	1	
polar white	231218	5/30	1	

Socket-outlets

Socket-outlet inserts for international markets.



Socket-outlet without earthing contact

16 A, AC 250 V, DIN 49440
With screw terminals.
Without claws, for screw fixing.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	210024	10/40	1	
polar white	210018	10/40	1	



Socket-outlet with two-way switch, without earthing contact

Suitable for size 60 mounting boxes.
 Socket-outlet: 16 A, AC 250 V, DIN 49440.
 Two-way switch: 10 A, AC 250 V.
 With screw terminals.
 Without claws, for screw fixing.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	212024	10/40	1	
polar white	212018	10/40	1	



Double socket-outlet without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

Suitable for **one** size 60 mounting box.
 With plug-in terminals.
 Without claws, for screw fixing.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	211124	5/30	1	
polar white	211118	5/30	1	