

Inserts for the M-SMART range can be found under "System M/ Inserts". We recommend using inserts in white, polar white and active white.

- ▶ **Thermoplastic brilliant:** Shatter-proof material with high gloss finish. The version "active white glossy" also contains an antibacterial substance.
- ▶ **Thermoplastic classy matt:** Shatter-proof material with high-quality matt finish.
- ▶ **Duroplastic, highly scratch-resistant:** Highly scratch-resistant material with glossy finish. Not all inserts are available in duroplastic, in these cases you should use thermoplastic brilliant.
- **Technical Information:** System M dimensions (⇒ p. 422)

M-SMART frames

- Also suitable for installation in trunking systems.
- IP 44 in conjunction with splash-proof inserts, such as rocker art. no. 4330...



M-SMART frame, 1-gang

Version	Art. no.	PU	PG	Info
▶ Thermoplastic brilliant				
white, glossy	478144	10/300	1	
polar white, glossy	478119	10/300	1	
active white, glossy	478125	10/300	1	
▶ Thermoplastic classy matt				
white	484144	10/300	1	
polar white	484119	10/300	1	
▶ Duroplastic, highly scratch-resistant				
white	462144	10/220	1	
polar white	462119	10/220	1	



M-SMART frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
▶ Thermoplastic brilliant				
white, glossy	478244	10/200	1	
polar white, glossy	478219	10/200	1	
active white, glossy	478225	10/200	1	
▶ Thermoplastic classy matt				
white	484244	10/200	1	
polar white	484219	10/200	1	
▶ Duroplastic, highly scratch-resistant				
white	462244	10/120	1	
polar white	462219	10/120	1	



M-SMART frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
▶ Thermoplastic brilliant				
white, glossy	478344	10/60	1	
polar white, glossy	478319	10/60	1	
active white, glossy	478325	10/60	1	
▶ Thermoplastic classy matt				
white	484344	10/60	1	
polar white	484319	10/60	1	
▶ Duroplastic, highly scratch-resistant				
white	462344	10/80	1	
polar white	462319	10/80	1	



M-SMART frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
▶ Thermoplastic brilliant				
white, glossy	478444	2/44	1	
polar white, glossy	478419	2/44	1	
active white, glossy	478425	2/44	1	
▶ Thermoplastic classy matt				
white	484444	2/44	1	
polar white	484419	2/44	1	
▶ Duroplastic, highly scratch-resistant				
white	462444	2/44	1	
polar white	462419	2/44	1	



M-SMART frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
▶ Thermoplastic brilliant				
white, glossy	478544	1/38	1	
polar white, glossy	478519	1/38	1	
active white, glossy	478525	1/38	1	
▶ Thermoplastic classy matt				
white	484544	1/38	1	
polar white	484519	1/38	1	
▶ Duroplastic, highly scratch-resistant				
white	462544	1/38	1	
polar white	462519	1/38	1	

M-SMART frames with labelling bracket

- Also suitable for installation in trunking systems.



M-SMART frame, 1-gang with labelling bracket

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

- ▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
- ▣ **Contents:** 1 labelling strip and 1 window per frame.

Version	Art. no.	PU	PG	Info
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▣ Thermoplastic brilliant

white, glossy	470144	2/176	1	
polar white, glossy	470119	2/176	1	
active white, glossy	470125	2/176	1	

▣ Thermoplastic classy matt

white	474144	2/176	1	
polar white	474119	2/176	1	

- ▣ **Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant**



M-SMART frame, 2-gang with labelling bracket, vertical installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

- ▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
- ▣ **Contents:** 2 labelling strips and 2 windows per frame.

Version	Art. no.	PU	PG	Info
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▣ Thermoplastic brilliant

white, glossy	470244	2/96	1	
polar white, glossy	470219	2/96	1	
active white, glossy	470225	2/96	1	

▣ Thermoplastic classy matt

white	474244	2/96	1	
polar white	474219	2/96	1	

- ▣ **Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant**



M-SMART frame, 3-gang with labelling bracket, vertical installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

- ▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
- ▣ **Contents:** 3 labelling strips and 3 windows per frame.

Version	Art. no.	PU	PG	Info
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▣ Thermoplastic brilliant

white, glossy	470344	2/64	1	
polar white, glossy	470319	2/64	1	
active white, glossy	470325	2/64	1	

▣ Thermoplastic classy matt

white	474344	2/64	1	
polar white	474319	2/64	1	

- ▣ **Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant**



M-SMART frame, 4-gang with labelling bracket, vertical installation

For the clear identification of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

- ▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
- ▣ **Contents:** 4 labelling strips and 4 windows per frame.

Version	Art. no.	PU	PG	Info
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▣ Thermoplastic brilliant

white, glossy	470444	2/44	1	
polar white, glossy	470419	2/44	1	
active white, glossy	470425	2/44	1	

▣ Thermoplastic classy matt

white	474444	2/44	1	
polar white	474419	2/44	1	

- ▣ **Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant**



M-SMART frame, 5-gang with labelling bracket, vertical installation

For the clear identification of inserts. When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.

▣ **Contents:** 5 labelling strips and 5 windows per frame.

Version	Art. no.	PU	PG	Info
▣ Thermoplastic brilliant				
white, glossy	470544	1/38	1	
polar white, glossy	470519	1/38	1	
active white, glossy	470525	1/38	1	
▣ Thermoplastic classy matt				
white	474544	1/38	1	
polar white	474519	1/38	1	

▣ **Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant**



M-SMART frame, 2-gang with labelling bracket, horizontal installation

For clear labelling of inserts. When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.

▣ **Contents:** 2 labelling strips and 2 windows per frame.

Version	Art. no.	PU	PG	Info
▣ Thermoplastic brilliant				
white, glossy	471244	2/96	1	
polar white, glossy	471219	2/96	1	
active white, glossy	471225	2/96	1	
▣ Thermoplastic classy matt				
white	473244	2/96	1	
polar white	473219	2/96	1	

▣ **Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant**



M-SMART frame, 3-gang with labelling bracket, horizontal installation

For clear labelling of inserts. When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.

▣ **Contents:** 3 labelling strips and 3 windows per frame.

Version	Art. no.	PU	PG	Info
▣ Thermoplastic brilliant				
white, glossy	471344	2/64	1	
polar white, glossy	471319	2/64	1	
active white, glossy	471325	2/64	1	
▣ Thermoplastic classy matt				
white	473344	2/64	1	
polar white	473319	2/64	1	

▣ **Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant**



M-SMART frame, 4-gang with labelling bracket, horizontal installation

For clear labelling of inserts. When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.

▣ **Contents:** 4 labelling strips and 4 windows per frame.

Version	Art. no.	PU	PG	Info
▣ Thermoplastic brilliant				
white, glossy	471444	2/44	1	
polar white, glossy	471419	2/44	1	
active white, glossy	471425	2/44	1	
▣ Thermoplastic classy matt				
white	473444	2/44	1	
polar white	473419	2/44	1	

▣ **Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant**



M-SMART frame, 5-gang with labelling bracket, horizontal installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

▣ **Accessories:** Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.

▣ **Contents:** 5 labelling strips and 5 windows per frame.

Version	Art. no.	PU	PG	Info
▣ Thermoplastic brilliant				
white, glossy	471544	1/38	1	
polar white, glossy	471519	1/38	1	
active white, glossy	471525	1/38	1	

▣ Thermoplastic classy matt				
white	473544	1/38	1	
polar white	473519	1/38	1	

▣ **Duroplastic, highly scratch-resistant:** With this article, use thermoplastic brilliant



Labelling strips for M-SMART frame with labelling bracket

For individual labelling of the M-SMART frames with labelling option.

▣ **Accessories:** Labelling software, art. no. 615022.

▣ **Contents:** 1 sheet for 36 windows.

Version	Art. no.	PU	PG	Info
polar white	484100	1/100	1	

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

- **Shatter-proof 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	

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 M-SMART 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: 161x161x32 mm (HxWxD)

Contents: Complete device with two-way switch.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	433619	1/6	1	

SCHUKO socket-outlets



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	239244	10/40	1	
polar white, glossy	239219	10/40	1	
active white, glossy	239225	10/40	1	
Thermoplastic classy matt				
white	230144	10/40	1	
polar white	230119	10/40	1	
Duroplastic, highly scratch-resistant				
white	230544	10/40	1	
polar white	230519	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
Thermoplastic brilliant				
white, glossy	279244	10/40	1	
polar white, glossy	279219	10/40	1	
active white, glossy	279225	10/40	1	
Thermoplastic classy matt				
white	270144	10/40	1	
polar white	270119	10/40	1	
Duroplastic, highly scratch-resistant				
white	270344	10/40	1	
polar white	270319	10/40	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
Thermoplastic brilliant				
white, glossy	233644	2/30	1	
polar white, glossy	233619	2/30	1	
active white, glossy	233625	2/30	1	
Thermoplastic classy matt				
white	231344	2/30	1	
polar white	231319	2/30	1	
Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant				



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 with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	239344	5/30	1	
polar white, glossy	239319	5/30	1	
active white, glossy	239325	5/30	1	
Thermoplastic classy matt				
white	231144	5/30	1	
polar white	231119	5/30	1	
anthracite	231114	5/30	1.1	
aluminium	231160	5/30	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In M-SMART 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
Thermoplastic brilliant				
polar white, glossy	239419	5/30	1	
active white, glossy	239425	5/30	1	
Thermoplastic classy matt				
polar white	232319	5/30	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO double 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 oval mounting boxes (1 1/2) e.g. from Attema, HAF, Elko.

With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	230744	4/32	1	
polar white, glossy	230719	4/32	1	
Thermoplastic classy matt				
white	231744	4/32	1	
polar white	231719	4/32	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Combination SCHUKO socket-outlet/two-way switch

Suitable for size 60 mounting boxes.
SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.

Two-way switch: 10 A, AC 250 V.
With screw terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	278344	10/30	1	
polar white, glossy	278319	10/30	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Combination SCHUKO socket-outlet/two-circuit switch

Suitable for size 60 mounting boxes.
SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.

Two-circuit switch: 10 A, AC 250 V.
With screw terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	278244	10/30	1	
polar white, glossy	278219	10/30	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Socket-outlets

Socket-outlet inserts for international markets.



Double socket-outlet with increased protection against accidental contact

In M-SMART 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.

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

Version	Art. no.	PU	PG	Info
■ Thermoplastic brilliant				
polar white, glossy	214619	5/30	1	
active white, glossy	214625	5/30	1	
■ Thermoplastic classy matt				
polar white	211519	5/30	1	
■ Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant				

Splash-proof - IP 44



Protective cover IP 44

With the protective cover System M socket-outlets can meet type of protection IP 44.

Version	Art. no.	PU	PG	Info
■ Thermoplastic brilliant				
white, glossy	478044	5/40	2.1	
polar white, glossy	478019	5/40	2.1	
active white, glossy	478025	5/40	2.1	
anthracite glossy	478014	5/40	2.1	
aluminium glossy	478060	5/40	2.1	
■ Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant				