











Overview of functions and devices

Function	Design cover	Functions	580698	580699	580691
		<ul style="list-style-type: none"> - For a blind/roller shutter motor with limit switch - Individual control 	 <p>Standard blind control insert (max. 1 motor 1000 VA) Neutral conductor required</p>	<ul style="list-style-type: none"> - For a blind/roller shutter motor with limit switch - Individual control - Extension input for group/central control - Wind monitoring, function possible  <p>Blind control insert with extension input (max. 1 motor 1000 VA) Neutral conductor required</p>	<ul style="list-style-type: none"> - Sensor with suction fixing for the window - Measurement of brightness  <p>Sun/twilight sensor Cable length 2 m</p>


Blind push-button

<ul style="list-style-type: none"> - Manual operation - Slat adjustment 		Blind push-button System M 5877.. 5862.. System Design 5842.. System Basis 5802.. OCTOCOLOR 5822..	■	■	
<ul style="list-style-type: none"> - Manual operation - Slat adjustment - Sun protection function with sensor 580691 		Blind push-button with sensor connection System M 5878.. 5865.. System Design 5845.. System Basis 5805.. OCTOCOLOR 5825..	■	■	■
<ul style="list-style-type: none"> - Manual operation - Slat adjustment - Memory function for automatic operation of drive at saved times - Sun protection function with sensor 580691 		Blind push-button with memory function and sensor connection System M 5879.. 5863.. System Design 5843.. System Basis 5803.. OCTOCOLOR 5823..	■	■	■
<ul style="list-style-type: none"> - Manual operation - Slat adjustment - Can be remote controlled via infrared (Distance 2010/2050) - Sun protection function with sensor 580691 		Blind push-button with IR receiver and sensor connection System M 5880.. 5864.. System Design 5844.. System Basis 5804.. OCTOCOLOR 5824..	■	■	■

Blind time switch

<ul style="list-style-type: none"> - Manual operation/slat - Clock function with time block Mon-Fri: (1 x Up time, 1 x Down time) and time block Sat-Sun (1 x Up time, 1 x Down time) can be programmed 		Standard blind time switch System M 5814.. 5819.. System Design 5859.. System Basis 5809.. OCTOCOLOR 5839..	■	■	Extension input out of service (no central/group control possible)
<ul style="list-style-type: none"> - Manual operation/slat - Clock function for complex switching programs - Astro function for automatically adjusting switching times according to the time of the year - Random function 		Blind time switch System M 5815.. 5861.. System Design 5841.. System Basis 5801.. OCTOCOLOR 5821..	■	■	
<ul style="list-style-type: none"> - Manual operation/slat - Clock function for complex switching programs - Astro function for automatically adjusting switching times according to the time of the year - Random function. - Sun protection function with sensor 580691 - Twilight function with sensor 580691 		Blind time switch with sensor connection System M 5816.. 5867.. System Design 5851.. System Basis 5811.. OCTOCOLOR 5831..	■	■	■

Wind monitoring unit

<ul style="list-style-type: none"> - The wind monitoring unit allows the blind to be raised or lowered depending on the wind force 		Wind sensor interface 580693 with wind sensor 580690 or 580692		■	via extension input
---	---	--	--	---	---------------------

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

Inserts

■ **Technical Information:** Blind control system functions and device overview (⇒ p. 464)



Standard blind control insert

AC 230 V, 50 Hz

For local control of a blind/roller shutter motor with limit switch.

Motor protection through interlocked relay contacts. Without extension input.

Nominal voltage: AC 230 V, 50 Hz

Neutral conductor: required

Switching capacity: max. 1 motor 1000 W

Outputs: 2 make contacts (interlocked)

Pulse duration: 2 minutes

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

▶ **To be completed with:** Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035..., 5025..., System Design 5045...

■ **Technical Information:** Standard blind control insert, art. no. 580698 (⇒ p. 463)

Version	Art. no.	PU	PG	Info
1000 W	580698	1/50	8	



Blind control insert with extension input

AC 230 V, 50 Hz

For controlling a blind/roller shutter motor with limit switch.

A mechanical roller shutter switch/push-button or an additional blind control insert can be connected via the extension input to implement group/central control. Wind alarm function possible with extension input. Motor protection through interlocked relay contacts.

Nominal voltage: AC 230 V, 50 Hz

Neutral conductor: required

Switching capacity: max. 1 motor 1000 VA

Outputs: 2 make contacts (interlocked)

Reversing time: minimum 500 ms

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

▶ **To be completed with:** Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035..., 5025..., System Design 5045...

Accessories: Wind sensor interface, art. no. 580693.

■ **Technical Information:** Blind control insert with extension input, art. no. 580699 (⇒ p. 463)

■ **Note:** In combination with the standard blind time switch, art. no. 5809..., 5859..., 5839..., 5819..., the extension input does not work.

Version	Art. no.	PU	PG	Info
1000 VA	580699	1/50	8	



Multiple control relay insert for roller shutters

5 A, AC 250 V

Suitable for a size 60 flush-mounted box.

With a multiple control relay, it is possible to control 2 motors locally by manual operation or centrally.

The multiple control relays can be cascaded.

▶ **To be completed with:** Blanking cover, art. no. System M 3916..., 3918..., 3917..., System Basis 3920..., System Design 3919..., OCTOCOLOR 3926...

■ **Technical Information:** Multiple control relay insert for roller shutters (⇒ p. 470)

Version	Art. no.	PU	PG	Info
	576399	1/24	8	



Multiple control relay for roller shutters, flush-mounted

6 A, AC 250 V

Suitable for a size 60 flush-mounted box. Flat 22 mm design. For local control using push-buttons, installation in a deep flush-mounted box.

For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement.

Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz ±10 %

Control voltage: AC 230 V ±10 %

Power consumption: 10 mA in relay operation

Switching voltage: max. AC 250 V

Switching current: max. 6 A

Temperature range: 0 -60 °C

Terminals: max. 1.5 mm²

Dimensions: 22x49x52 mm (HxWxD)

Installation: (deep) flush-mounted box

▶ **To be completed with:** Blanking cover, art. no. System M 3916..., 3918..., 3917..., System Basis 3920..., System Design 3919..., OCTOCOLOR 3926...

■ **Technical Information:** Multiple control relay for roller shutters, flush-mounted (⇒ p. 471)

Version	Art. no.	PU	PG	Info
	576398	1/100	8	



Multiple control relay for roller shutters REG

2 A, AC 250 V

For installation on DIN rails.
For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement.

Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz $\pm 10\%$

Power consumption: 10 mA in relay operation

Switching voltage: max. AC 250 V

Switching current: max. 2 A

Temperature range: 0 -60 °C

Terminals: max. 1.5 mm²

Device width: 2 modules = approx. 36 mm

- Technical Information:** Multiple control relay for roller shutters REG (\Rightarrow p. 472)

Version	Art. no.	PU	PG	Info
	576397	1/40	8	

Design covers for System Basis

- Technical Information:** Blind control system functions and device overview (\Rightarrow p. 464)



Blind push-button

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

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

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

- Technical Information:** Blind push-button (\Rightarrow 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.

A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

- 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 (\Rightarrow 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.

The memory function can be switched on and off at any time. The times are saved by keeping the corresponding direction key pressed down (2 s). A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

- 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 (\Rightarrow 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.

A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

- 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 (\Rightarrow 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.

Functions:

- 4 push-button operation
- Pre-set switching times
- Time block Mon-Fri: 1xup, 1xdown time can be programmed
- Time block Sat-Sun: 1xup, 1xdown time can be programmed
- Quick programming function
- Programming possible without flush-mounted insert
- Reserve power up to 6 hours (without battery)
- Reset to restore factory settings
- Manual operation possible at any time

Reversing time on change in direction: min. 1 second

Accuracy: ±1 min. per month

▶ **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.

Functions:

- 3 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
- Individual running time can be programmed
- Manual operation possible at any time
- Electronic locking of blind control

▶ **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.

The sensor cable is connected with the blind time switch via the plug.

Functions:

- 3 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
- Individual running time can be programmed
- Manual operation possible at any time
- Electrical interlock for blind control
- Configurable brightness values for sun protection and twilight functions. The sun sensor can also be used as a 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	

Design covers for System M

■ **Technical Information:** Blind control system functions and device overview (⇒ p. 464)



Blind push-button

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

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

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

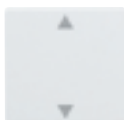
■ **Technical Information:** Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
▶ Thermoplastic brilliant				
white, glossy	587744	1/100	8	
polar white, glossy	587719	1/100	8	
active white, glossy	587725	1/100	8	

▶ Thermoplastic classy matt

white	586244	1/100	8	
polar white	586219	1/100	8	
anthracite	586214	1/100	8	
aluminium	586260	1/100	8	

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



Blind push-button with sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor. A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

▣ **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
---------	----------	----	----	------

▣ Thermoplastic brilliant

white, glossy	587844	1/100	8	
polar white, glossy	587819	1/100	8	
active white, glossy	587825	1/100	8	

▣ Thermoplastic classy matt

white	586544	1/100	8	
polar white	586519	1/100	8	
anthracite	586514	1/100	8	
aluminium	586560	1/100	8	

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



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. The memory function can be switched on and off at any time. The times are saved by keeping the corresponding direction key pressed down (2 s). A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

▣ **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
---------	----------	----	----	------

▣ Thermoplastic brilliant

white, glossy	587944	1/100	8	
polar white, glossy	587919	1/100	8	
active white, glossy	587925	1/100	8	

▣ Thermoplastic classy matt

white	586344	1/100	8	
polar white	586319	1/100	8	
anthracite	586314	1/100	8	
aluminium	586360	1/100	8	

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



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.

A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

▣ **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
---------	----------	----	----	------

▣ Thermoplastic brilliant

white, glossy	588044	1/100	8	
polar white, glossy	588019	1/100	8	
active white, glossy	588025	1/100	8	

▣ Thermoplastic classy matt

white	586444	1/100	8	
polar white	586419	1/100	8	
anthracite	586414	1/100	8	
aluminium	586460	1/100	8	

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



Standard blind time switch

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

Functions:

- 4 push-button operation
- Pre-set switching times
- Time block Mon-Fri: 1xup, 1xdown time can be programmed
- Time block Sat-Sun: 1xup, 1xdown time can be programmed
- Quick programming function
- Programming possible without flush-mounted insert
- Reserve power up to 6 hours (without battery)
- Reset to restore factory settings
- Manual operation possible at any time

Reversing time on change in direction: min. 1 second

Accuracy: ±1 min. per month

▶ **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
---------	----------	----	----	------

▶ Thermoplastic brilliant

white, glossy	581444	1/10	8	
polar white, glossy	581419	1/10	8	
active white, glossy	581425	1/10	8	

▶ Thermoplastic classy matt

white	581944	1/10	8	
polar white	581919	1/10	8	

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



Blind time switch

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

Functions:

- 3 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
- Individual running time can be programmed
- Manual operation possible at any time
- Electronic locking of blind control

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

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

Version	Art. no.	PU	PG	Info
---------	----------	----	----	------

▶ Thermoplastic brilliant

white, glossy	581544	1/10	8	
polar white, glossy	581519	1/10	8	
active white, glossy	581525	1/10	8	

▶ Thermoplastic classy matt

white	586144	1/10	8	
polar white	586119	1/10	8	
anthracite	586114	1/10	8	
aluminium	586160	1/10	8	

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



Blind time switch with sensor connection

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

Possible to connect sun/twilight sensor.

The sensor cable is connected with the blind time switch via the plug.

Functions:

- 3 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
- Individual running time can be programmed
- Manual operation possible at any time
- Electrical interlock for blind control
- Configurable brightness values for sun protection and twilight functions. The sun sensor can also be used as a 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 (\Rightarrow p. 466)

Version	Art. no.	PU	PG	Info
---------	----------	----	----	------

▣ Thermoplastic brilliant

white, glossy	581644	1/10	8	
polar white, glossy	581619	1/10	8	
active white, glossy	581625	1/10	8	

▣ Thermoplastic classy matt

white	586744	1/10	8	
polar white	586719	1/10	8	
anthracite	586714	1/10	8	
aluminium	586760	1/10	8	

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

Design covers for System Design

■ **Technical Information:** Blind control system functions and device overview (\Rightarrow p. 464)



Blind push-button

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

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

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

■ **Technical Information:** Blind push-button (\Rightarrow p. 465)

Version	Art. no.	PU	PG	Info
---------	----------	----	----	------

▣ Thermoplastic brilliant

white	584244	1/100	8	
polar white	584219	1/100	8	
vanilla	584282	1/100	8	
ice blue	584288	1/100	8	
light grey	584229	1/100	8	
midnight blue	584278	1/100	8	
dark brazil	584215	1/100	8	
black grey	584269	1/100	8	
aluminium	584260	1/100	8	

▣ metallic

antique brass	584243	1/100	8	
stainless steel	584246	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.

A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

▣ **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 (\Rightarrow p. 465)

Version	Art. no.	PU	PG	Info
---------	----------	----	----	------

▣ Thermoplastic brilliant

white	584544	1/100	8	
polar white	584519	1/100	8	
vanilla	584582	1/100	8	
ice blue	584588	1/100	8	
light grey	584529	1/100	8	
midnight blue	584578	1/100	8	
dark brazil	584515	1/100	8	
black grey	584569	1/100	8	
aluminium	584560	1/100	8	

▣ metallic

antique brass	584543	1/60	8	
stainless steel	584546	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.

The memory function can be switched on and off at any time. The times are saved by keeping the corresponding direction key pressed down (2 s). A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

▶ **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
Thermoplastic brilliant				
white	584344	1/100	8	
polar white	584319	1/100	8	
vanilla	584382	1/100	8	
ice blue	584388	1/100	8	
light grey	584329	1/100	8	
midnight blue	584378	1/100	8	
dark brazil	584315	1/100	8	
black grey	584369	1/100	8	
aluminium	584360	1/100	8	
metallic				
antique brass	584343	1/60	8	
stainless steel	584346	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.

A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

▶ **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
Thermoplastic brilliant				
white	584444	1/60	8	
polar white	584419	1/60	8	
vanilla	584482	1/60	8	
ice blue	584488	1/60	8	
light grey	584429	1/60	8	
midnight blue	584478	1/60	8	
dark brazil	584415	1/60	8	
black grey	584469	1/60	8	
aluminium	584460	1/60	8	
metallic				
antique brass	584443	1/60	8	
stainless steel	584446	1/60	8	



Standard blind time switch

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

Functions:

- 4 push-button operation
- Pre-set switching times
- Time block Mon-Fri: 1xup, 1xdown time can be programmed
- Time block Sat-Sun: 1xup, 1xdown time can be programmed
- Quick programming function
- Programming possible without flush-mounted insert
- Reserve power up to 6 hours (without battery)
- Reset to restore factory settings
- Manual operation possible at any time

Reversing time on change in direction: min. 1 second

Accuracy: ±1 min. per month

▣ **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
Thermoplastic brilliant				
white	585944	1/10	8	
polar white	585919	1/10	8	
aluminium	585960	1/10	8	
metallic				
varnished stainless steel	585946	1/10	8	



Blind time switch

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

Functions:

- 3 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
- Individual running time can be programmed
- Manual operation possible at any time
- Electronic locking of blind control

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

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

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	584144	1/10	8	
polar white	584119	1/10	8	
vanilla	584182	1/10	8	
ice blue	584188	1/10	8	
light grey	584129	1/10	8	
midnight blue	584178	1/10	8	
dark brazil	584115	1/10	8	
black grey	584169	1/10	8	
aluminium	584160	1/10	8	
metallic				
antique brass	584143	1/10	8	
varnished stainless steel	584146	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.

The sensor cable is connected with the blind time switch via the plug.

Functions:

- 3 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
- Individual running time can be programmed
- Manual operation possible at any time
- Electrical interlock for blind control
- Configurable brightness values for sun protection and twilight functions. The sun sensor can also be used as a 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
Thermoplastic brilliant				
white	585144	1/10	8	
polar white	585119	1/10	8	
vanilla	585182	1/10	8	
ice blue	585188	1/10	8	
light grey	585129	1/10	8	
midnight blue	585178	1/10	8	
dark brazil	585115	1/10	8	
black grey	585169	1/10	8	
aluminium	585160	1/10	8	
metallic				
antique brass	585143	1/10	8	
varnished stainless steel	585146	1/10	8	

Design covers for OCTOCOLOR

Technical Information: Blind control system functions and device overview (⇒ p. 464)



Blind push-button

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

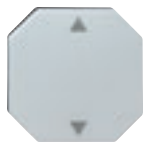
Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

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

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

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	582244	1/100	8	
polar white	582219	1/100	8	
metallic				
varnished bronze	582242	1/100	8	
metallic				
varnished titanium	582205	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.

A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

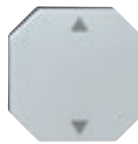
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

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
Thermoplastic brilliant				
white	582544	1/100	8	
polar white	582519	1/100	8	
varnished bronze	582542	1/100	8	
metallic				
varnished titanium	582505	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.

The memory function can be switched on and off at any time. The times are saved by keeping the corresponding direction key pressed down (2 s). A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

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
Thermoplastic brilliant				
white	582344	1/100	8	
polar white	582319	1/100	8	
metallic				
varnished bronze	582342	1/100	8	
metallic				
varnished titanium	582305	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.

A screw terminal on the blind control insert connects the sensor cable with the blind push-button. Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.

Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

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
Thermoplastic brilliant				
white	582444	1/60	8	
polar white	582419	1/60	8	
metallic				
varnished bronze	582442	1/60	8	
metallic				
varnished titanium	582405	1/60	8	



Standard blind time switch

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

Functions:

- 4 push-button operation
- Pre-set switching times
- Time block Mon-Fri: 1xup, 1xdown time can be programmed
- Time block Sat-Sun: 1xup, 1xdown time can be programmed
- Quick programming function
- Programming possible without flush-mounted insert
- Reserve power up to 6 hours (without battery)
- Reset to restore factory settings
- Manual operation possible at any time

Reversing time on change in direction: min. 1 second

Accuracy: ±1 min. per month

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

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

ℹ **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
Thermoplastic brilliant				
white	583944	1/10	8	
polar white	583919	1/10	8	
metallic				
varnished bronze	583942	1/10	8	
metallic				
varnished titanium	583905	1/10	8	



Blind time switch

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

Functions:

- 3 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
- Individual running time can be programmed
- Manual operation possible at any time
- Electronic locking of blind control

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

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

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	582144	1/10	8	
polar white	582119	1/10	8	
metallic				
varnished bronze	582142	1/10	8	
metallic				
varnished titanium	582105	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.

The sensor cable is connected with the blind time switch via the plug.

Functions:

- 3 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
- Individual running time can be programmed
- Manual operation possible at any time
- Electrical interlock for blind control
- Configurable brightness values for sun protection and twilight functions. The sun sensor can also be used as a 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
Thermoplastic brilliant				
white	583144	1/10	8	
polar white	583119	1/10	8	
metallic				
varnished bronze	583142	1/10	8	
metallic				
varnished titanium	583105	1/10	8	

Sensors



Sun/twilight sensor

The light sensor is attached to the window pane with the suction cup. Can be used either as a sun sensor or as a twilight sensor.

The position of the sensor determines the starting point of the blind.

Connecting cable: 2 m / LIYY 2x0.14 mm²

▣ **To be completed with:** Blind push-button with sensor connection, art. no. System M 5878..., 5865..., System Basis 5805..., System Design 5845..., OCTOCOLOR 5825... Blind push-button with memory function and sensor connection, art. no. System M 5879..., 5863..., System Basis 5803..., System Design 5843..., OCTOCOLOR 5823... Blind push-button with IR receiver and sensor connection, art. no. System M 5880..., 5864..., System Basis 5804..., System Design 5844..., OCTOCOLOR 5824... Blind push-button with radio receiver and sensor connection, art. no. System M 5936..., System Design 5935... Blind time switch with sensor connection, art. no. System M 5816..., 5867..., System Basis 5811..., System Design 5851..., OCTOCOLOR 5831...

■ **Technical Information:** Sun/twilight sensor, art. no. 580691 (⇒ p. 467)

Version	Art. no.	PU	PG	Info
2 m, polar white	580691	1/54	8	



IP65

Wind sensor

To raise and protect the blinds depending on the wind force.

The device is connected to the wind sensor interface.

The wind sensor is installed on the roof or on the outside wall of the building and converts the measured wind speeds into electrical signals.

Type of protection: IP 65

▶ **To be completed with:** Wind sensor interface, art. no. 580693.

■ **Technical Information:** Wind monitoring unit (⇒ p. 467)

■ **Contents:** With fixing bracket.

Version	Art. no.	PU	PG	Info
polar white	580692	1/2	8	



IP65

Wind sensor with heating

With integrated heating for trouble-free operation in winter.

To raise and protect the blinds depending on the wind force.

The device is connected to the wind sensor interface.

The wind sensor is installed on the roof or on the outside wall of the building and converts the measured wind speeds into electrical signals.

Type of protection: IP 65

▶ **To be completed with:** Wind sensor interface, art. no. 580693.

Separate power supply unit AC/DC 24 V/ 70 W

■ **Technical Information:** Wind monitoring unit (⇒ p. 467)

■ **Contents:** With fixing bracket.

Version	Art. no.	PU	PG	Info
polar white	580690	1/2	8	



IP55

Wind sensor interface

AC 230 V, 50 Hz

Evaluation units for wind sensors / wind sensors with heating. For connection to the extension input of the blind control insert.

Can also be connected to the Merten KNX via binary inputs.

Supply voltage: AC 230 V, 50 Hz

Output: floating contact for the control of the blind control insert

Response time: approx. 15 sec. (after the selected wind strength has been exceeded)

Overshoot time: approx. 15 min. (after the selected wind strength has not been reached)

▶ **To be completed with:** Wind sensor, art. no. 580692. Wind sensor with heating, art. no. 580690. Blind control insert with extension input, art. no. 580699.

■ **Technical Information:** Wind monitoring unit (⇒ p. 467)

Version	Art. no.	PU	PG	Info
polar white	580693	1/25	8	

Remote controls



IR remote control Distance 2010

10-channel IR remote control. For the control of all TELE sensor covers, blind push-buttons with IR receiver, presence detectors with IR receiver and KNX devices with IR receivers.

Battery: 2 microcells (IEC LR 03, AAA)

Range: up to 20 m

■ **Receiver:** TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... Blind push-button with IR receiver and sensor connection, art. no. System M 5880..., 5864..., System Basis 5804..., System Design 5844..., OCTOCOLOR 5824... ARGUS Presence with IR receiver, art. no. 550591, 630591... KNX IR receiver flush-mounted art. No. System Design 6235... KNX multi-function push-button with IR receiver, art. no. 623008 System M 6292..., 6242..., 6274..., 6236..., 6175..., 6279..., System Design 6228..., Plantec 626008, 623008. Push-button, 4-gang plus with IR receiver, art. no. System M 6175..., 6279...

■ **Contents:** Without battery.

Version	Art. no.	PU	PG	Info
black	570222	1/48	8	