

Blind push-button 1gang

Order no. 8524 11 xx

Operating instructions**1. Safety instructions**

Electrical equipment may only be installed and assembled by a qualified electrician in accordance with the relevant installation standards, regulations, directives and safety and accident prevention directives of the country.

Failure to comply with these installation instructions may result in damage to the device, fire or other hazards.

These instructions are an integral component of the product and must be retained by the end user.

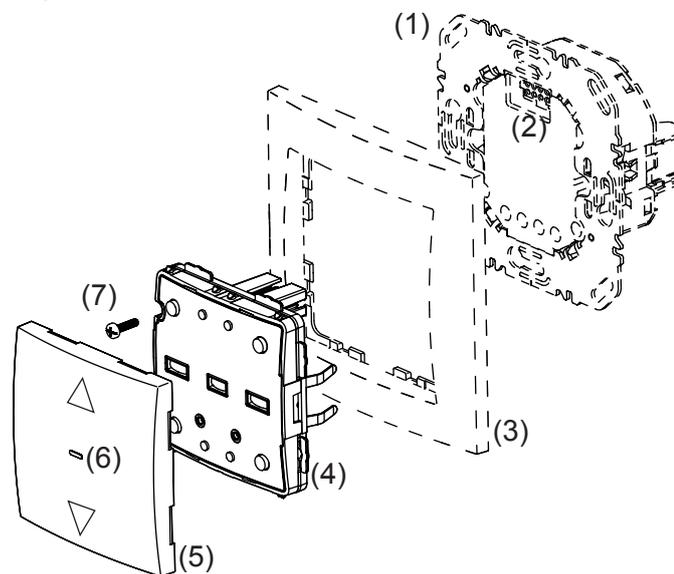
2. Design and layout of the device

Figure 1: Design and layout of the device

- (1) Shutter insert (see Accessories, not within scope of delivery)
- (2) Plug interface
- (3) Frame (not within scope of delivery)
- (4) Application module
- (5) Shutter push-button design cover
- (6) Status LED
- (7) Screw for dismantling protection (not for design lines R.1/R.3)

3. Function

Correct use

- Only suitable for use in indoor areas with no drip and no spray water
- For operation on suitable shutter inserts (see Accessories)

Product characteristics

- Manual or time-controlled moving of tubular motors connected to insert
- Memory function for easy time control of connected shutters
- Party function to protect against unintentional movement of the shutters

4. Operation

Operating concept

The operation of the top or bottom push-button operation area is validated differently for each button. Pressing both push-button operation areas simultaneously controls special functions such as memory or party function.

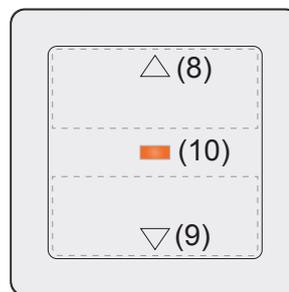


Figure 2: Operating elements

- (8) Push-button operation area ▲ for UP
- (9) Status LED
- (10) Push-button operation area ▼ for DOWN

Operation of shutter

- Press push-button operation area ▲ or ▼.
Short-press (shorter than 0.4 s): adjustment of slat position.
Long-press: self-retaining, shutter moves to final position.
- i** Maximum operation time for self-retaining is 2 minutes.
- Short press on push-button operation area ▲ or ▼ during the shutter movement.
The blind stops at the position reached.
- i** If a protection signal (wind, rain) is present, no move commands are executed (see Setting Operating Mode).

Memory function

Operation times (if additionally required, also with stop time for shutter positions) can be recorded for a 24-hour interval using the memory function. Saved local and extension unit operations > 0.4 s are hence executed daily and automatically. (For operation, see Table 1)

Press both push-button operation areas	Status LED display	Function and LED display
0 ... 5 s		Running/recording of memory function is finished, the Status LED goes out and the radio blind push-button changes to normal operation.
5 ... 10 s until the Status LED flashes orange for the first time	 	Memory function is executed, the LED is on. The Status LED flashes for 3 s: memory is empty and the radio blind push-button returns to normal operation.
10 ... 15 s until the Status LED flashes orange for the second time	 	Memory function operation times are recorded, the Status LED flashes orange for 2 s. Memory is full. Only 10 operation times can be recorded. The radio blind push-button changes back to normal operation.
15 ... 20 s until the Status LED flashes orange for the third time		The Status LED flashes for 3 s: memory function is deleted and the radio shutter button changes to normal operation.

Table 1: Operation of memory function

-  After a power failure, motion and stop commands falling into that power failure period are not executed with a time delay after voltage recovery.
-  The memory function cannot be used when the party function is active.
-  A maximum of 10 actions can be recorded for the 24-hour interval.

Party function

The party function prevents the shutter from being moved by radio and extension unit activation. Upon activation, all motion commands not locally executed on the shutter push-button are ignored. This, for example, prevents persons e.g. being near terrace doors from being locked out by automatically moving roller shutters. (For operation, see Table 2)

Press both push-button operation areas	Status LED display	Function and LED display
> 20 s until the Status LED turns red		Party function is activated, the Status LED turns red
> 20 s until the Status LED flashes red 3 x		Party function deactivated, the Status LED flashes red 3 x

Table 2: Operation of party function

5. Information for electricians

6. Installation

Assembly of the device (Figure 1)

-  Information on electrical connection are to be taken from the operating instructions of the shutter insert.
- Attach application module (4) together with frame (3) to a suitable shutter insert (see Accessories) so that the contact pins are inserted into the available jack.
-  As soon as voltage is supplied to the application module, the status LED indicates the compatibility to the shutter insert used (Table 3). In the meantime, the operating mode can be changed if necessary (see Setting Operating Mode).
- If available, fix dismantling protection with screw (4).
- Click design cover into place on application module.

Status LED display	Meaning
LED blinks in green colour for 5 s	Application module and insert are compatible and work together.
LED blinks red for 5 s	Application module and insert are incompatible.

Table 3: Display of insert/application module compatibility

Setting Operating Mode

It is possible to change between two operating modes during commissioning:

- Protection Mode (factory setting):
Mode for using sensors on the extension unit inputs of the insert to protect against wind or rain damage on outside blinds/awnings.
In protection mode no move commands are executed while a signal (wind /rain sensor) is present on the extension unit input.
- Manual Mode:
The last move command is executed regardless of whether or not it takes place locally or via an extension unit.

The application module was attached to the insert, the insert/application module detection is executed.

- While the LED (6) is flashing green, hold the push-button operation area ▲ and ▼ simultaneously for approx. 5 s until the LED flashes orange.
The operating mode is changed and displayed:
The LED flashes 1x. The protection mode is set.
or:
The LED flashes 2x. The manual mode is set.
-  In normal operation, the operating mode cannot be displayed.

7. Appendix

7.1 Technical data

Power supply	via shutter insert (see Accessories)
Change-over time of the operating directions	600 ms
Blind operating time	2 min
Minimum slat adjustment time	150 ms
Degree of protection	IP 20
Relative humidity	0 ... 65 % (no condensation)
Ambient temperature	-5 ... +45 °C
Storage/transport temperature	-25 ... +70 °C
Mounting orientation	connector on top

7.2 Accessories

Shutter insert comfort	8522 11 0x
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7.3 Warranty

We reserve the right to make technical and formal changes to the product in the interest of technical progress.

Our products are under guarantee within the scope of the statutory provisions.

If you have a warranty claim, please contact the point of sale or ship the device postage free with a description of the fault to the appropriate regional representative.