

**Centre plate with memory function and sensor connection**

Art. No. : ..5232 MS..

**Operating instructions****1 Safety instructions**

Electrical equipment may only be installed and fitted by electrically skilled persons.

Serious injuries, fire or property damage possible. Please read and follow manual fully.

**Danger of electric shock. Always disconnect before carrying out work on the device or load. At the same time, take into account all circuit breakers that supply dangerous voltage to the device or load.**

**Danger of electric shock. Device is not suitable for disconnection from supply voltage.**

These instructions are an integral part of the product, and must remain with the end customer.

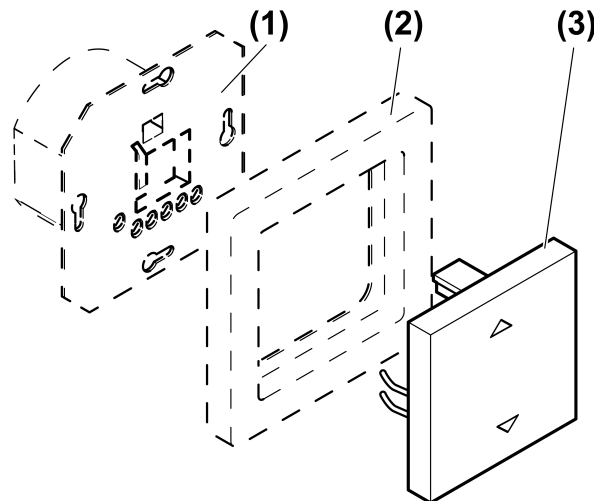
**2 Device components**

Figure 1: Device components

- (1) Venetian blind control
- (2) Frame
- (3) Cover

**3 Function****Intended use**

- Operation of electrically-driven blinds and shutters
- Operation on control of the Venetian blind control system

**Product characteristics**

- One Up and Down travelling time can be saved respectively for daily execution
- Buzzer for signalling
- Evaluation of a sun sensor
- Brightness threshold 20,000 lx

## Operating modes

Memory mode:

- The saved Up and Down travelling times are executed in a 24-hour cycle.
  - A signal tone sounds when the button is pressed.
- i** No signal tone sounds when activating via an extension.

Push-button mode:

- The saved travelling times are not executed.
- No signal tone sounds when the button is pressed.

## Sun protection function

The connection of a sun sensor enables automatic shading when it is very bright outside. If the measured brightness exceeds the brightness threshold for more than 2 minutes, the blind moves downwards and stops as soon as the sun sensor is shaded.

- i** The sun protection function is only activated if the Venetian blind has been moved to the upper end position and the control has deactivated automatically after 2 minutes. Each manual operation deactivates the sun protection.

If the brightness threshold is fallen short of for more than 15 minutes, the Venetian blind moves back to the upper end position.

## Behaviour after a mains voltage failure

- A mains voltage failure that lasts less than 30 minutes causes the saved travelling times to be delayed by the duration of the power failure.
- After a mains voltage failure lasting longer than 30 minutes, both saved travelling times are deleted. After mains voltage return, the memory mode is active.

## 4 Operation

### Moving the Venetian blind

- Press top or bottom of cover for one to 3.5 seconds.  
The Venetian blind moves in the desired direction to the end position or stops when the button is pressed again.

### Adjusting the slats

- Press top or bottom of cover for shorter than one second.  
The slat position changes in the desired direction for as long as the button is pressed.

### Changing operating mode

- Press top or bottom of cover for 8 to 12 seconds.  
After 2 seconds, several short signal tones are sounded and a long continuous tone of 1.5 seconds.  
After a further 3 seconds, the operating mode switches over and the new operating mode is signalled:  
4 short signal tones = memory mode  
1-second continuous tone = push-button mode

### Saving travelling times

The travelling times can be saved in push-button mode or memory mode. Only the current time can ever be saved as travelling time

- Press top of cover for 3.5 to 8 seconds to save the Up travelling time or press bottom of cover to save the Down travelling time.  
After 2 seconds, several short signal tones are sounded and a long continuous tone of 1.5 seconds.  
Once the continuous tone begins, the travelling time is saved. Any existing value will be overwritten.

- i** It is also possible to only save an Up or Down travelling time.

### Deleting all travelling times

- Press top or bottom of cover for longer than 12 seconds.  
After 2 seconds, several short signal tones are sounded and a long continuous tone of 1.5 seconds.  
Then the operating mode is signalled.  
After about 12 seconds, a 3-second long continuous tone begins.  
Once the continuous tone begins, the travelling times are deleted and the cover is in memory mode.

## 5 Information for electrically skilled persons

### 5.1 Fitting and electrical connection

#### Mounting and connecting



#### **DANGER!**

**Electrical shock when live parts are touched.**

**Electrical shocks can be fatal.**

**Before carrying out work on the device or load, disengage all the corresponding circuit breakers. Cover up live parts in the working environment.**

The Venetian blind control is mounted and connected properly (see instructions for the relevant Venetian blind control).

- If necessary, install sun sensor and connect to terminal block (see instructions for the sensors and control).
- ⓘ Connect the sun sensor with the correct polarity. If a sensor is connected with reversed polarity, this will result in malfunctions. It might not be possible to operate the cover any more.
- Mount cover (3) with frame (2) onto the Venetian blind control (1) (figure 1).

## 6 Appendix

### 6.1 Technical data

Ambient temperature	0 ... +45 °C
Storage/transport temperature	-10 ... +60 °C
Switch-over time for direction change	approx. 1 s
Moving time	approx. 120 s
Data according to EN 60730-1	
Action	1.B
Degree of soiling	2
Meas. surge vol.	4000 V
SELV limit value	DC 12 V

### 6.2 Accessories

Sunlight / dawn sensor	Art. No. 32 SD
Extension flex	Art. No. 32 K

### 6.3 Warranty

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

We provide a warranty as provided for by law.

Please send the device with a description of the defect to our central customer service office.

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