

**Blind control button with memory function and sensor evaluation**

Order No. : 0822 ..

**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.

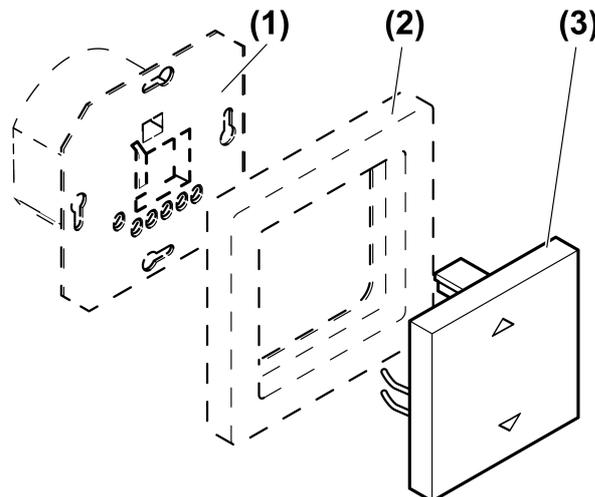
**2 Device components**

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
- Evaluation of a glass break sensor

## 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.

## Glass break function

The glass break sensor reports destruction of the window pane to the cover that allows the Venetian blind to move to the lower end position. This protects the interior area against weather influences. The glass break message is reset by pressing the ▲ button and the Venetian blind moves upwards.

## 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 three 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 cover over entire surface for 3 to 7 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 4 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 cover over entire surface for longer than 7 seconds.  
A 3-second continuous tone sounds.  
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).

- i** 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.



#### **CAUTION!**

**Risk of damaging the Venetian blind if wind and glass break sensor are used simultaneously.**

**The wind alarm is not executed if glass break is active, the Venetian blind remains closed and cannot be damaged.**

- Connect glass break sensor to terminal block if necessary (see instructions for the relevant glass break sensor).
- 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 Warranty

The warranty is provided in accordance with statutory requirements via the specialist trade.

Please submit or send faulty devices postage paid together with an error description to your responsible salesperson (specialist trade/installation company/electrical specialist trade). They will forward the devices to the Gira Service Center.

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