

**Blind/shutter control pushbutton**

Order no.: 0644 xx

**Blind/shutter control pushbutton with sensor input**

Order no.: 0820 xx

**Blind/shutter control pushbutton****Function**

The control pushbutton is a component of the blind/shutter control system and can only be used in conjunction with the blind/shutter control insert.

A press on the ▲ button raises the blind/shutter while a press on the ▼ button lowers the blind/shutter.

The moving time of the blind/shutter can be individually programmed between 0.5 seconds and 2 minutes (preset value = 2 minutes). The attachment is additionally equipped with an anti-lockout function to prevent any inadvertent automatic lowering of the blind/shutter

**Safety warnings**

**Attention: Electrical equipment must be installed and fitted by qualified electricians only.**

**Failure to observe the warnings may cause damage to the device and result in fire or other hazards.**

**To prevent electric shocks, disconnect the mains supply (by cutting out the circuit breaker) before working on the device or on the load.**

**The blind/shutter control system has been developed for the control of window blinds and window shutters. Do not switch other loads. Using the device for other applications such as the control of roller-shutter doors may involve hazards.**

**These hazards must be excluded by the user by taking appropriate safety measures (e.g. light barriers).**

**Observe also the safety warnings set out in the operating instructions of the respective blind/shutter control insert used.**

**Operation****Brief press on the button (less than 1 second):**

A pulse corresponding in length to the duration of the press is generated. This function is used for the adjustment of the slats of blinds/shutters or for stopping the blind/shutter in the continuous run mode.

**Long press on the button (longer than 1 second):**

The blind/shutter control switches over to self-maintained operation ('Continuous run').

**Anti-lockout function****(press on ▲ longer than 4 seconds):**

The LED in the middle of the attachment is lit up. The shutter moves to the upper limit stop and the anti-lockout function is active.

Commands from the central unit, extension units and the sensors are disregarded.

The anti-lockout function is deactivated by a press on the button ▲ or after a mains failure.

**„Programming“ the individual moving time**

If shutter is to be prevented from moving down completely to the lower limit position („ventilation function“) or when an outdoor sensor is used, a shorter moving time can be programmed.

1. Activating the programming mode:  
Press center of button (longer than 4 s) until the LED in middle of the attachment flashes. The shutter moves automatically to the upper limit stop.
2. Programming the moving time:  
Keep the button depressed towards the ▼ symbol until the shutter is in the position to be programmed. The shutter stops as soon as the button is released.

**3. Storing or rejecting the moving time:**

- Press the center of the button (at least 1 s) to store the individual moving time.
- Press the ▲ or the ▼ symbol of the button to reject the moving time.

The programming mode ends automatically and the LED is extinguished.

The individual moving time remains stored permanently.

The old moving time is replaced by a newly programmed time.

To execute the programmed moving time, the blind/shutter must be moved in the „continuous mode“ up to the upper limit position.

**Fitting (Fig. A)**

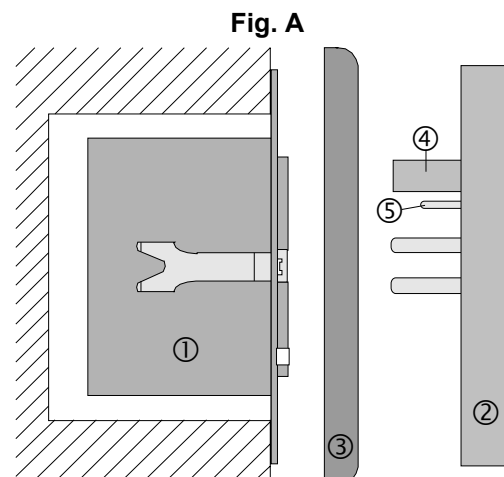
The control pushbutton is installed together with a blind/shutter control insert (order. no. 0398 00, 0399 00, 0395 00, 0388 00) in a flush-mounting box in acc. with DIN 49073 (deep box recommended). The connecting terminals of the insert must be at the bottom.

Description, fitting and connection of the insert: see separate instructions.

Plug the control pushbutton (2) together with frame (3) onto the insert (1). The electrical contact is established via connectors (4) and (5).

**Important:**

**When using sensors, observe the fitting information set out in the instructions of the respective blind/shutter control insert.**

**Blind/shutter control pushbutton with sensor input****Sun protection function:**

A sun sensor permits automatic lowering of the blind/shutter in strong sunshine. To execute this function, the blind/shutter must be raised in the „continuous mode“ to the upper limit position.

The attachment activates the sun protection function after 2 minutes. Any manual operation deactivates the sun protection function.

The sun protection function begins ca. 2 minutes after the preset brightness level has been exceeded (level pre-settable ca. 5.000 - 80.000 lux) and the blind/shutter moves down.

When the ambient brightness has been below the preset threshold for at least 15 minutes, the blind/shutter is raised again (short brightness variations have no effect).

The attachment distinguishes between an inside or outside sun sensor.

To determine the type of sensor installed, the blind/shutter performs an initialization move when the sun protection function is activated for the first time.

The sensor installed is identified as an outside sensor, if no shading of the sensor is detected.

Otherwise, the sensor is an inside type.

**Sun sensor on the inside:**

The sun sensor is installed on the window pane. The installation height on the pane determines the position to which the blind/shutter moves when the brightness threshold is exceeded.

**Sun sensor on the outside:**

After the initialization move, the blind/shutter is raised again and then lowered again with the individual moving time. From now on, the attachment always executes the programmed moving time when in the sun protection mode.


**With glass breakage sensor:**

The glass breakage sensor is attached to the window pane. When the pane breaks, the shutter moves down to the lower limit stop. Application: protection against the weather in the event of glass breakage.

The glass breakage message is reset by pressing the ▲ button and the shutter moves up again.

**Important:**

When the lock-out protection is active, the signal from the glass breakage sensor is disregarded.

 **Attention!**

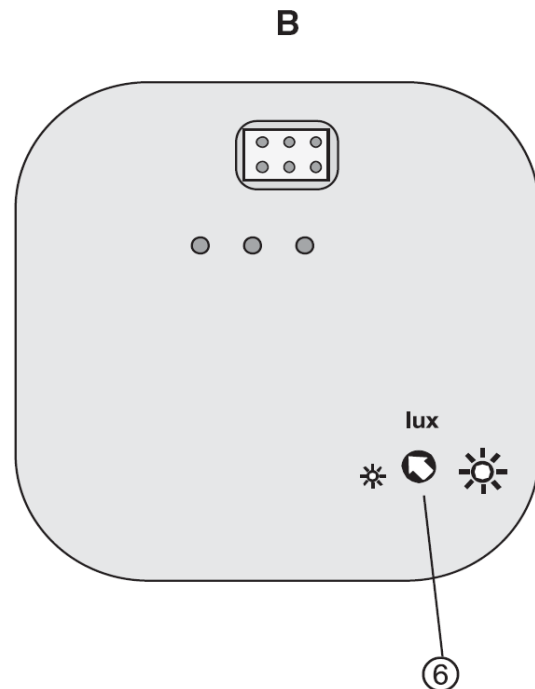
**Glass breakage sensors must not be used in combination with the wind sensor. The wind protection function via the extension input ▲ (shutter moving up) is disabled after a glass breakage. The blind or shutter remains closed.**

**Setting the brightness threshold for the Blind/shutter control pushbutton with sensor input (Fig. B)**

The brightness level at which the shutter is to be lowered can be adjusted with potentiometer (6) at the back of the control pushbutton within a range of ca. 5.000 to 80.000 lux.

- setting ☀: ca. 80.000 lux
- setting ✨: ca. 5.000 lux

The potentiometer is factory-adjusted to a value of ca. 15.000 lux (position as shown in fig. B).



**Technical data**

Connection: by plugging onto the blind/shutter control insert

Moving time: 0.5 to 120 seconds

Moving time tolerance: +/- 0.5 seconds

Switch-over time: 1 second

Ambient temperature: 0 to +45 °C

Storage temperature: -10 °C to +60 °C

Brightness setting range: ca. 5.000 to 80.000 lux (sensor model only)

## Acceptance of guarantee

We accept the guarantee in accordance with the corresponding legal provisions.

**Please return the unit postage paid to our central service department giving a brief description of the fault:**

Gira  
Giersiepen GmbH & Co. KG  
**Service Center**  
Dahlienstrasse 12  
D-42477 Radevormwald

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