

**Dual Shutter Actuator REG\***

Order No.: 0548 00

\* REG = Series built-in unit

**General system information**

This device is a product of the *instabus* EIB-system and complies with EIBA directives. Detailed technical knowledge obtained in *instabus* training courses is a prerequisite to proper understanding. The functionality of this device depends on the software. Detailed information on loadable software and attainable functionality as well as on the software itself may be taken from the manufacturer's product database.

Planning, installation and commissioning of the unit is done by means of EIBA certified software.

**Function**

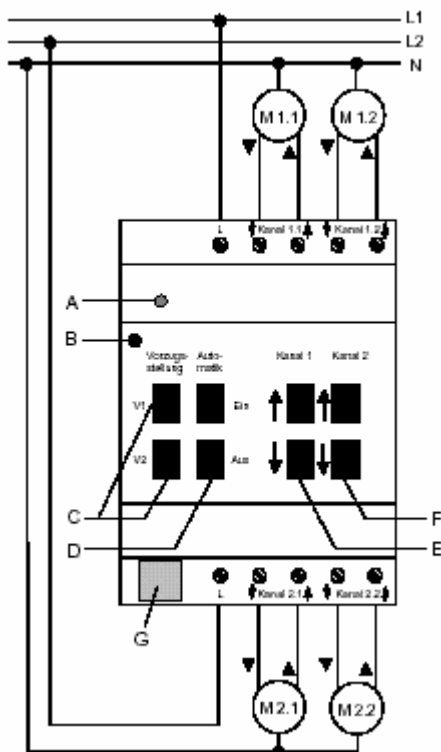
Through two channels, the shutteractuator allows to lift and/or lower two venetian blind drives for each channel.

Momentary switching action causes movement of the slats whereas persistent switching action causes the venetian blinds to be moved up or down.

**Properties:**

- Two independent channels.
- Two motors can be connected per channel.
- Each channel can be supplied by separate external conductors.
- Additional manual operation possible for each channel by front side keys.
- Safety position separately adjustable for each channel.
- Adjustable response to bus voltage failure and return (power management).
- Automatic sun protection separately selectable per channel for brightness-dependent moving of the louver when a brightness sensor is available.
- Two freely assignable preference positions for each channel.
- Control through four central functions with the possibility of moving to a preset position.
- Priority control.
- Adjustable change-over time for reversing (please observe the information given by the motor manufacturer).

## Controls and Indicators:



- A: Programming key.
- B: Programming LED (red).
- C: Preference positions V1 and V2 for channel 1 and/or channel 2: Calling a software-preset position of the louver by specifying the direction and the blade position.
- D: Automatic operation ON/OFF (for both channels): Selection of automatic sun protection as a function of the brightness value received (bright => louver down, dark => louver up).
- E: Channel 1 up/down: Manual control (top = up, bottom = down).
- F: Channel 2 up/down: Manual control (top = up, bottom = down).
- G: Instabus EIB connection terminal

Establish connection as shown in the opposite figure.

### Warning

**Caution: The installation and assembly of electrical equipment may only be performed by a skilled electrician.**

**For connection of motors only! Hazards that may be caused by components driven by motors must be eliminated by suitable safety measures.**

**The limit switches of the motors connected must be checked for correct adjustment.**

## Specifications

### Supply

*instabus* EIB: 24 VDC (+6 / -4 V)

### Power drain

*instabus* EIB: Max. 12 mA

### Power loss:

≤ 2 W

### Connection

*instabus* EIB: Connection terminal

Motors: Screw terminals 0.25 to 4.0 mm<sup>2</sup>

### Switching voltage:

230 V AC, +/- 10 %, 50 Hz

24 V AC/ DC

### Switching capacity per channel:

3 A, cos φ = 0.5

6 A, cos φ = 1

### Minimum contact load:

24 V AC / DC 100 mA

### Ambient temperature:

-5 °C to +45 °C

### Storage temperature:

-25 °C to +55 °C

### Protective system:

IP 20 acc. to DIN VDE 0470 T1

(IP 40 after installation into distributor)

### Mounting width:

70 mm (4 PU)

### Mounting height:

58 mm

### Mounting depth:

90 mm

### Weight:

245 g

## 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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The CE sign is a free trade sign addressed exclusively to the authorities and does not include any warranty of any properties.

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