Four-channel Venetian blind actuator

Order no.: 1020 00

System information

This unit is a product of the Instabus-EIB-System and corresponds to the EIBA Guidelines. Detailed technical knowledge acquired in Instabus training courses is a prerequisite for the understanding of the system. The functions of the device are software-dependent. Detailed information on the software and the functions implemented and the software itself are available from the manufacturer's product data bank.

Planning, installation and commissionning of the device are effected with the help of EIBA-certified software.

For the productdatabase and technical descriptions please refer to the Gira Datenpool CD, order no. 1992 10, or to the internet at www.gira.de offering up-to-date information.

Function

The four-channel Venetian blind actuator switches up to four independent Venetian or roller blind drive mechanisms via the Instabus EIB. The device does not require any additional power supply.
Moving commands are given by the actuation of touch sensors or binary inputs of the Instabus EIB system.

⚠ **Safety instructions**

Attention: Electrical equipment must be installed and fitted by qualified electricians only.
For connection of motors only! Hazards that may be caused by components driven by motors must be eliminated by suitable safety measures.
The device comes with undefined output switching states.

Important information

- For parallel connection of louver-blind/shutter motors, the instructions of the motor manufacturers must be observed.
  The motors might otherwise be irreparably damaged.
- Use only louver-blinds or roller shutters equipped with limit switches (mechanical or electronic).

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

Characteristics

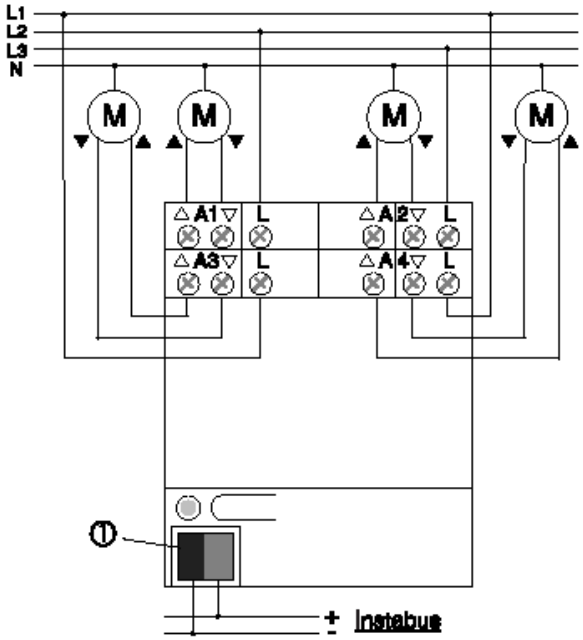
- Four independent channels for one Venetian blind motor each.
- 2 x 2 channel operation possible.
- Selectable mode of operation (Venetian or roller blind).
- Adjustable switch-over time for direction change (observe motor manufacturer's instructions).
- Adjustable running time for "Venetian blind up" travel.
- Priority assignment to incoming telegrams.
- Automatic sun protection for brightness-dependent moving of the Venetian blind to a parameterisable position.
- Logical interconnection of two sun protection objects.
- Control via four central functions for 2 x 2 channel operation.
- Moving to a parameterised Venetian blind or slat position for each channel.
- Separately adjustable safety position for each channel.
- Adjustable response to bus voltage failure and reappearance.

Connection

The bus terminal ① can be used for bus connection.

Establish connection of motors as shown in the schematic diagram.

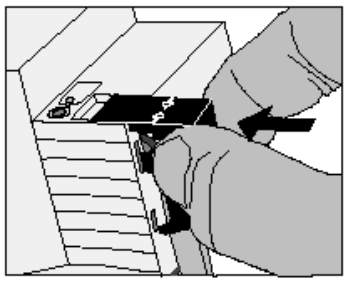
You can connect various external conductors to the devices.



Cap

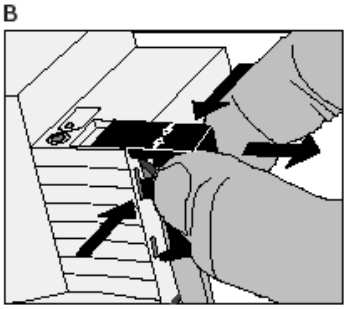
Slide the cap with the bus wires at the bottom over the bus terminal (fig. A) until it is heard to engage.

A



To remove the cap, push sideways and withdraw (fig. B).

B



Technical Data

Instabus EIB supply voltage:	21 - 32 V DC
Instabus EIB power rating:	max. 150 mW
Connection	
Instabus EIB:	Instabus terminal
Motors:	screw-type terminal 0.2 – 4 mm² solid wire or 2 x 0.2 – 2.5 mm² solid wire 0.75 – 4 mm² stranded without wire end ferrule or 0.5 – 2.5 mm² stranded with wire end ferrule
Switching voltage:	230 V AC
Switching capacity:	6 A/AC-1 4 A, cos φ = 0,8
Ambient temperature:	-5 °C ... +45 °C
Storage temperature:	-25 °C ... +70 °C
Installation width:	72 mm (4 modules)

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

CE 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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