

Two-channel switching actuator 16 A
manually operated

Order no.: 1026 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 commissioning of the device are effected with the help of EIBA-certified software.

The current product database and technical descriptions can be found on the Internet at www.gira.de.

Function

The 2-channel switching actuator uses potential-free contacts to switch independent electrical consumers via the Instabus EIB. It does not require any additional power supply.

Terminal ① can be used for bus connection.

Switching commands are given by the actuation of touch sensors or binary inputs of the Instabus EIB system.

The switching states of the relays are indicated by the status indicators ②. They are used at the same time for manual operation of the relays independent on the Instabus EIB.

Establish connection as shown in the schematic diagram. You can connect various external conductors to the devices.



Safety warnings

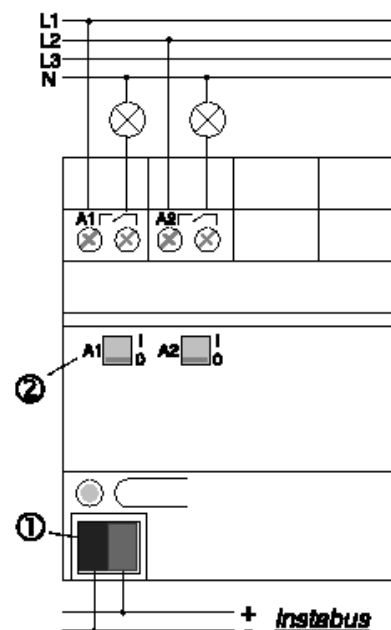
Attention: Electrical equipment must be installed and fitted only by qualified electricians and in observance of the applicable accident prevention regulations.

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

Any non-observance of the fitting instructions may cause fire or other hazards.

On delivery, the switching status of the outputs is undefined.

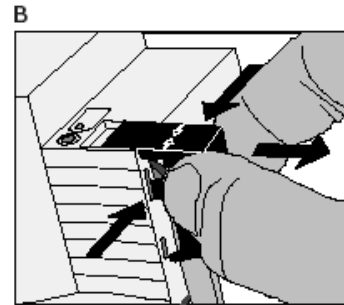
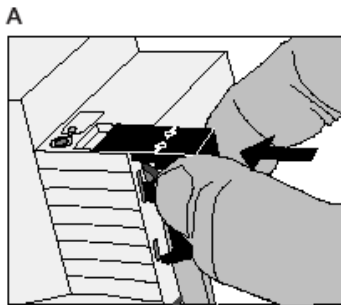
Connection



Cap

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

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



Technical Data

Instabus EIB supply voltage:	21 - 32 V DC
Instabus EIB power rating:	max. 150 mW
Connection	
Instabus EIB:	Instabus connection terminal
Load:	screw terminals 0.5 – 4 mm ² single and stranded wire without ferrule or 0.5 – 2.5 mm ² stranded with ferrule
Ambient temperature:	-5 °C ... +45 °C
Max. housing temperature:	T _c = 75 °C
Storage temperature:	-25 °C ... +70 °C
Installation width:	72 mm (4 modules)
Protective system:	IP 20
Type of contacts:	potential-free make (μ-contacts)

Switching voltage:	230 VAC, 400 VAC
Switching capability at 230 VAC:	16 A / AC1; 10 A / AC3
Switching capability at 400 VAC:	10 A / AC1; 6 A / AC3
Switching capacity	
Incandescent lamps:	2500 W
Fluorescent lamps	
uncompensated:	2500 W
shunt-compensated:	1300 W / 140 μF
Dual lamp circuit:	2 x 2500 W
HV halogen lamps:	2500 W
LV halogen lamps:	500 VA

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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