

Shutter actuator / switching actuator

Order no.: 0584 00

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 for proper understanding.

Functionality of this device is depending on the software. Detailed information on loadable software and attainable functionality 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

Depending on the software, the shutter actuator / switching actuator with extension input works either as a single-channel shutter actuator or as a twochannel switching actuator.

The device is controlled by commands from touch sensors, infrared sensors or from binary inputs of the instabus EIB system. The actuator can also be operated from an extension unit.

Shutter actuator (fig. ①)

The shutter actuator is used to control a motor moving the shutter up or down. The connection of two motors to a single shutter actuator is not permitted. The shutter actuator may be locked via the *instabus* EIB system (e.g. in stormy weather).

Locking causes the drive to move to the preselected position. Operation is then inhibited until the shutter actuator is unlocked.

The extension inputs must be connected to a conventional pushbutton for blind/shutter control.

Control commands from extension units can be used for evaluation by the *instabus* EIB system.



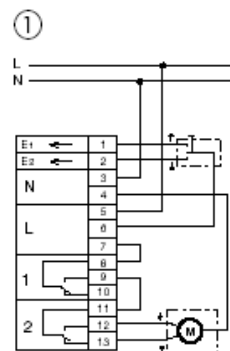
Safety warnings

Attention: Electrical equipment must be installed and fitted by qualified electricians only. Appropriate safety measures must be taken to exclude hazards deriving from motor-operated components.

The slats are adjusted by brief actuation of the control element whereas prolonged actuation moves the shutter up and down.

Protection class IP44 requires vertical mounting (condensed-water drainage hole at the bottom).

The unit must be protected by a 10 A circuit breaker in the mains line ahead of the device.

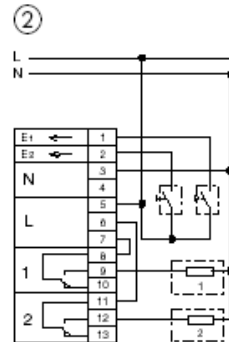


Switching actuator (fig. ②)

The switching actuator permits switching of two groups of loads independent of each other.

Conventional switches or pushbuttons can be connected to the two extension inputs. The inputs are independent of each other.

Control commands from extension units can be used for evaluation by the instabus EIB system.



Technical characteristics

Supply		Ambient temperature:	-5 °C ... +45 °C
instabus EIB:	21 – 32 V DC	Max. housing temp.:	75 °C
AC mains:	230 V AC	Storage temperature:	-25 °C ... +55 °C
Power consumption		Type of protection:	IP 20, IP 44 in vertical mounting position
instabus EIB:	max. 150 mW	Dimensions (in mm):	80 x 55 x 160 (WxHxL)
AC mains:	max. 3 W	Minimum distances:	4 cm on all sides
extension:	max. 60 mW per channel		
Connection			
instabus EIB:	instabus connection terminal		
AC mains, extension:	push-lock terminals for cross sections up to 2.5 mm ²		
Switching capacity			
resistive loads:	2300 W		
incandescent lamps:	2300 W		
HV halogen lamps:	2000 W		
LV halogen with conv. transformer:	500 VA		
LV halogen, with TRONIC transformer:	1500 W		
fluorescent lamps			
non-compensated:	900 W		
lead-lag circuit:	1500 W		
AC shutter motors:	max. 1000 VA		
Extension			
input line length:	max. 300 m		
signal current:	approx. 5 mA, up to 100 mA inrush current		
signal voltage			
“0” signal:	0 to 50 V AC		
“1” signal:	207 to 253 V AC		

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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