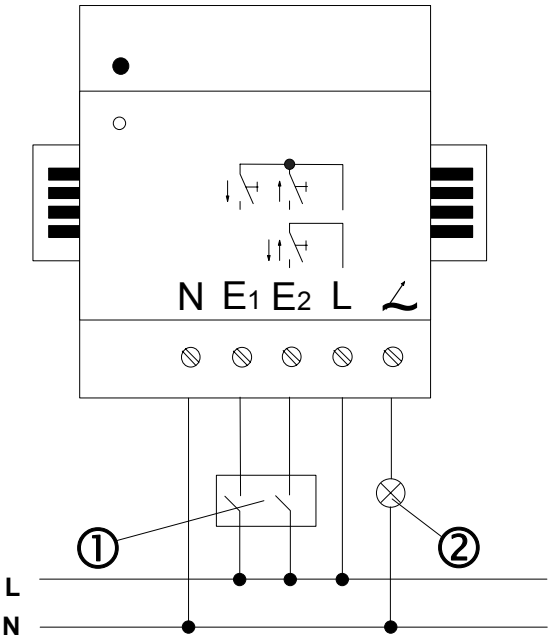
Dimactuator 20 - 500 VA with extension

Order-No.: 0633 00

Function

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 depends on the software. Detailed information on loadable software and attainable functionality may be taken from the manufacturer's product database.



In conjunction with its extension, the Dimactuator 500 VA allows the dimming of LV halogen lamps powered via inductive transformers, of HV halogen lamps, and of 230 V incandescent lamps ②.

The soft start guarantees optimum life.

Switching and dimming commands are issued by operation of touch sensors, dimming sensors, infrared sensors or via the binary inputs of the Instabus EIB-system.

The extension's inputs ① allow connection of conventional 230 V momentary contacts with single-actuator (input E2) or double-actuator (inputs E1 and E2).
Switching and dimming commands initiated via the extension can be used by the Instabus EIB-system.

Protection for overload and overheating by means of automatic reduction of power, respectively switching-off until cooling down.
The Dimactuator will switch off for one minute immediatly.
An electronic overload message is sent periodically over the Instabus EIB. During this time, telegrams may be sent via the extension's inputs to the Instabus EIB.
After the overload is eliminated, the actor restarts with the brilliance set before after a maximum period of one minute.

Installation

Caution! The installation and assembly of electrical equipment may be carried out only by a skilled person.
Planning, installation and commissioning of the unit is done by means of EIBA certified software.

Adjustment

Basic brilliance may be adapted to any type of load.
The memory function is adjustable which means that the unit will start up with the last brilliance setting. Dimming time is adjustable.
The Dimactuator's switching status may be sent over the Instabus EIB.
Interrogation of the brilliance value via the Instabus EIB allows its integration in lighting scenes and visualisation.

Technical Data

Supply	
Instabus EIB	: 24 V DC (+6 / -4 V)
Mains voltage	: 230 V AC
Power drain	
Instabus EIB	: max. 150 mW
AC mains	: max. 4 W
Extension	: max. 60 mW per input
Connection	
Instabus EIB	: Pressure contact making on data bar
AC mains, extension	: Screw terminals up to 2,5 mm²
Switching power	
ohmic loads	: 20 to 500 W
incandescent lamps	: 20 to 500 W
HV halogen	: 20 to 500 W
LV halogen with inductive transformer	: 20 to 500 VA
Extension	
Input line length	: max. 500 m
Signal current	: approx. 5 mA, up to 100 mA surge current
Signal voltage	
	“0“ signal : 0 to 50 V AC
	“1“ signal : 161 to 253 V AC
Signal duration	: > 50 ms
Ambient temperature	: -5 °C to +45 °C
max. housing temperature	: 75 °C (T_C)
Storage temperature	: -25 °C to +55 °C
Type of protection	: IP 20
Build-in width	: 70 mm (4 PU)

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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