Powernet Surface-Mounted IP 44 Louver/Switching Actuator with Extension Input

Art. Nr.: 0699 00

System Information

This device is a product of the Gira-Powernet® EIB system and complies with EIBA directives. Detailed technical knowledge obtained in *instabus* or Gira-Powernet® EIB training courses is a prerequisite to proper understanding.
The functionality of this device depends upon the software. Detailed information on loadable software and attainable functionality may be taken from the manufacturer's ETS2 product database as well as from the Gira-Powernet® EIB controller database.

Planning, installation and commissioning of the unit is done by means of the ETS2 software, Ver. 1.1 or later, as well as by the Gira-Powernet® EIB controller.

Function

Depending upon the software used, this louver/switching actuator operates either as a single louver actuator or as a twofold switching actuator.

Connection as Louver Actuator:
Connection as a louver actuator must be established as shown in Figure ①.
With the aid of the louver actuator, a louver is moved up or down through a drive unit.
Connecting two motors to one louver actuator is not possible.
The louver actuator can be locked via the Gira-Powernet® EIB system (e. g. in case of storm). When the louver actuator is locked, the drive goes to the preselected position. Actuation is not possible before unlocking.

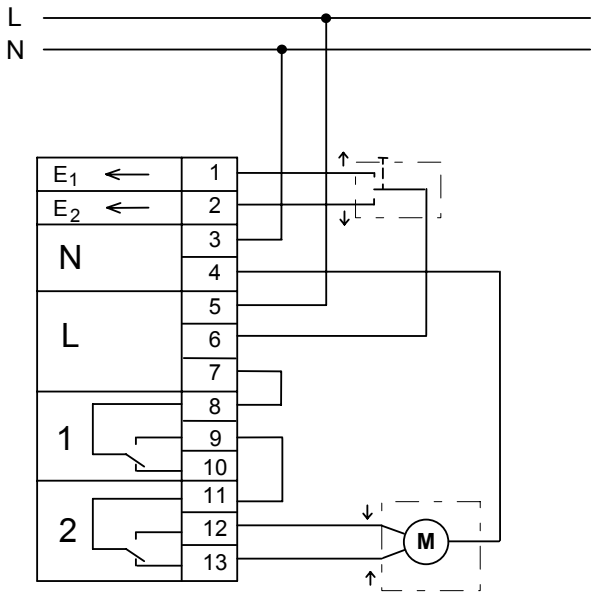

Figure ①

Conventional louver push-buttons can be connected to the extension inputs. The commands triggered through the extensions are available to the Gira-Powernet® EIB system.

Connection as Switching Actuator:
Connection as a switching actuator must be established as shown in Figure ②.
By means of the switching actuator, two different groups of loads can be switched independently of each other.
Conventional switches or push-buttons can be connected to the extension inputs. The inputs operate independently of each other. The commands triggered through the extensions are available to the Gira-Powernet® EIB system.

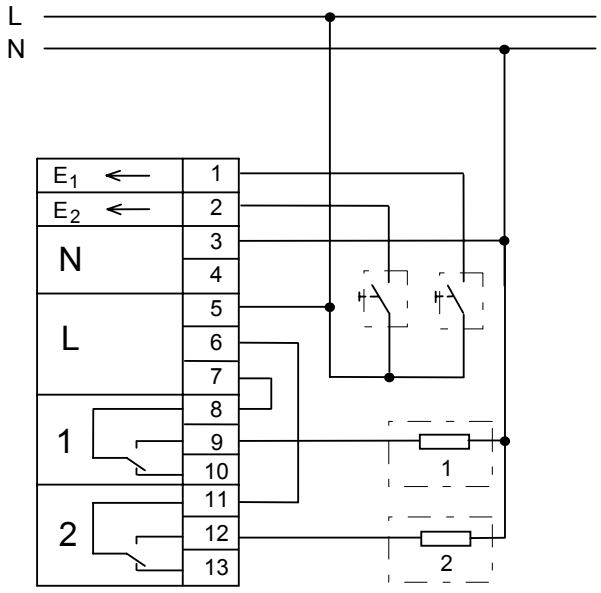

Figure ②

For IP 44, a vertical installation position (condensed water draining hole below) is required.

A 10 A automatic cut-out must be connected in series to protect the equipment.

Warning

Caution! The installation and assembly of electrical equipment may only be performed by a skilled electrician. Do not connect any loads/ types of load other than specified. Hazards that may be caused by motor-driven components must be eliminated by suitable safety measures. The limit switches of the motors connected must be checked for correct alignment.

Specifications

Supply	
Mains voltage	: 230 V AC (sine-wave)
Mains frequency	: 50 Hz
Power Consumption	
Extension	: 60 mW per channel max.
Connection	
Mains, extension	: 2.5 mm² max. plug-in terminals

Switching Capacity	
Resistive load	: 2300 W
Incandescent lamps	: 2300 W
Halogen HV lamps	: 2000 W
Halogen LV lamps, conv. transformer	: 500 VA
Halogen LV lamps, with Tronic transformer	: 1500 W
Fluorescent lamps	
Unbalanced	: 900 W
Twin-lamp circuit	: 1500 W
AC louver motor	: 1000 VA max.
Extension	
Input line length	: 300 m max.
Signal current	: Approx. 5 mA, to 100 mA surge peak
Signal voltage	
“0“ signal	: 0 to 50 V AC
“1“ signal	: 207 to 253 V AC
Ambient temperature	: -5 °C to +45 °C
Max. enclosure temp.	: 75 °C
Storage temperature	: -25 °C to +70 °C
Protective system	: IP 20 acc. to EN 60 529 IP 44 (only in vertical installation position with condensation water draining hole below).
Dimensions (in mm)	: 80 x 55 x 160 (W x H x L)

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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