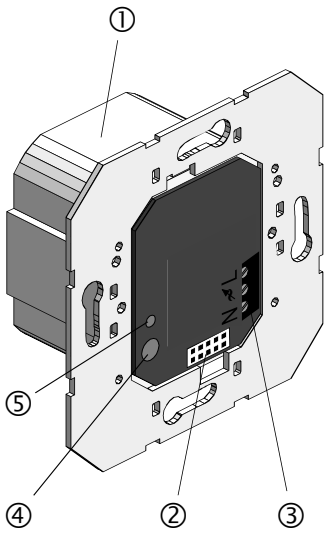
Powernet Single Dimming Actuator Order-No.: 0862 00

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.

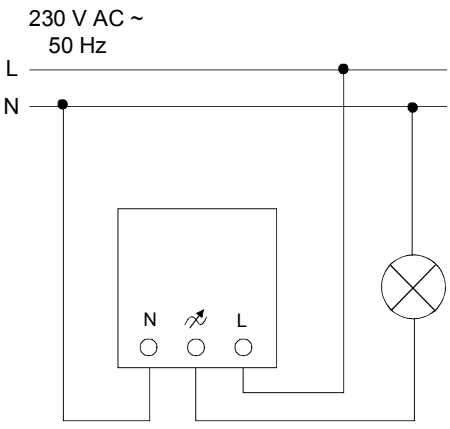
Planning, installation and commissioning of the unit is done by means of the ETS2 software, Ver. 1.1 or later, as well as by the GIRA-Powernet ® EIB controller.

Function



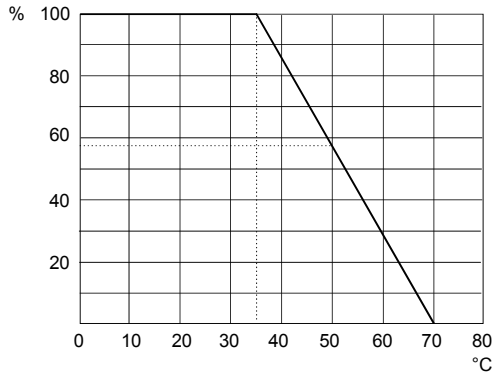
With the aid of the GIRA-Powernet ® EIB dimming actuator, a group of consumers can be triggered.
If touch sensors are plugged on, local operation will be possible (for single touch sensor, even without previous project planning). Further keys can be used for controlling other GIRA-Powernet ® EIB devices.
This device has:
- inrush current limitation by soft start.
- electronic overload/overtemperature protection.
- electronic short-circuit protection.

When the electronic short-circuit or overload/ overtemperature protection responds, the brightness set for the lights connected will go down or a cut-off will be triggered.
Subsequent to the elimination of the short-circuit or overload, the device will be back to normal after a short cool-down period.
Centralised multi-service control pulses from power stations may become perceptible by short-time flickering at low dimming positions.



Installation

Switch off the mains voltage before establishing the electrical connection.
This device is provided for installation in standard 60 mm flush-mounted boxes. Dimming actuator ① should be solely fixed by the supporting ring in connection with the screws provided on the flush-mounted box. User interface (AST) ② is at the bottom.
Connect to the mains via screw terminals ③. Refer to the connection diagram.
This device may only be used with approved covers or touch sensors. The contacting of the touch sensor is made by AST ②.



Assigning the Physical Address
Press programming key ④ on the device. Red LED ⑤ lights up. It will go out upon the takeover of the physical address.

Warning

Caution! The installation and assembly of electrical equipment may only be performed by a skilled electrician.

Subject to technical modifications.

Specifications

Power Supply
Mains voltage: 230 V AC (sine-wave)
Mains frequency: 50 Hz

Connection: Screw terminals, 2.5 mm^2 max.

Switching Capacity
230 V incand. lamps: 40 - 210 W max.
Halogen HV lamps: 40 - 210 W max.
Halogen LV lamps, with Tronic transformer: 40 - 210 W max.

Important notes:
Mixed operation of the loads indicated is possible up to the maximum permissible total power.
A power reduction by 20 % is necessary for installation in:
- multiple combinations,
- gypsum plaster boards, wooden or hollow walls.

For ambient temperatures of more than 35 °C, the power has to be reduced according to the diagram.
Example:
At an ambient temperature of 50 °C, the maximum connectable load reduces to 57% = 119 W.

Non-observance can lead to the destruction of the device.

Short-circuit protection: electronic
Overload protection: electronic

Ambient temperature: -5 °C to +45 °C

Protective system: IP 20

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.

Gira
Giersiepen GmbH & Co. KG
Postfach 1220
D-42461 Radevormwald

Telefon: +49 / 21 95 / 602 - 0
Telefax: +49 / 21 95 / 602 - 339
Internet: www.gira.de