

Powernet Built-In 1 - 10 V Control Unit

Art. Nr.: 0875 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.

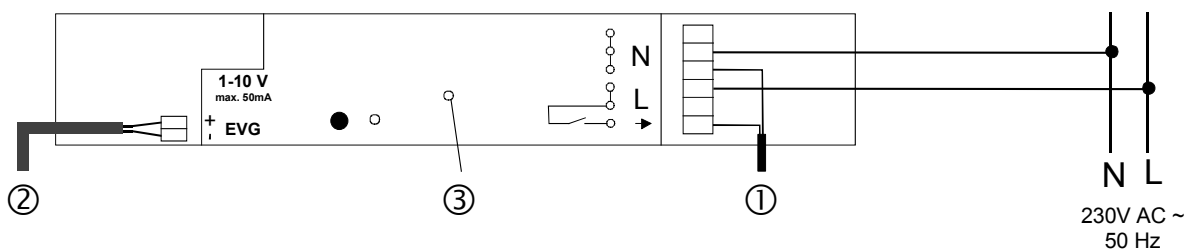
Function

With the aid of this 1 - 10 V control unit, fluorescent lamps with dimmable electronic ballasts provided with a 1 - 10 V interface can be switched or dimmed, respectively. The number of the electronic ballasts which can be switched or dimmed by one control unit depends upon the starting current of the individual electronic ballasts and upon the respective models.

Connection

Establish connection as shown in the opposite illustration. Where:

- ① Switching output to the supply of the electronic ballasts.
- ② 1 - 10 V control output.



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

Adjustment

The basic brightness, i. e. the lower limit of the control voltage, can be adjusted by a trimming potentiometer ③.

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.

Specifications

Supply

Mains voltage : 230 V AC (sine wave)

Mains frequency : 50 Hz

Connection

Mains : Plug-in terminals up to 2.5 mm² max.

1 - 10 V interface : Plug-in terminals up to 0.5 mm² max.

Switching Capacity

Resistive load : 2300 W

Electronic ballast : Depending upon model

1 - 10 V Interface

Input line length : 500 m max. for 0.5 mm²

Signal current : 50 mA max.

Signal durance : 100 % continuous

Ambient temperature : -5 °C to +45 °C

Protective system : IP 20

Dimensions (in mm) : 39.5 x 28.5 x 278.6 (W x H x L)

Minimum distances : 4 cm all around

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



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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