

## Powernet binary input 230 V 4fold

Art. Nr.: 0432 00

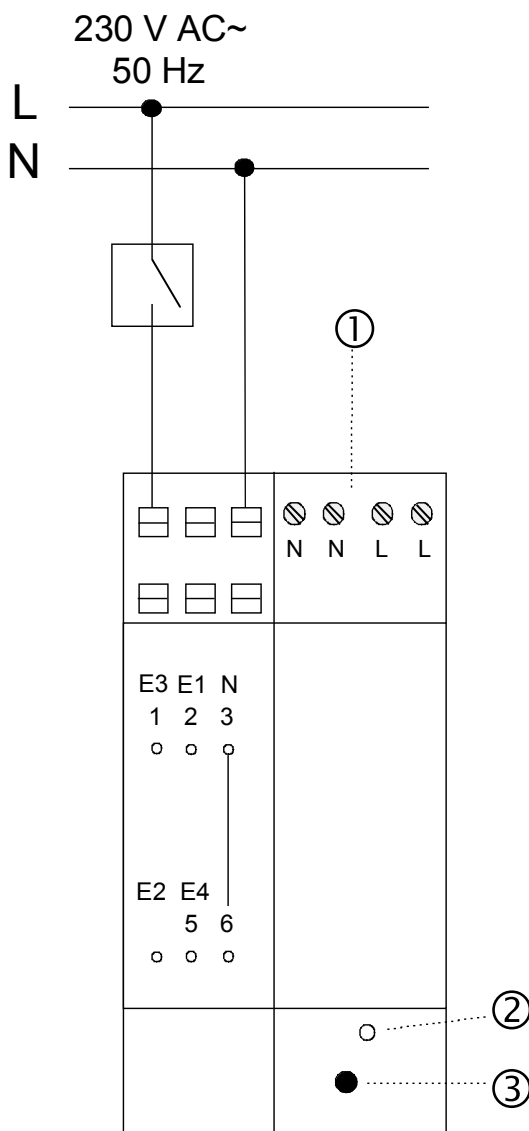
## System Information

This device is a product of the GIRA-Powernet<sup>®</sup> EIB system and complies with EIBA directives.

Detailed technical knowledge obtained in *instabus* or GIRA-Powernet<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> EIB controller.



## Function

By their signal inputs, the binary input recognises the application and the change of the signal voltage potential and, depending upon their parameterisation, transmits commands to the GIRA-Powernet<sup>®</sup> EIB System.

The unit has four independent inputs, the input signals of which are processed separately.

## Connection

**Switch off the mains voltage before establishing the electrical connection.**

Establish electrical connection as shown in the opposite illustration.

Where:

- ① GIRA-Powernet<sup>®</sup> EIB connection.
- ② Programming key.
- ③ Programming LED

The connection of different external leads to the channels is admissible.

## Indications of danger

**Caution! The installation and assembly of electrical equipment may be carried out only by a skilled person.**

Subject to change without notice.

## Technical Data

### Supply

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

Power consumption at no-load: ca. 2 VA

### Connection

Powernet: screw terminals  
0,5 - 4 mm<sup>2</sup>, unifilar  
0,5 - 2,5 mm<sup>2</sup> finewire  
0,5 - 2,5 mm<sup>2</sup> finewire with core end bush

Inputs: Plug terminals  
0,5 - 2,5 mm<sup>2</sup>, unifilar  
0,5 - 2,5 mm<sup>2</sup> finewire with pin cable socket  
0,5 - 1,5 mm<sup>2</sup> finewire with core end bush

### Inputs

Number: 4  
Signal voltage "0" - signal: 0 to 100 V AC  
"1" - signal: 198 to 253 V AC  
Signal current: ca. 4 mA  
Signal duration: min. 70 ms

Ambient temperature: -5 °C to +45 °C  
Type of protection: IP 20  
Build-in width: 45 mm (2,5 PU)  
Weight: 180 g

## 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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