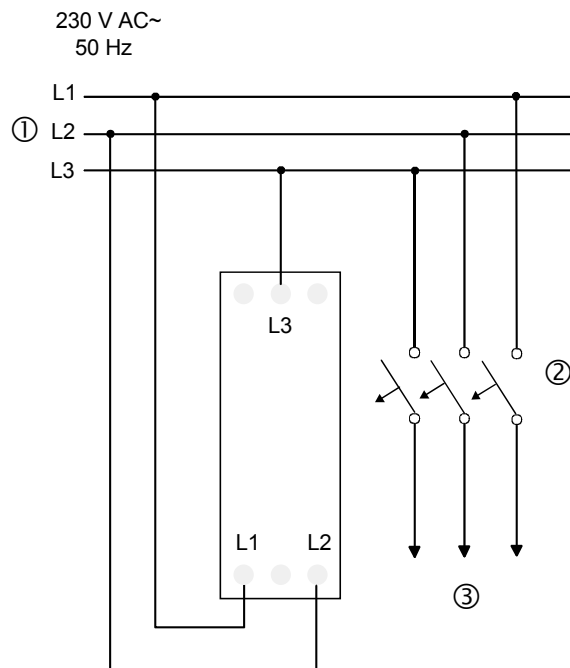


**Powernet Phase Coupler Series-Mounting Device** Art. Nr.: 0518 00**System Information**

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.

**Function**

This phase coupler is provided for series mounting on a DIN top hat rail. The device improves transmission within a Gira-Powernet® EIB system when operating on different phases and increases the capacitive coupling between the phases when, for example, the phase lines in the installation are not laid in parallel (as flat webbed house wire or light plastic-sheathed cable) for at least a few metres.

**Connection**

The device must be snapped onto a DIN top hat rail. Establish connection as shown in the opposite illustration. Where:

- ① Supply line from the house service connection.
- ② Automatic cut-out.
- ③ Consumer supply lines.

This phase coupler must not be connected to points other than the input side of automatic cut-outs ②. When under load, automatic cut-outs produce heat. Therefore, it is recommended that the phase coupler should be installed at the end of a line of automatic cut-outs.

**Warning**

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

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## Specifications

Supply	
Mains voltage	: 230 / 400 V AC (sine wave)
Mains frequency	: 50 Hz
Power consumption	: < 1 W
Connection	: 1 - 4 mm <sup>2</sup> screw terminals
Ambient temperature	: -5 °C to +45 °C
Protective system	: IP 20 acc. to EN 60529
Dimensions	: 1 PU (pitch unit) (18 mm)