

Powernet Band Elimination Filter

Art. Nr.: 0519 00

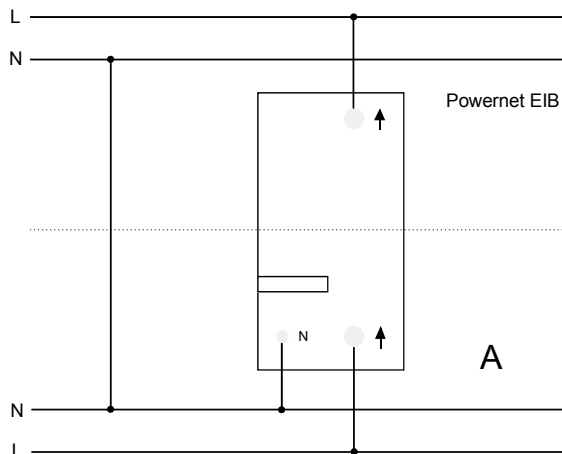
System Information

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 band elimination filter is provided for series mounting on a DIN top hat rail. The device separates adjacent Gira-Powernet® EIB areas from one another, thus preventing transmission to the open network (A) i. e. beyond the bounds of the estate. The Gira-Powernet® EIB equipment used is protected against external interference and noise voltages.

Connection



The device must be installed before the circuits required for signal transmission or directly behind the main fuses or the main residual current operated device, respectively. If, in specific cases, the maximum admissible current of 63 A is not sufficient, the fusing circuits used for transmission must be distributed over several band elimination filters. The device must be snapped onto a DIN top hat rail. Establish connection as shown in Figure ①. The filter effect of the band elimination filter is directional. Ensure the connection is not laterally reversed.

Figure ①

Important

Observe the power derating diagram in Figure ② as a function of the load (permissible rated current in A) and of the ambient temperature (in °C). To avoid reverse coupling of interference via other phases, one band elimination filter is required for **each phase** in a Gira-Powernet® EIB installation. Any lines going out from the device should, if possible, be laid at a great distance from the feeding lines.

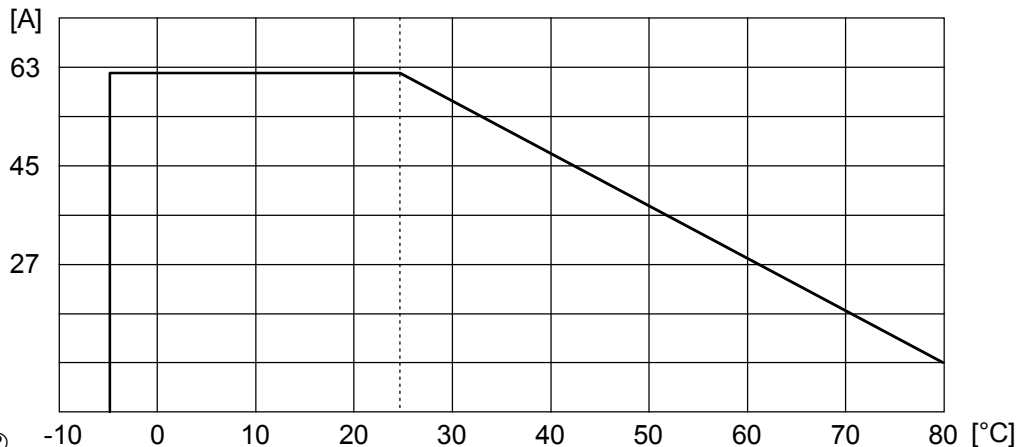


Figure ②

Warning

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

Specifications

Supply

Mains voltage	: 230 V AC (sine wave)
Mains frequency	: 50 Hz
Rated current	: 63 A

Connection

Phase	: Terminals up to 25 mm ² max.
Neutral conductor	: Terminals up to 2.5 mm ² max.

Ambient temperature : -5 °C to +80 °C

Protective system : IP 20 acc. to EN 60529

Dimensions : 2.5 PUs (pitch units) (45 mm)

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.

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