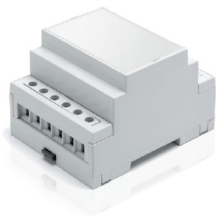


CNW 163

PLC-Filter for DIN rail mounting



Unique Selling Point

- Rated current of 16 A
- limits the signal propagation
- avoids undesirable signal attenuation due to network or device
- Comply to the norm NB 30 and the EC Directive 89/336 / EEC

Description

The PLC filter CNW 163 for DIN-Rail mounting is designed for use in networks that use ripple control technology or Power Line Communication (PLC).

Ripple control signals are used for the control of smart meters in smart grids or devices, such as street lighting, night storage heaters or tariff switching for cheaper electricity.

Power Line Communication (PLC) is the transmission of data in electricity grids and due to the use of existing lines, these communication methods can be implemented quickly and inexpensively. However there are several important considerations such as safety and the immunity from interference.

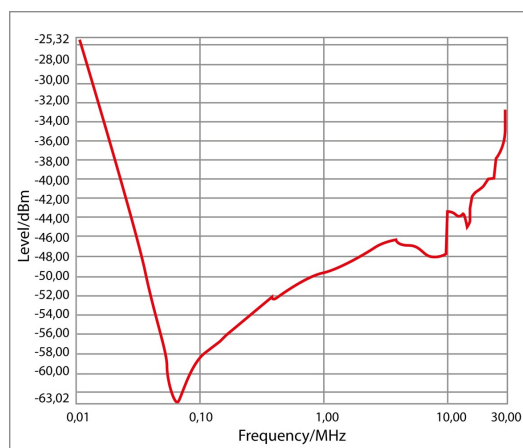
REO PLC filter are used for filtering high-frequency noise from the supply network, especially when the power supply network (eg Internet) is used for data communication. If unchecked this noise can cause interference in the transmitted data and furthermore may be radiated from unshielded mains cables, which can act as unintentional antennae

With the filter CNW 163 signals are filtered in the frequency range from 50 kHz to 20 MHz and the unit helps to comply to the norm NB 30 and the EC Directive 89/336 / EEC and to reduce the maximum noise level of lines that are used in telecommunication applications.

Technical Data

- Nominal Voltage : 250 V
- Rated current : 16 A
- Ableitstrom : <3,5 mA

Typical attenuation curve



CNW 163

PLC-Filter for DIN rail mounting

Technical data Daten

Type	Rated voltage [V]	Rated current [A]	Leakage current [mA]	Cx [μ F]	L [mH]	R [M Ω]
CNW 163/16	250	16	<3,5	1,5	8,17	0,56

Dimensions

Type	L	B	H
CNW 163/16	105	90	53

Dimension drawing

