Single-phase EMC Filters (2 connections) with High Attenuation
Book style (16 A - 63 A)

Series CNW 200
Type CNW 201/...

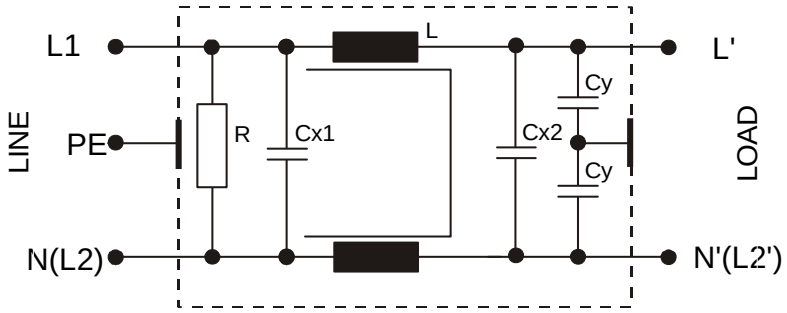
Applications:

Controlled single phase drives with frequency inverter.

- **Packing machines**
- **Automatic production machines**
- **Cranes**
- **Pumping apparatus**

conforming to VDE 0565-3/ IEC 950/ UL 1283	Test voltage L-L 2100 V, DC 1 s L-PE 2700 V, DC 1s
Overload 1.5 x rated current 1 min / h	Climatic rating DIN IEC 68 Teil 1 25/085/21

Circuit example



Benefits:

- Compact design
- Reduced weight
- Easy installation
- Reduced losses
- Mechanical stress reduction
- Low heating
- low noise
- simple connection
- Temperature reduction
- Reduced harmonic distortions
- Improved power factor
- Reduces tripping
- Semiconductor life extended
- CE Mark

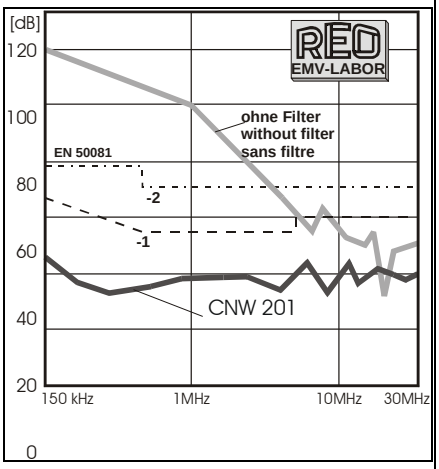
Technical data

Type	Rated voltage [V]	Rated current [A] 45°C	Leakage current [mA]	ΣL [mH]	ΣCx [µF]	ΣCy [nF]	Rx [k]	Ry [k]
CNW 201/16/250	250V	16	<1.0	2	4	20	560	--
CNW 201/30/250		30	<1.0	1.3	4	20	560	--
CNW 201/50/250		50	<1.0	1	4	20	560	--
CNW 201/63/250		63	<1.0	0.9	4	20	560	--
CNW 201/16/440	440V	16	<1.0	2	1.3	20	560	--
CNW 201/30/440		30	<1.0	1.3	1.3	20	560	--
CNW 201/50/440		50	<1.0	1	1.3	20	560	--
CNW 201/63/440		63	<1.0	0.9	1.3	20	560	--

Frequency: 50/60 Hz

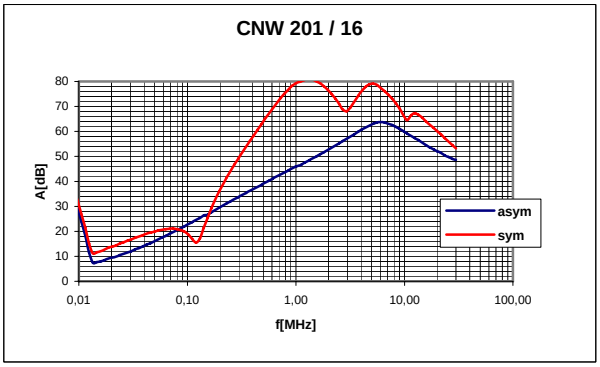
By using the REO-Type
CNW 201 1-phase-filters, noise levels are reduced to within the European Standard limits specified in EN 50081-2.
In installations conforming to EMC standards it is even possible to meet the more stringent limits required for residential use.

-1 Residential area
-2 Industrial area



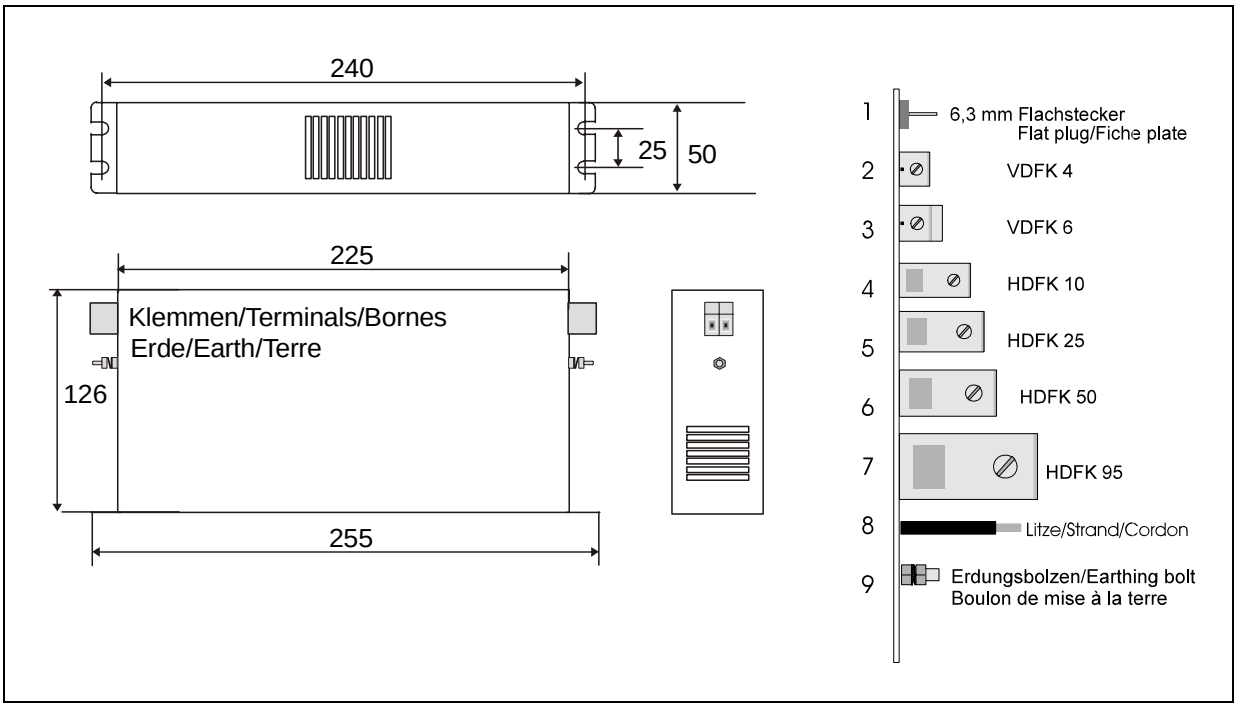
Example Insertion loss

Other insertion losses on request



Per CISPR 17
Blue graph 50Ω/50Ω asym. Red graph 50Ω/50Ω sym.

Dimension Drawing



Type	Dimensions							Connections		
	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	B1 [mm]	B2 [mm]	H1 [mm]	Input	Output optional	
CNW 201/16/250	See Dimensions							2	8 (1.5 mm^2)	2
CNW 201/30/250								3	8 (4 mm^2)	3
CNW 201/50/250								4	8 (6 mm^2)	4
CNW 201/63/250								4	8 (10 mm^2)	4
CNW 201/16/440								2	8 (1.5 mm^2)	2
CNW 201/30/440								3	8 (4 mm^2)	3
CNW 201/50/440								4	8 (6 mm^2)	4
CNW 201/63/440								4	8 (10 mm^2)	4