

Three-phase EMC filters (3 connections)
High Attenuation
Book style (7 A – 180 A)

Series CNW 200
Type CNW 208

Applications:

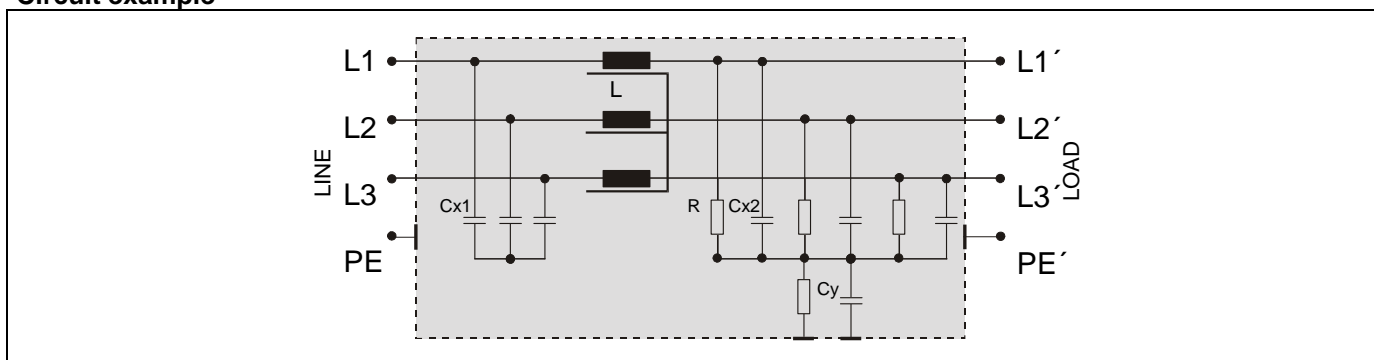
Controlled Three phase drives with frequency inverter.

- 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:		
<ul style="list-style-type: none"> • Compact design • Reduced weight • Easy installation • Reduced losses • Mechanical stress reduction 	<ul style="list-style-type: none"> • Low heating • low noise • simple connection • Temperature reduction • Reduced harmonic distortions 	<ul style="list-style-type: none"> • Improved power factor • Reduces tripping • Semiconductor life extended • CE Mark

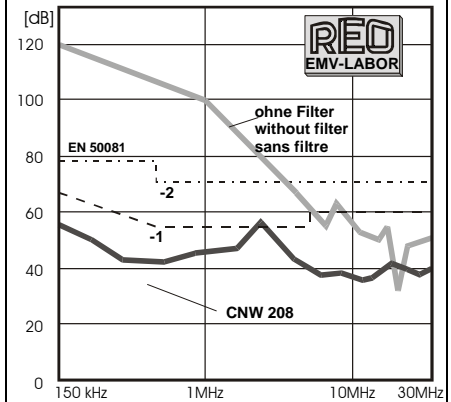
Technical data

Type	Rated voltage [V]	Rated current [A]	Leakage current [mA]	ΣL [mH]	ΣCx [μF]	ΣCy [μF]	Rx [M Ω]	Ry [M Ω]
CNW 208 / 7	3 x 480	7	35	3	4.4	2.2	0.56	0.56
CNW 208 / 16		16	35	1.7	4.4	2.2	0.56	0.56
CNW 208 / 30		30	35	1	6.6	2.2	0.56	0.56
CNW 208 / 42		42	35	0.8	6.6	2.2	0.56	0.56
CNW 208 / 55		55	35	0.7	6.6	2.2	0.56	0.56
CNW 208 / 75		75	35	0.6	8.8	2.2	0.56	0.56
CNW 208 / 100		100	35	0.5	8.8	2.2	0.56	0.56
CNW 208 / 130		130	35	0.4	8.8	2.2	0.56	0.56
CNW 208 / 180		180	35	0.3	8.8	2.2	0.56	0.56

Frequency: 50 / 60 Hz

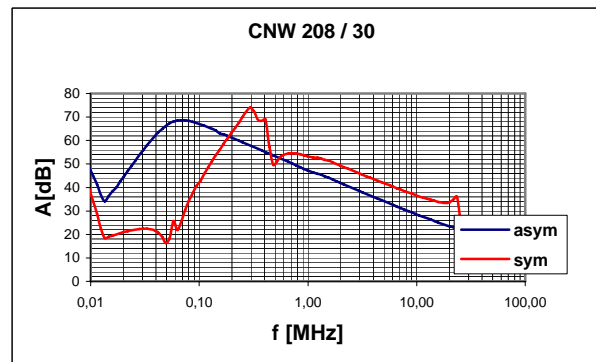
By using the REO-Three-phase mains filter CNW 208 the noise level is reduced under the maximum value prescribed by the European Standard EN 50081-2.

- 1 Residential area
- 2 Industrial area



Example Insertion loss

Other insertion losses on request

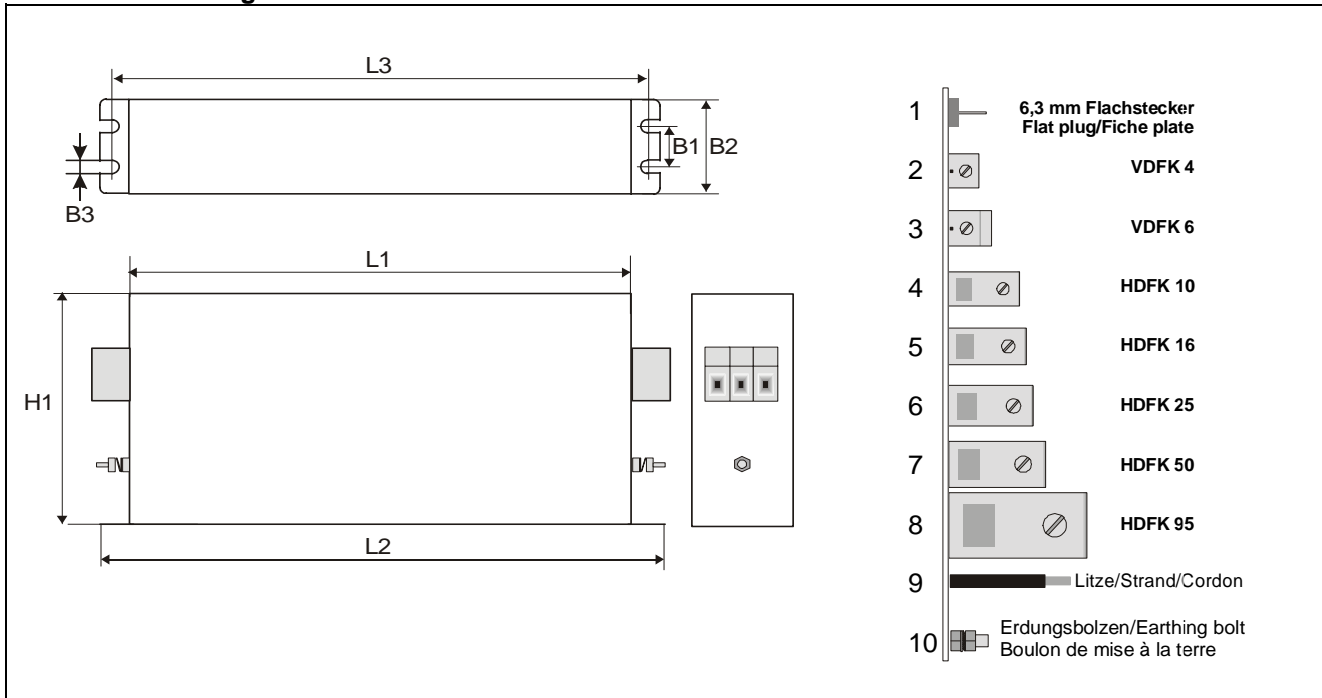


Per CISPR 17

Blue graph 50 Ω /50 Ω asym.

Red graph 50 Ω /50 Ω sym.

Dimension Drawing



Type	Dimensions							Connections		
	L1 [mm]	L2 [mm]	L3 [mm]	B1 [mm]	B2 [mm]	B3 [mm]	H1 [mm]	Input	Output	PE PE PE
CNW 208 / 7	160	190	180	20	40	5.5	70	2	2	M5
CNW 208 / 16	220	250	235	25	45	5.5	70	2	2	M5
CNW 208 / 30	240	270	255	30	50	5.5	85	3	3	M5
CNW 208 / 42	280	310	295	30	50	5.5	85	4	4	M6
CNW 208 / 55	220	250	235	60	85	5.5	90	4	4	M6
CNW 208 / 75	240	270	255	60	80	6.5	135	5	5	M6
CNW 208 / 100	240	270	255	65	90	6.5	150	7	7	M10
CNW 208 / 130	240	270	255	65	90	6.5	150	7	7	M10
CNW 208 / 180	350	380	365	102	120	6.5	170	8	8	M10