Contatti REO Italia:
+39 030 279 3883 •
info@reoitalia.it

CNW 105

Three-phase mains filters (4 lines, single stage)



Unique Selling Point

- compact construction
- easy installation
- low temperature rise
- good damping performance at
- a low leakage current
- touch-proof terminals

Description

Applications: Power supply units for data systems engineering, telecommunications, medical equipment and industrial applications

- Conforming to: VDE 0565-3 / IEC 950 / UL 1283
- Test voltage: L-L 2100 V, DC 1s, L-PE 2700 V, DC 1s
- Overload: 1,5 x I 1 min/h
- Climatic category: DIN IEC 68 Teil 1 25/085/21

Technical Data

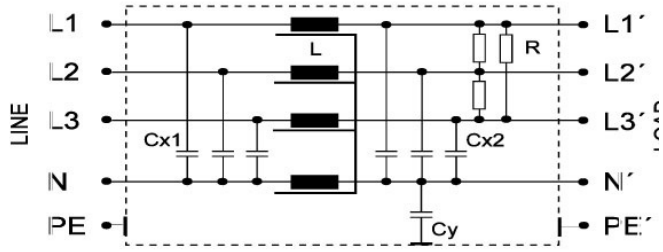
- Nominal Voltage : 480 V
- Rated current : 3 - 150 A

Recommended filter for suppressing interference according to EN 55011, Class A and EN 61800-3, category C2.

By using a REO three-phase mains filter CNW 105 the noise level is reduced below the prescribed maximum value.

REO mains filters are suitable for individual and collective suppression. For collective suppression: As long as the rated current for each phase remains below the permissible extent, multiple devices can be suppressed.

Circuit example



Contatti REO Italia:
+39 030 279 3883 •
info@reoitalia.it

CNW 105

Three-phase mains filters (4 lines, single stage)

Technical data

Type	Rated voltage [V]	Rated current [A]	Leakage current [mA]	Cx [µF]	Cy [nF]	L [mH]	R [kOhm]
CNW 105/3	3 x 480	4 x 3	<3,5	0,5	40	4,0	560
CNW 105/6		4 x 6	<3,5	0,5	40	2,4	560
CNW 105/10		4 x 10	<3,5	0,5	40	1,0	560
CNW 105/16		4 x 16	<7	1	43	1,6	560
CNW 105/25		4 x 25	<7	1	43	1,4	560
CNW 105/36		4 x 36	<7	2,2	44	1,2	560
CNW 105/50		4 x 50	<7	2,2	44	0,75	560
CNW 105/80		4 x 80	<14	3,5	110	0,5	560
CNW 105/120		4 x 120	<14	3,5	110	0,25	560
CNW 105/150		4 x 150	<14	3,5	110	0,35	560

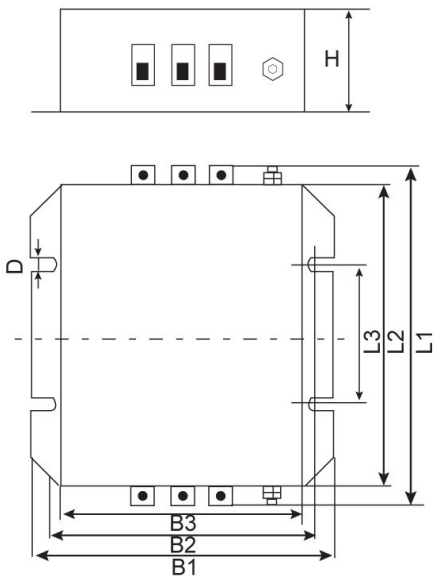
Last modified: 01.02.2019. All data is provided to the best of our knowledge and awareness and is subject to error and amendment.

Contatti REO Italia:
+39 030 279 3883 •
info@reoitalia.it

CNW 105

Three-phase mains filters (4 lines, single stage)

Dimensions



Type	Housing	Connection	PE-Connection	B1 [mm]	B2 [mm]	B3 [mm]	D [mm]	H [mm]	L1 [mm]	L2 [mm]	L3 [mm]
CNW 105/3	A	6,3 mm Flat plug	6,3 mm Flat plug	53	---	---	5,3	40	110	100	90
CNW 105/6	A	6,3 mm Flat plug	6,3 mm Flat plug	53	---	---	5,3	40	110	100	90
CNW 105/10	A	6,3 mm Flat plug	6,3 mm Flat plug	53	---	---	5,3	40	110	100	90
CNW 105/16	B	Klemme 4mm2	Earthing bolt (M5)	98	88	70	5,3	70	172	150	90
CNW 105/25	B	Terminals 6mm2	Earthing bolt (M5)	98	88	70	5,3	70	179	150	90
CNW 105/36	B	Terminals 10mm2	Earthing bolt (M5)	148	130	120	7,0	70	270	240	160
CNW 105/50	B	Terminals 25mm2	Earthing bolt (M6)	148	130	120	7,0	70	278	240	160
CNW 105/80	B	Terminals 25mm2	Earthing bolt (M8)	168	150	140	7,0	110	278	240	160
CNW 105/120	B	Terminals 50mm2	Earthing bolt (M12)	168	150	140	7,0	110	327	240	160
CNW 105/150	B	Terminals 50mm2	Earthing bolt (M12)	168	150	140	7,0	110	327	240	160

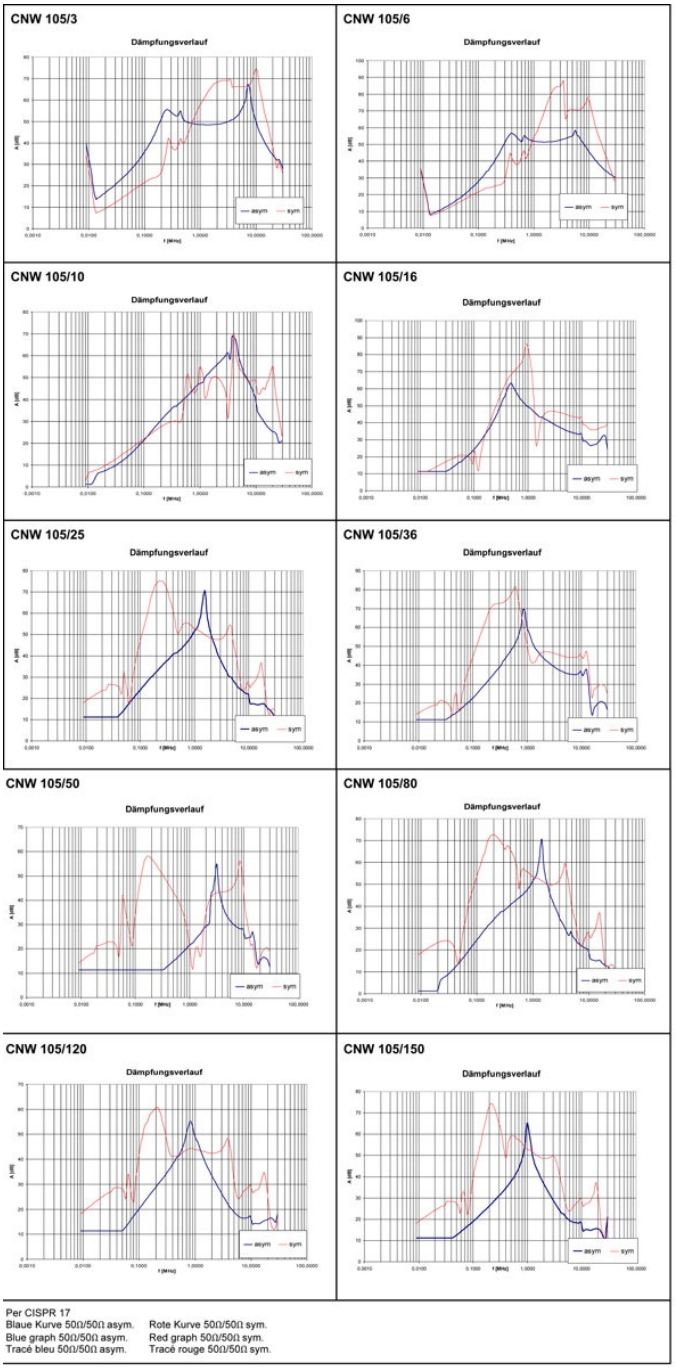
Last modified: 01.02.2019. All data is provided to the best of our knowledge and awareness and is subject to error and amendment.

Contatti REO Italia:
+39 030 279 3883 •
info@reoitalia.it

CNW 105

Three-phase mains filters (4 lines, single stage)

Insertion loss



Last modified: 01.02.2019. All data is provided to the best of our knowledge and awareness and is subject to error and amendment.