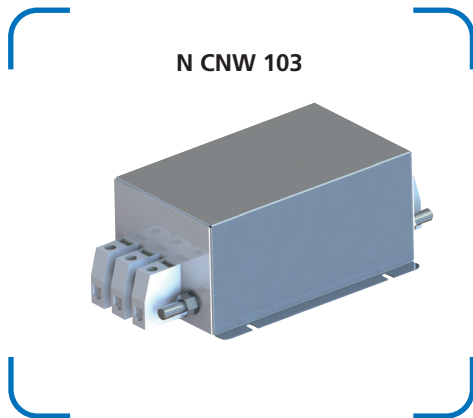


N CNW 103

Three phase mains filter, single-stage, three wire



Advantages

- Small dimensions
- Quick connection
- Low temperature rise
- Touch-proof terminals
- Good damping performance at a low leakage current
- Useable for industrial applications

Technical data

N CNW 103								
Type	Rated voltage [V]	Rated current [A]	Leakage current [mA]	Cx [μ F]	Cy [nF]	L [mH]	R [kOhm]	Frequency [Hz]
N CNW 103/3	3x500	3x3	<1	0,5	30	3,0	1,12	50/60 Hz
N CNW 103/6		3x6		0,5		2,2		
N CNW 103/10		3x10		0,5		1,7		
N CNW 103/16		3x16		1,0	39	1,5		
N CNW 103/25		3x25		1,0		1,2		
N CNW 103/36		3x36	<1,5	2,2	60	1,5		
N CNW 103/50		3x50		2,2		0,9		
N CNW 103/80		3x80	<5	2,75	197	0,4		
N CNW 103/120		3x120				0,25		
N CNW 103/150		3x150				0,8		
N CNW 103/180		3x180				0,8		

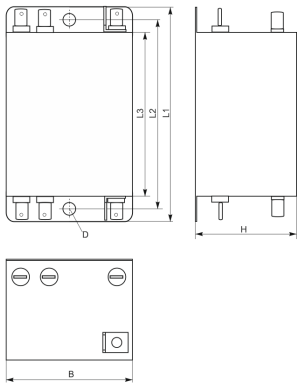


Typical applications: Frequency converters for motor drives e.g. lifts, materials handling, pumps, ventilation and air-conditioning systems, industrial applications, wind power installations and power supply units

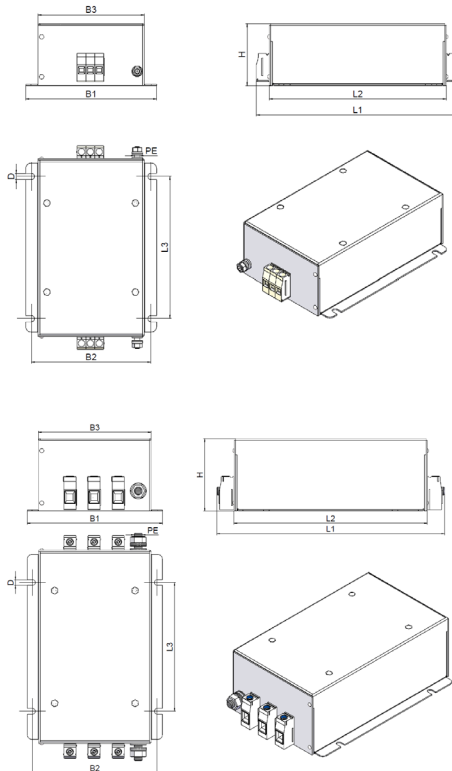
Dimensions in mm

N CNW 103											
Type	Housing	Connection	PE-Connection	Dimensions [mm]							
				B1 [mm]	B2 [mm]	B3 [mm]	D [mm]	H [mm]	L 1 [mm]	L 2 [mm]	L 3 [mm]
N CNW 103/3	A	Flat plug 6,3 mm	AMP flat plug	53	-	-	5,3	40	110	100	90
N CNW 103/6				53	-	-	5,3	40	110	100	90
N CNW 103/10				53	-	-	5,3	40	110	100	90
N CNW 103/16	B	Clamps 4mm ²	Earthing bolt (M6)	98	80	70	5,0	70	177	150	90
N CNW 103/25		Clamps 6mm ²		98	80	70	5,0	70	179	150	90
N CNW 103/36		Clamps 10mm ²		148	135	120	7,0	70	229	200	160
N CNW 103/50		Clamps 16mm ²	148	135	120	7,0	70	238	200	160	
N CNW 103/80		Clamps 25mm ²	Earthing bolt (M10)	168	155	140	7,0	90	303	240	160
N CNW 103/120		Clamps 50mm ²	Earthing bolt (M12)	168	155	140	7,0	90	331	240	160
N CNW 103/150		Clamps 95mm ²		168	155	140	7,0	90	331	240	160
N CNW 103/180				168	155	140	7,0	90	339	240	160

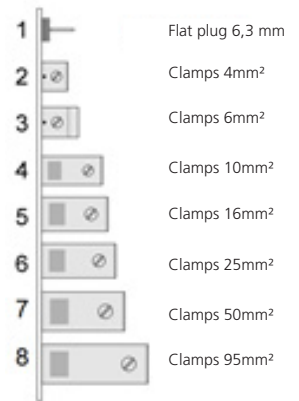
Housing A



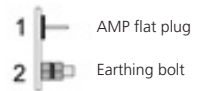
Housing B



Connections



PE-Connections



Circuit example

