

Power Line Filters Three Phase

High Performance

13-PWB Series

Features

- Excellent attenuation for high voltage impulse
- Metal case provides effective EMI shielding
- Epoxy molded for internal component reliability
- Excellent filtering characteristics for both normal and common mode
- Various current ratings available: from 5 to 150 Amps
- Operating temperature: -40°C to +85°C
- Designed for 3-phase, 4-line power systems

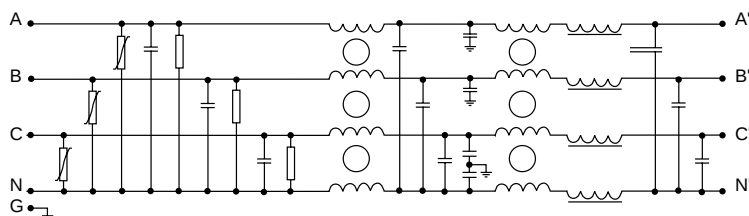
Applications

- Power supplies for data systems
- Industrial equipment (UPS, inverters and converters)
- Automation equipment
- Telecommunications systems and equipment

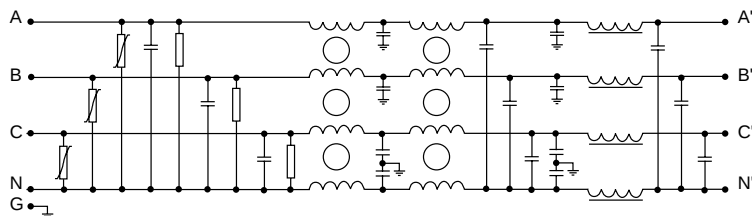


Circuit Diagram

Circuit 1



Circuit 2



Specifications

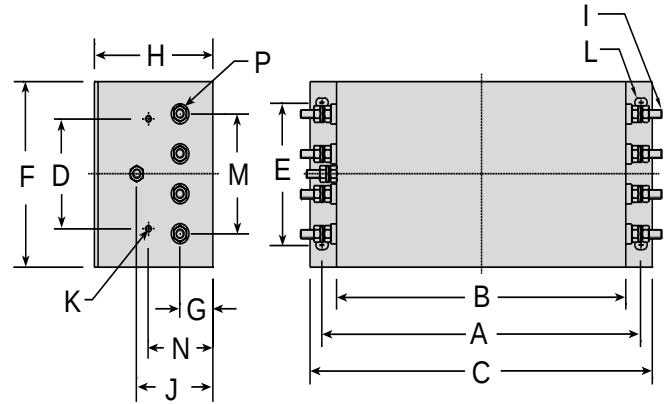
Model	Rated Voltage (@ 50/60Hz)	Rated Current	Leakage Current (Max.)	Circuit Diagram	Temperature Rise (Max.)
	480/277VAC		4.5mA	1	30°C
13-PWB-010-12-B		10A			
13-PWB-020-12-B		20A			
13-PWB-035-12-C		35A			
13-PWB-050-13-C		50A	9.0mA	2	
13-PWB-080-14-D		80A	20mA		
13-PWB-100-14-D		100A			
13-PWB-150-14-E		150A			

Note: Test Voltage 1500VAC one minute, line to ground.
Insulation Resistance: 300 MΩ min. at 500VDC.
Voltage Drop: 1V max. at rated current.

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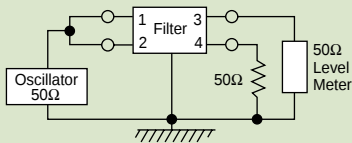


Dimensions

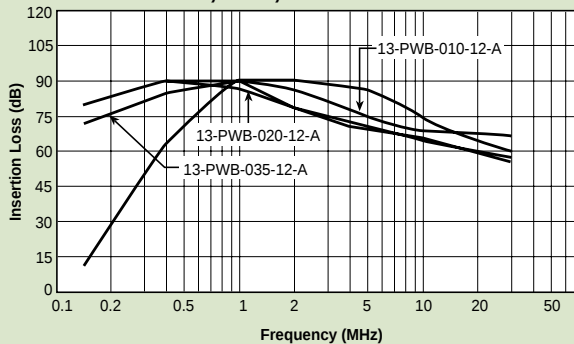
Dimensions in inches (mm)

Model	A	B	C	D	E	F	G	H	I	J	K	M	N	P	L
13-PWB-010-12-B				2.4 (60)	1.7 (44)	3.9 (100)			M4	1.8 (45)	—	—	—	M4	.25 x .37 (6.4 x 9.5)
13-PWB-020-12-B	9.6 (243)	8.7 (220)	10.3 (261)				.98 (25)								.25 x .38 (6.4 x 9.6)
13-PWB-035-12-C				3.1 (81)	3.8 (96)	4.9 (125)		3.5 (90)	M6	2.3 (58)		2.9 (74)	1.9 (49)	M6	.25 x .38 (6.4 x 9.7)
13-PWB-050-13-C															.25 x .38 (6.4 x 9.8)
13-PWB-080-14-D				3.9 (99)	6.1 (155)	7.3 (185)	1.2 (30)				M4		2.2 (56)	M8	.25 x .39 (6.4 x 9.9)
13-PWB-100-14-D	13.9 (354)	12.6 (320)	15.1 (384)						M8	2.4 (62)		3.4 (86)			.25 x .36 (6.4 x 9.10)
13-PWB-150-14-E					7.5 (190)	8.7 (220)	1.4 (35)	3.9 (100)					2.4 (61)		.25 x .36 (6.4 x 9.11)

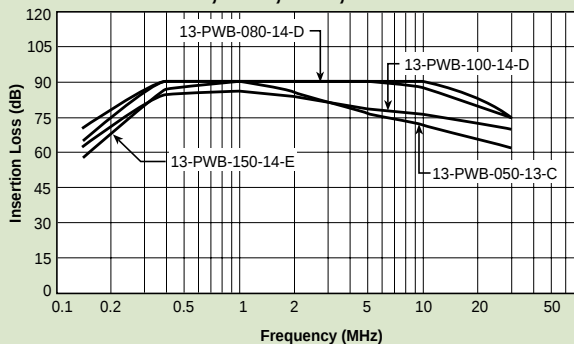
Common Mode



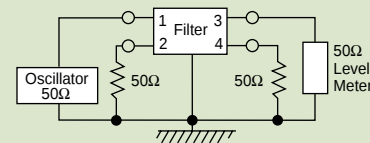
13-PWB-010;-020;-035



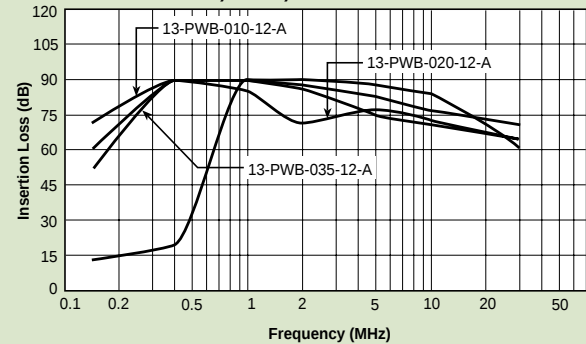
13-PWB-050;-080;-100;-150



Normal Mode



13-PWB-010;-020;-035



13-PWB-050;-080;-100;-150

