

Power Line Filters

Three Phase

High Performance

13-PDB 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 200 Amps
- Operating temperature: -40°C to +85°C
- Designed for 3-phase, 3-line connection systems

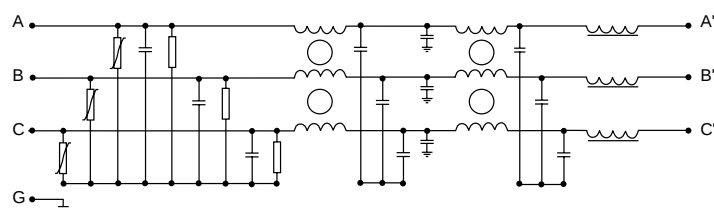
Applications

- Digital equipment
- Industrial equipment (UPS, inverters and converters)

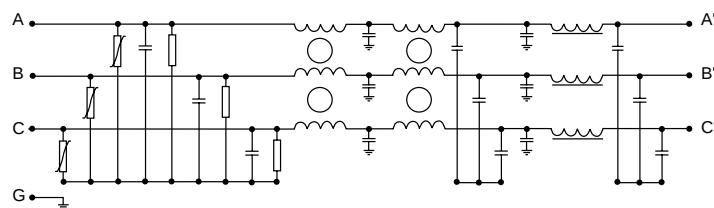


Circuit Diagram

Circuit 1



Circuit 2



Specifications

Model	Rated Voltage (@ 50/60Hz)	Rated Current	Leakage Current (Max.)	Circuit Diagram	Temperature Rise (Max.)
13-PDB-005-12-A	440/250VAC	5A	4.5mA	1	30°C
13-PDB-010-12-A		10A			
13-PDB-020-12-B		20A			
13-PDB-035-12-B		35A			
13-PDB-050-13-B		50A	9.0mA		
13-PDB-080-13-C		80A			
13-PDB-100-14-C		100A	20mA	2	
13-PDB-150-14-C		150A			
13-PDB-200-14-D		200A			

Note: Test Voltage 2250VDC one minute, line to ground.
Insulation Resistance: 500MΩ.

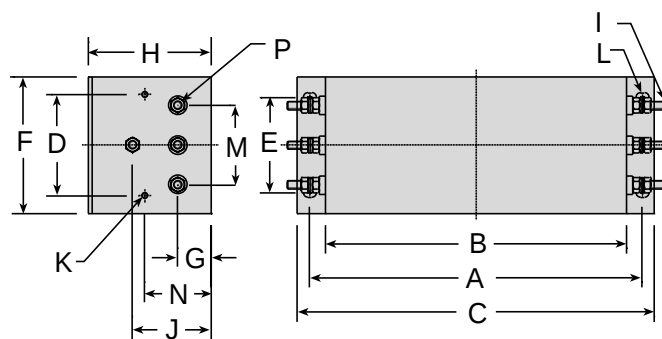
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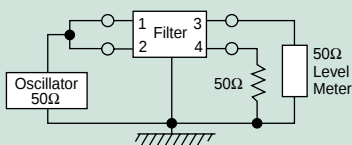
Dimensions



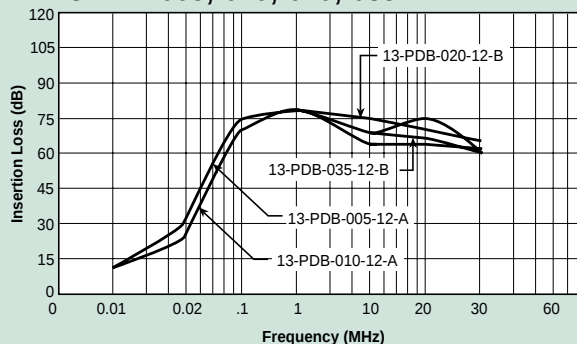
Dimensions in inches (mm)

Model	A	B	C	D	E	F	G	H	I	J	K	M	N	P	L
13-PDB-005-12-A	7.2 (184)	6.3 (160)	7.9 (202)	1.6 (42)	2.4 (60)	3.3 (86)	.70 (18)	2.3 (58)	M4	1.5 (38)	—	—	—	M4	.25 x .37 (6.4 x 9.4)
13-PDB-010-12-A															.25 x .37 (6.4 x 9.5)
13-PDB-020-12-B															.25 x .38 (6.4 x 9.6)
13-PDB-035-12-B	9.6 (243)	8.7 (220)	10.3 (261)	2.3 (58)	2.7 (70)	3.9 (100)	.98 (25)	3.5 (90)	M6	2.3 (58)	M4	2.9 (74)	1.9 (49)	M6	.25 x .38 (6.4 x 9.7)
13-PDB-050-13-B															.25 x .38 (6.4 x 9.8)
13-PDB-080-13-C															.25 x .39 (6.4 x 9.9)
13-PDB-100-14-C	13.9 (354)	12.6 (320)	15.1 (384)	2.5 (66)	6.1 (155)	7.3 (185)	1.2 (30)	3.9 (100)	M8	2.4 (62)	M4	3.3 (86)	2.2 (56)	M8	.25 x .36 (6.4 x 9.10)
13-PDB-150-14-C															.25 x .36 (6.4 x 9.11)
13-PDB-200-14-D					7.5 (190)	8.6 (220)	1.4 (35)								.25 x .36 (6.4 x 9.12)

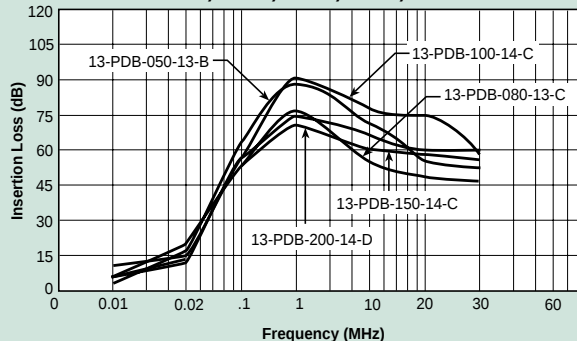
Common Mode



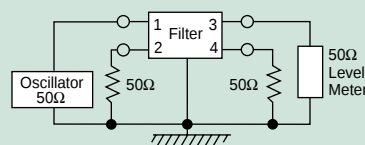
13-PDB-005;-010;-020;-035



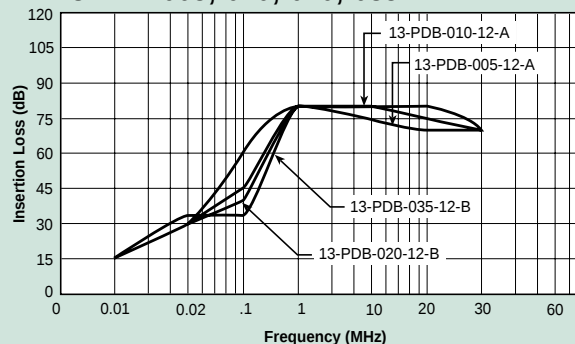
13-PDB-050;-080;-100;-150;-200



Normal Mode



13-PDB-005;-010;-020;-035



13-PDB-050;-080;-100;-150;-200

