Features:

- RFI Filter Module Combines IEC Connector, Fusing, Optional Voltage Select and On/Off Switch into a Single, Space-Efficient Assembly
- Enhanced Low Frequency Response with No Resonant Peaks
- Fully Shielded for Radiative Noise Control
- Accepts Either U.S. or European Standard Fuse Sizes. Dual or Single Power Line Fusing

Specifications:

Rated Voltage: 250VAC Maximum - 50/60 Hz

Rated Current:

115VAC	250VAC
10A	10A

Current Overload: 6X for 8 seconds

Hi-Pot Test (1 min):

Line to Ground	1500VAC
Line to Line	2250VDC

Insulation Resistance: 9 x 10^9 Ω at 100VDC

Ambient Temperature: 40°C Max at rated current

Humidity Range: 0% to 95% R.H.

Termination:

- QC – Quick Connect
- IEC Receptacle

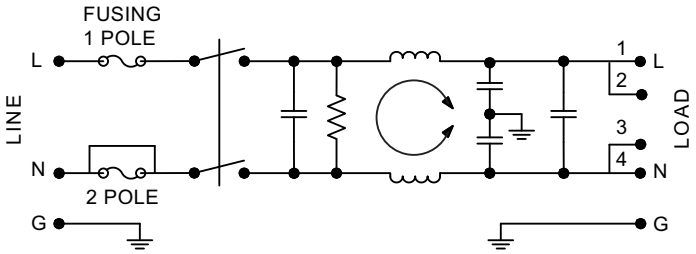
Maximum Leakage Current:

Each Line to Ground	PE1	PE1-PO
115VAC, 60Hz:	0.25mA	0.4mA
250VAC, 50Hz:	0.40mA	.75mA

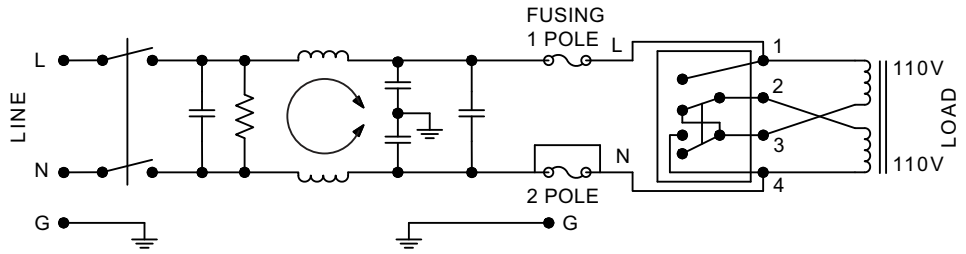
Voltage Select Card: Installed in 120VAC position unless otherwise specified

Agency Approvals:

PE1 Series Simplified Schematic without Voltage Selector



PE1 Series Simplified Schematic with Voltage Selector

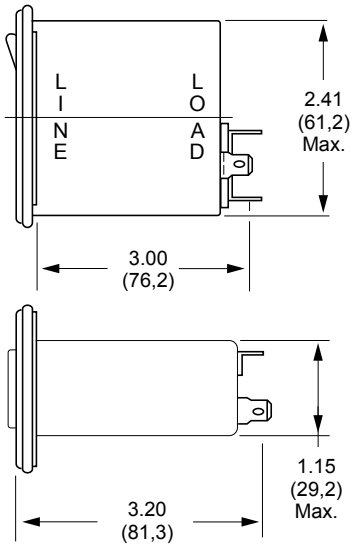


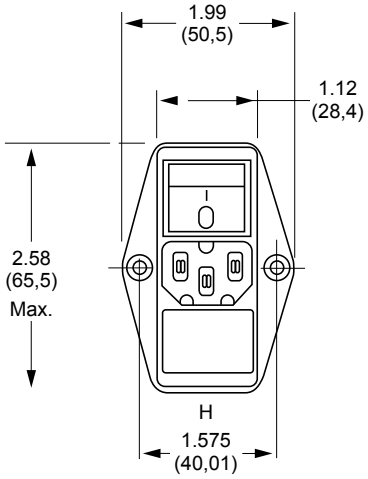
Nominal Current Rating	Part Number	Termination Line/Load	MINIMUM INSERTION LOSS - dB (50 ohm Circuit)							
			MODE	Frequency - MHz						
				.05	.15	.50	.10	5.0	10	30
10A	**PE1XXX10**	IEC/QC	Common	10	20	30	38	45	50	50
			Differential	**10**	**20**	**30**	**35**	**55**	**60**	**55**
	PE1XXXP0	IEC/QC	Common	13	24	33	38	48	54	54
			Differential	**10**	**20**	**30**	**35**	**65**	**65**	**55**

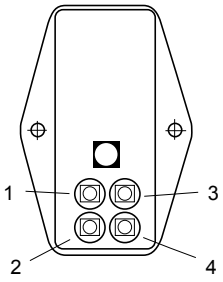
NOTE: Other combinations of terminals may be specified on special order.

PE1
(10Amp)
Dimensions

Refer to Standard Mounting Cutouts on Page 58







How to Order

PE1 X X X X 0

SERIES
PE = Power Entry
PM = Medical Power Entry

MOUNTING METHOD & FUSING
6 = Screw Mount Metric or U.S. Fuse*
8 = Screw Mount 2 Metric or U.S. Fuses
*U.S. Fuse not available without voltage selector

VOLTAGE SELECTOR
0 = No Selector
3 = 115-230 VAC

OPTIONS
(Consult Factory)
1 = Standard Units
P = High Performance Insertion Loss

CURRENT RATING
0 = 10 AMP

SWITCH
0 = No Switch
1 = SPST Rocker Switch
2 = DPST Rocker Switch

INSTALLATION INSTRUCTION IMPORTANT – CHANGING FUSE/VOLTAGE

PE1

To change fuse, remove power cord. Remove voltage selector and replace fuse. Reinsert fuse holder. To change the operating voltage on the PE1 Series, remove the power cord and rotate fuse holder block until desired voltage aligns with the mark on the module housing.

- Filter shipped without fuse.

Always use caution when selecting and changing fuses and voltage requirements. Curtis Industries is not responsible for malfunction due to improper installation/selection of fuse and/or voltage select.