

Specifications:

Rated Voltage: 250VAC Maximum - 50/60 Hz

Rated Current:

115VAC	250VAC
3A	3A
6A	6A

Current Overload: 6X for 8 Seconds

Hi-Pot Test (1 min):

Line to Ground	1500VAC
Line to Line	1768VDC

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:

- IEC Receptacle
- Wire Wrap/Solder

Maximum Leakage Current:

Each Line to Ground	PE7, PE 8
115VAC, 60Hz:	0.25mA
250VAC, 50Hz:	0.40mA

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

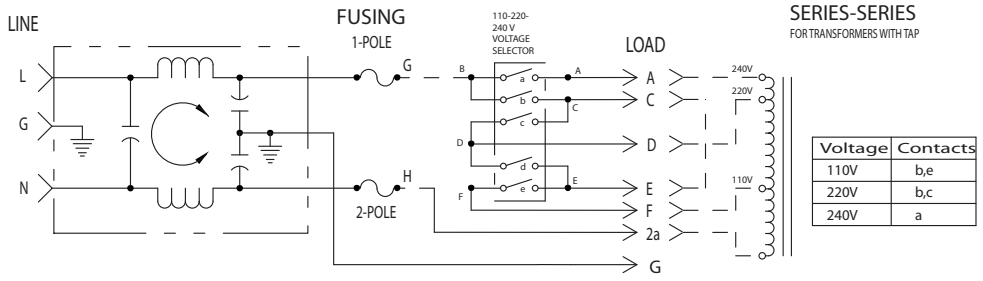
Agency Approvals:

Refer to Page 55 for Ordering Instructions

Features:

- RFI Filter Module Combines IEC Connector, Fusing, and Voltage Select Features in One Unit
- PE7 Series Filters Provide 20% More Differential Mode Attenuation Than Comparable Units
- Accepts Either U.S. or European Standard Fuse Sizes

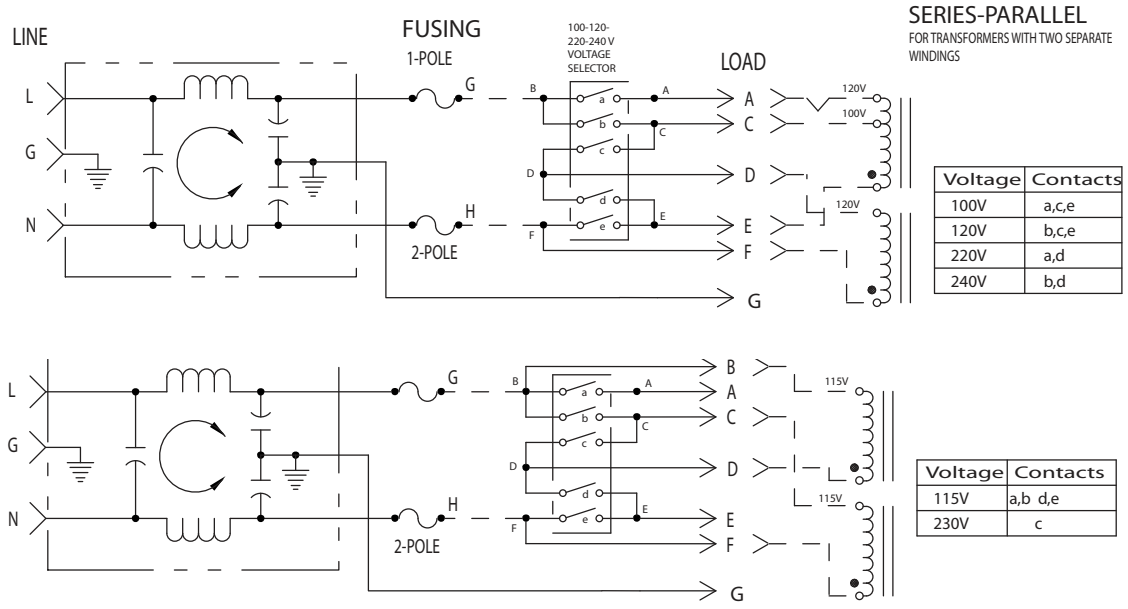
PE7 Series Simplified Schematic



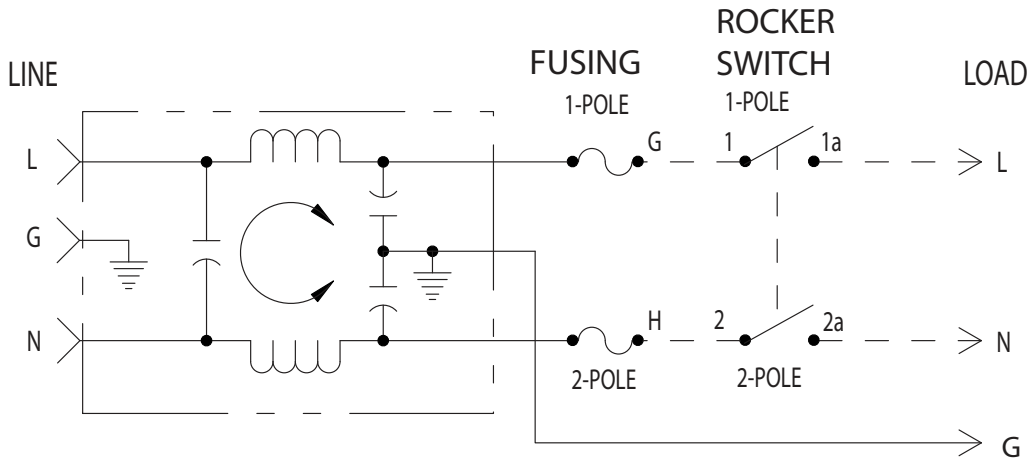
Nominal Current Rating	Part Number	Termination Line/Load	MINIMUM INSERTION LOSS - dB (50 ohm Circuit)						
			MODE	Frequency - MHz .15	.50	1.0	5.0	10	30
3A	**PE7XXX03** **PE8XXX03**	IEC/Solder Tabs	Common **Differential**	18 **8**	24 **18**	30 **24**	45 **46**	45 **50**	50 **40**
6A	**PE7XXX06** **PE8XXX06**	IEC/Solder Tabs	Common **Differential**	10 **8**	19 **18**	24 **24**	39 **39**	44 **40**	50 **40**

Specifications subject to change.
Dimensions are shown for reference purposes only.

PE7 Series Simplified Schematic

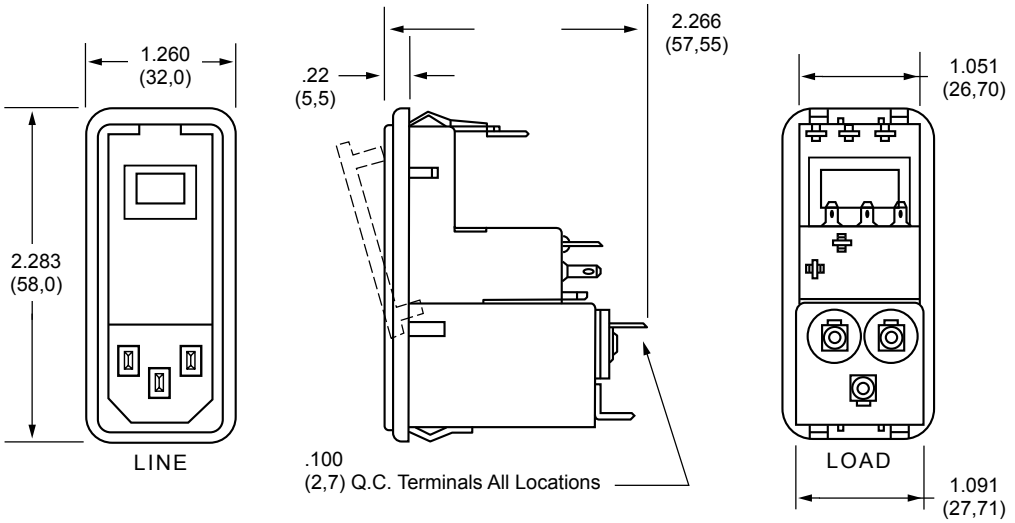


PE8 Series Simplified Schematic



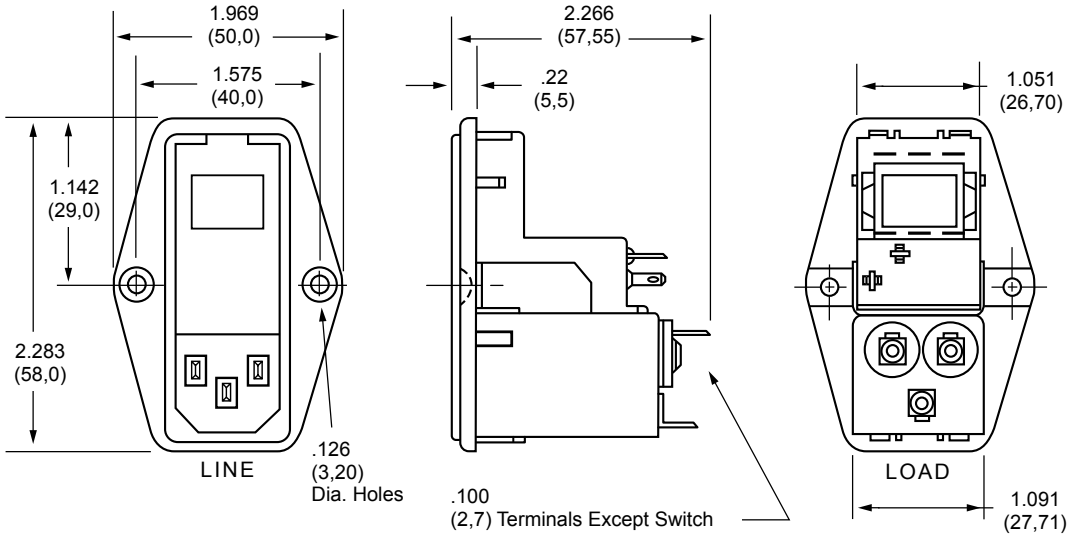
PE7/PE8
Snap-Mount Series
(3 and 6Amp) Dimensions

Refer to Page 55 for Standard Mounting Cutouts



PE7/PE8
Screw-Mount Series
(3 and 6Amp) Dimensions

Refer to Page 55 for Standard Mounting Cutouts



Curtis Industries
A Division of Powers Holdings, Inc.

Specifications subject to change.
Dimensions are shown for reference purposes only.

How to Order

PE7
PE8 **X** **X** **X** **X** **X**

SERIES
PE = Power Entry

MOUNTING METHOD & FUSING
0 = Snap Mount Metric Fuse
1 = Snap Mount U.S. Fuse
2 = Snap Mount 2 Metric Fuse
3 = Snap Mount 2 U.S. Fuses
6 = Screw Mount Metric Fuse
7 = Screw Mount U.S. Fuse
8 = Screw Mount 2 Metric Fuses
9 = Screw Mount 2 U.S. Fuses

VOLTAGE SELECTOR
0 = No Selector (PE80 Series)
1 = 110-220-240 VAC
2 = 100-120-220-240 VAC
3 = 115-230 VAC

SWITCH
0 = No Switch
1 = SPST Rocker Switch w/Q.C.
2 = DPST Rocker Switch w/Q.C.

OPTIONS
(Consult Factory)
0 = Standard Units

CURRENT RATING
3 = 3 AMP
6 = 6 AMP

INSTALLATION INSTRUCTION IMPORTANT – CHANGING FUSE/VOLTAGE

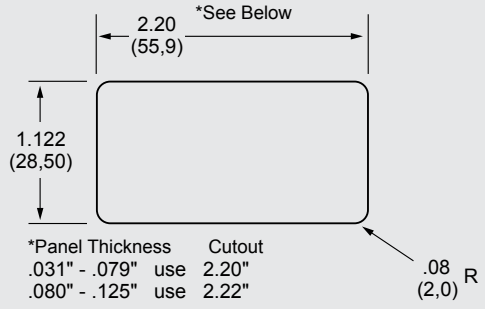
PE7/PE8

To change fuse, remove power cord and open the front cover on the module. Remove fuse holder and replace fuse. Reinsert fuse holder and close cover. To change the operating voltage on the PE7 Series, remove the power cord and open front cover. Rotate voltage select wheel until desired voltage appears in window of cover.

- Filter shipped without fuse.

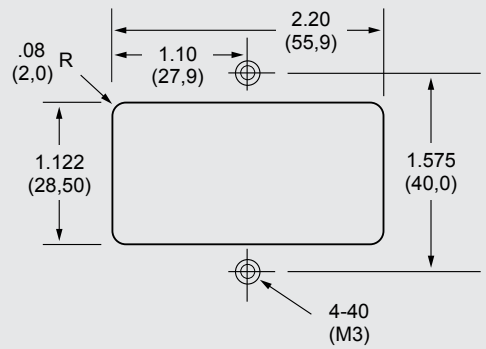
Always use caution when selecting and changing fuses and voltage requirements. Curtis Industries is not responsible for malfunction due to improper installation/selection of fuse and/or voltage select.

PE7/PE8 Snap-Mount Series



*Panel Thickness Cutout
.031" - .079" use 2.20"
.080" - .125" use 2.22"

PE7/PE8 Screw Mount Series



Dimensions are in inches and millimeters unless otherwise specified.
Values in parentheses are metric equivalents.