# PE7/PE8 Series







### 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:**  $9 \times 10^9 \Omega$  at 100VDC**Ambient Temperature:**  $40^{\circ}C$  Max. at Rated Current

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

Termination:

IEC ReceptacleWire Wrap/Solder

#### **Maximum Leakage Current:**

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

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

Agency Approvals:







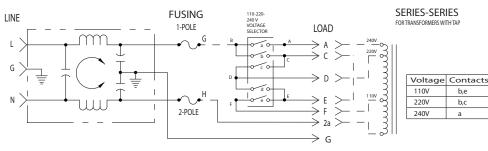


Refer to Page 55 for Ordering Instructions

#### 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

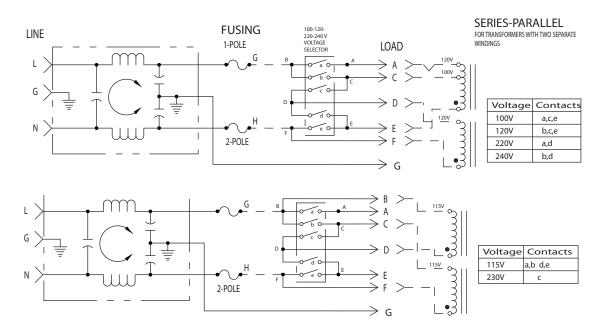
#### **PE7 Series Simplified Schematic**



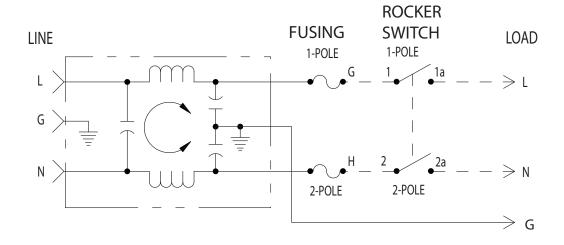
Nominal Current Rating	Part Number	Termination Line/Load	MINIMUM INSERTION LOSS - dB (50 ohm Circuit)						
			MODE	Frequency - MHz					
				.15	.50	1.0	5.0	10	30
3A	PE7XXX03	IEC/Solder	Common	18	24	30	45	45	50
3A	PE8XXX03	Tabs	Differential	8	18	24	46	50	40
6A	PE7XXX06 PE8XXX06	IEC/Solder Tabs	Common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



## **PE7 Series Simplified Schematic**



### **PE8 Series Simplified Schematic**



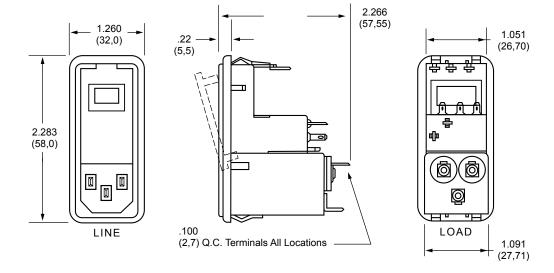
# PE7/PE8 Series (continued)

## PE7/PE8

## **Snap-Mount Series**

(3 and 6Amp) Dimensions

Refer to Page 55 for Standard Mounting Cutouts

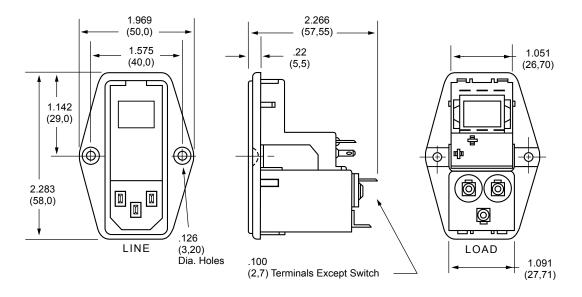


## PE7/PE8

## **Screw-Mount Series**

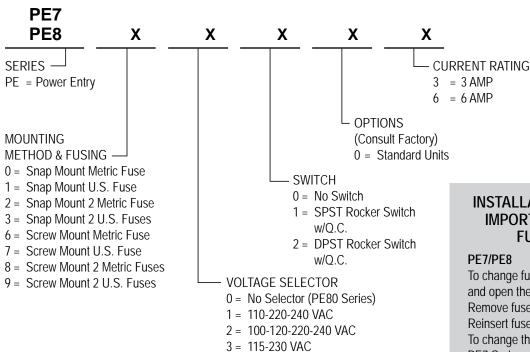
(3 and 6Amp) Dimensions

Refer to Page 55 for Standard Mounting Cutouts





#### How to Order



#### 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 \*See Below 2.20 (55,9)1.122 (28,50)\*Panel Thickness Cutout .031" - .079" use .080" - .125" use .08 (2,0) R 2.20"

