

## Specifications:

Rated Voltage: 250VAC Maximum - $50 / 60 \mathrm{~Hz}$
Rated Current: 115VAC 250VAC
3A $3 A$

6A 6A
Current Overload: 6X for 8 Seconds
Hi-Pot Test (1 min):

| Line to Ground | 1500VAC |
| :--- | :--- |
| Line to Line | 1768 VDC |

Insulation Resistance: $9 \times 10^{9} \Omega$ at 100VDC
Ambient Temperature: $40^{\circ} \mathrm{C}$ 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, $60 \mathrm{~Hz}:$ | 0.25 mA |
| 250VAC, $50 \mathrm{~Hz}:$ | 0.40 mA |

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 |
| 3 A | $\begin{aligned} & \text { PE7XXX03 } \\ & \text { PE8XXX03 } \end{aligned}$ | IEC/Solder Tabs | Common Differential | $\begin{array}{r} 18 \\ 8 \end{array}$ | $\begin{aligned} & 24 \\ & 18 \end{aligned}$ | $\begin{aligned} & 30 \\ & 24 \end{aligned}$ | $\begin{aligned} & 45 \\ & 46 \end{aligned}$ | $\begin{aligned} & 45 \\ & 50 \end{aligned}$ | $\begin{aligned} & 50 \\ & 40 \end{aligned}$ |
| 6A | $\begin{aligned} & \text { PE7XXX06 } \\ & \text { PE8XXX06 } \end{aligned}$ | $\begin{aligned} & \text { IEC/Solder } \\ & \text { Tabs } \end{aligned}$ | Common Differential | 10 8 | $\begin{aligned} & 19 \\ & 18 \end{aligned}$ | $\begin{aligned} & 24 \\ & 24 \end{aligned}$ | 39 39 | 44 40 | $\begin{aligned} & 50 \\ & 40 \end{aligned}$ |

## PE7 Series Simplified Schematic



## PE8 Series Simplified Schematic



## P-7/P-8 Series

## PE7IPE8

## Snap-Mount Series

(3 and 6Amp) Dimensions
Refer to Page 55 for Standard Mounting Cutouts


## PE7IPE8

## Screw-Mount Series

(3 and 6Amp) Dimensions
Refer to Page 55 for Standard Mounting Cutouts


## How to Order

PE7
. Fuse

| $\quad X$ |
| :--- |
|  |
|  |
|  |

$2=$ 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
$3=115-230 \mathrm{VAC}$

## INSTALLATION INSTRUCTION IMPORTANT - CHANGING FUSEIVOLTAGE

## PE7IPE8

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



PE7IPE8 Screw Mount Series


