

PM7/PM8 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°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 **PM7, PM 8**
115VAC, 60Hz: 0.002mA
250VAC, 50Hz: 0.005mA

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

Agency Approvals:

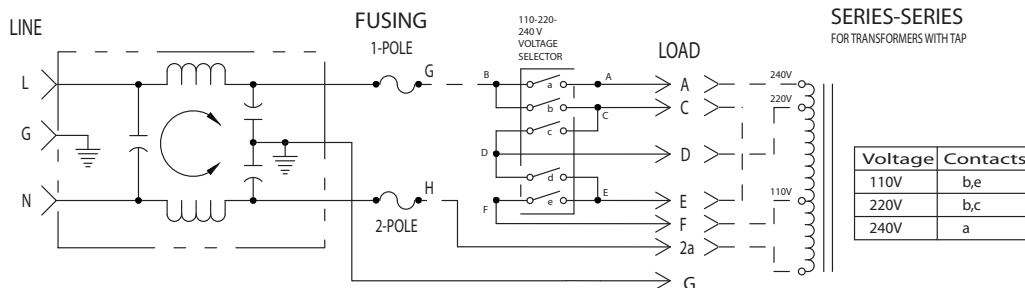


Features:

- RFI Filter Module Combines IEC Connector, Fusing, and Voltage Select Features in One Unit
- PM7 Series Filters Provide 20% More Differential Mode Attenuation Than Comparable Units
- Accepts Either U.S. or European Standard Fuse Sizes
- Available to UL/IEC 60601 Standard and Meets UL 544 Specification for Medical and Dental Applications

Refer to Page 80 for Ordering Instructions

PM7 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	PM7XXX03 PM8XXX03	IEC/Solder Tabs	Common	14	20	22	24	22	15
			Differential	8	18	24	46	50	40
6A	PM7XXX06 PM8XXX06	IEC/Solder Tabs	Common	10	15	18	18	18	15
			Differential	8	18	24	39	40	40

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

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



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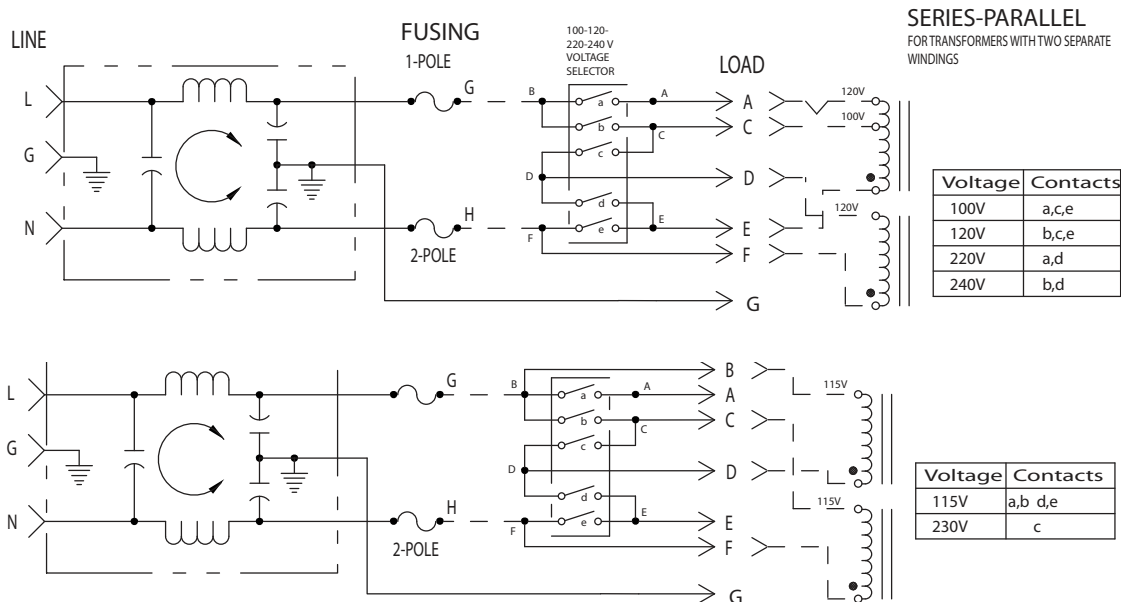
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Combination

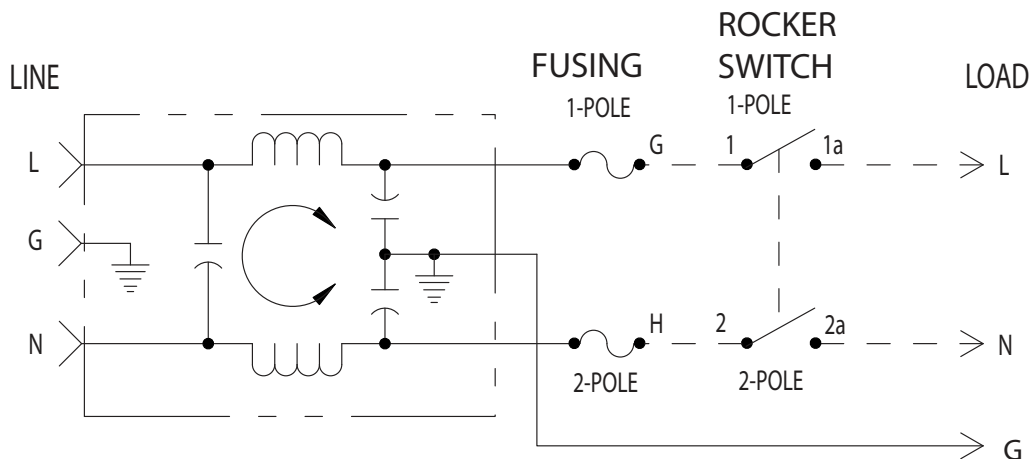
MEDICAL FILTERS

PM7/PM8 Series *(continued)*

PM7 Series Simplified Schematic

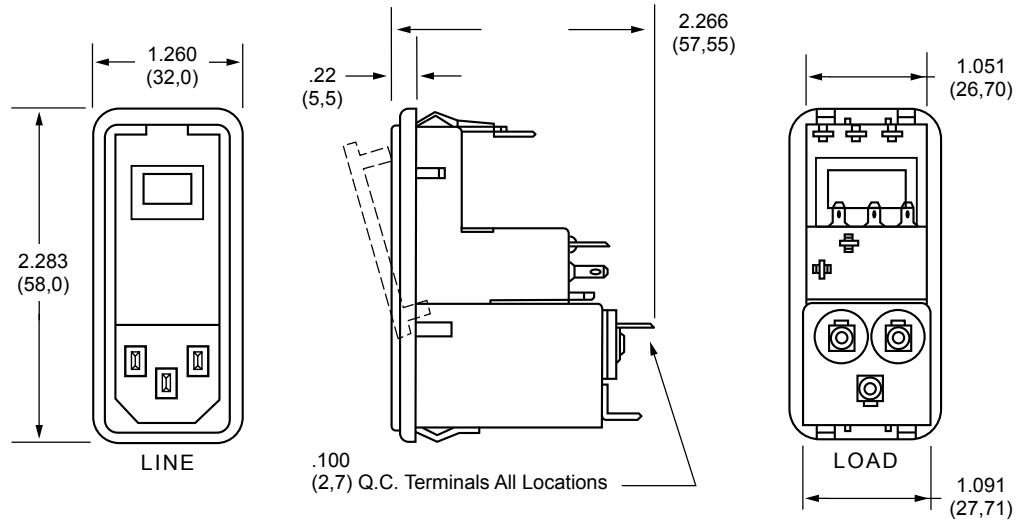


PM8 Series Simplified Schematic



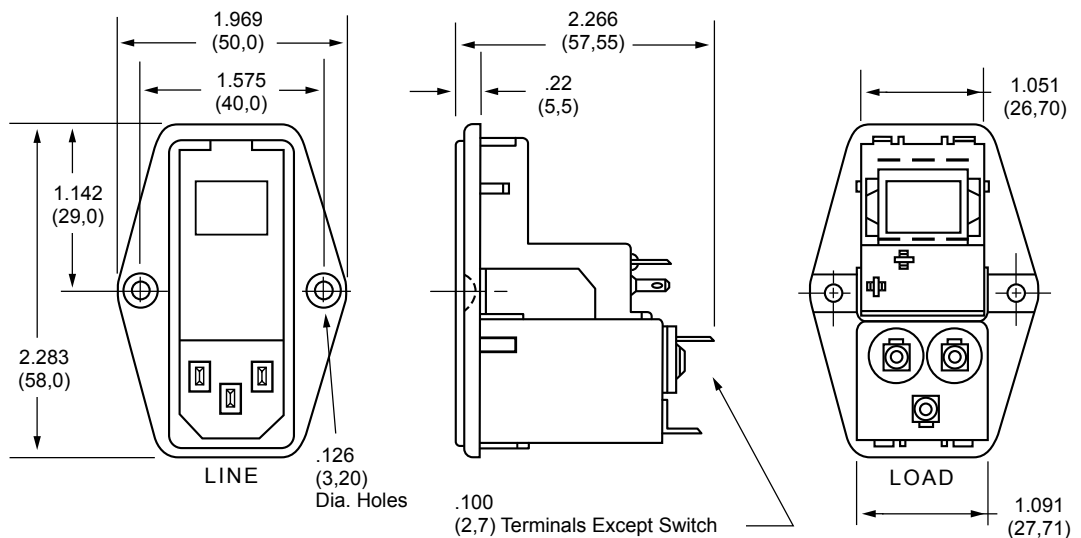
PM7/PM8 Snap-Mount Series (3 and 6Amp) Dimensions

Refer to Page 80
for Standard
Mounting Cutouts



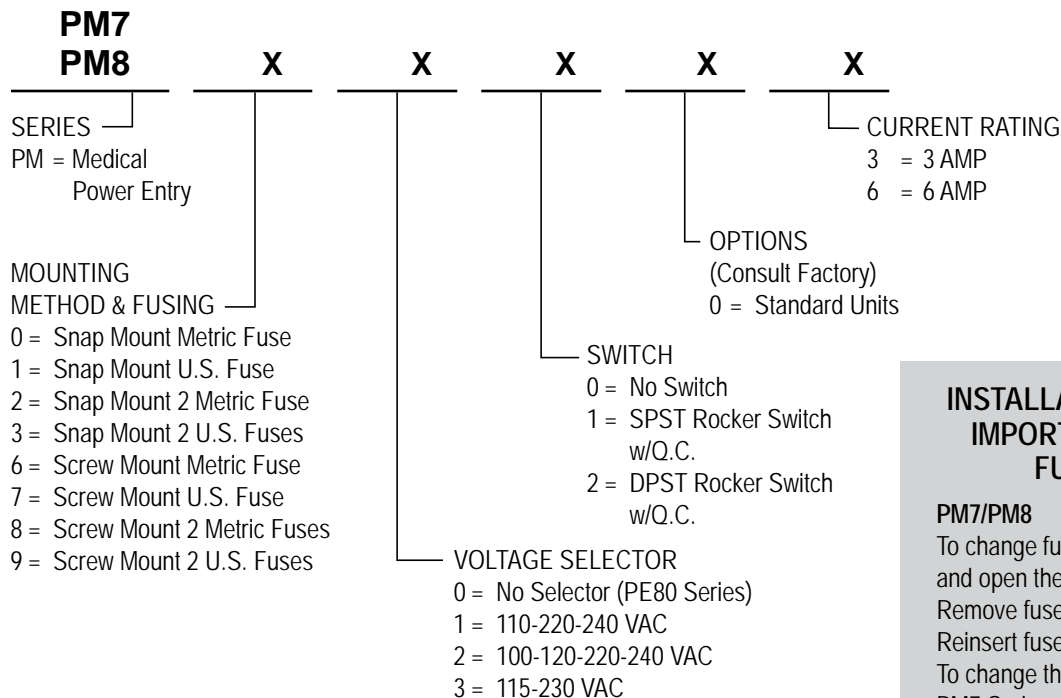
PM7/PM8 Screw-Mount Series (3 and 6Amp) Dimensions

Refer to Page 80
for Standard
Mounting Cutouts



PM7/PM8 Series *(continued)*

How to Order



INSTALLATION INSTRUCTION IMPORTANT – CHANGING FUSE/VOLTAGE

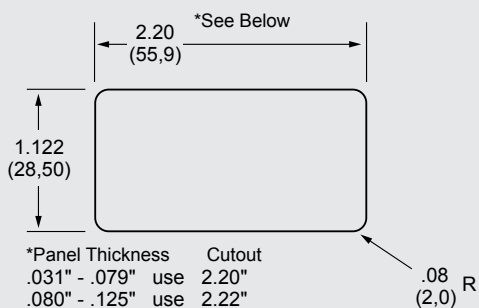
PM7/PM8

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 PM7 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.

PM7/PM8 Snap-Mount Series



PM7/PM8 Screw Mount Series

