



## Introducing Corcom Medium Performance P Series Power Entry Modules

TE Connectivity has expanded the Corcom P Series power entry modules to include a new medium performance filter option. The medium P Series modules features better performance than the standard filter option in a smaller size than the high performance filter. Filters are available in 3, 6 or 10A ratings. Modules are available in either snap-in or flange mount versions with a choice of horizontal or vertical mounting ears. The medium performance P Series modules are available with either single or dual fuses and may be configured with an optional DPST switch. The medium performance P Series modules are suitable for applications with increased attenuation requirements in higher frequencies where a smaller size is desirable.





**KEY FEATURES**

- Dual stage electrical setup
- High attenuation at higher frequencies
- Compact design
- Snap-in or flange mounting
- Standard IEC 60321-1 C14 power inlet
- Optional DPST switch
- Single or dual North American or Metric fusing capabilities
- UL Recognized, CSA Certified and VDE Approved

**APPLICATIONS**

- Switch mode power supplies
- Vending & service machines
- Computing & accessories
- Home appliances
- Gaming equipment
- Fitness equipment
- Measuring & test equipment
- Instrumentation

**STANDARDS AND SPECIFICATIONS**

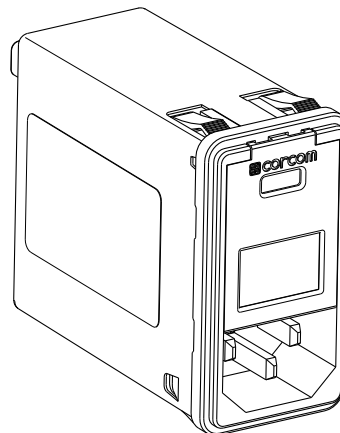
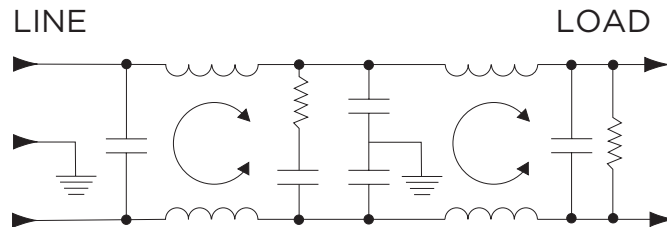
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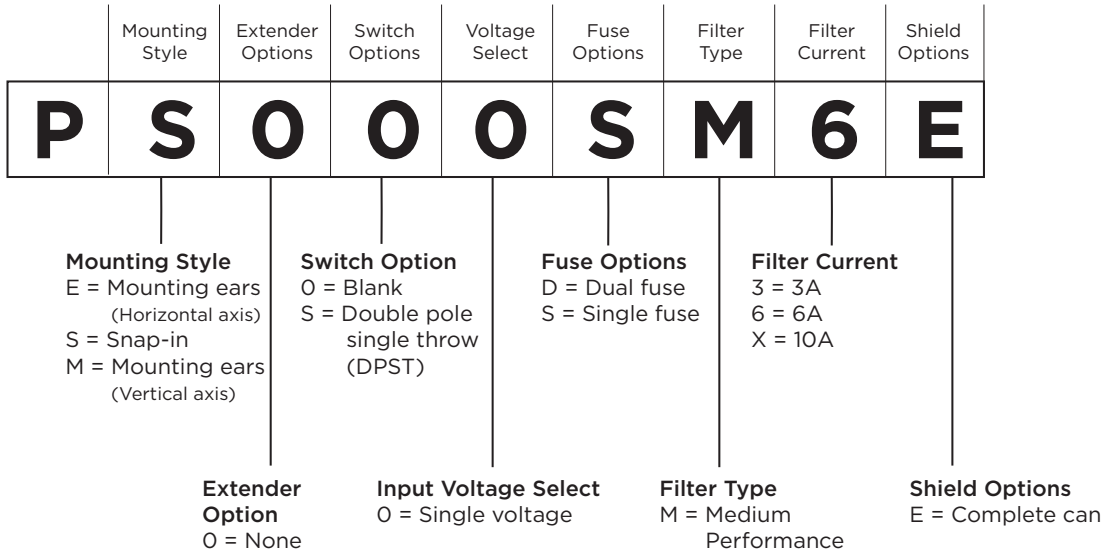
**ELECTRICAL SPECIFICATIONS**

Maximum leakage current each Line to Ground:	@120 VAC 60 Hz:	.25 mA
	@ 250 VAC 50 Hz:	.50 mA
Hipot rating (one minute):	Line to Ground:	2250 VDC
	Line to Line:	1450 VDC
Rated Voltage (max.):		250 VAC
Operating Frequency:		50/60 Hz
Rated Current:		3 to 10A
Fuseholder:		Accepts one or two fuses .25 x 1.25" (not included) or 5 x 20mm (not included)
Switch:		DPST 10,000 operations at 51A max. inrush

**ELECTRICAL SCHEMATICS**



ORDERING INFORMATION



PRODUCT OFFERING

E Style Mounting Ears	M Style Mounting Ears	Snap-In
<a href="#">4-1609154-1</a> : PE00SM3E	<a href="#">4-1609155-3</a> : PM00SM3E	<a href="#">4-1609152-7</a> : PS00SM3E
<a href="#">4-1609154-2</a> : PE00SM6E	<a href="#">4-1609155-4</a> : PM00SM6E	<a href="#">4-1609152-8</a> : PS00SM6E
<a href="#">4-1609154-3</a> : PE00SMXE	<a href="#">4-1609155-5</a> : PM00SMXE	<a href="#">4-1609152-9</a> : PS00SMXE
<a href="#">4-1609154-4</a> : PE00DM3E	<a href="#">4-1609155-6</a> : PM00DM3E	<a href="#">4-1609153-0</a> : PS00DM3E
<a href="#">4-1609154-5</a> : PE00DM6E	<a href="#">4-1609155-7</a> : PM00DM6E	<a href="#">4-1609153-1</a> : PS00DM6E
<a href="#">4-1609154-6</a> : PE00DMXE	<a href="#">4-1609155-8</a> : PM00DMXE	<a href="#">4-1609153-2</a> : PS00DMXE
<a href="#">4-1609154-7</a> : PE0SOSM3E	<a href="#">4-1609155-9</a> : PM0SOSM3E	<a href="#">4-1609153-3</a> : PS0SOSM3E
<a href="#">4-1609154-8</a> : PE0SOSM6E	<a href="#">4-1609156-0</a> : PM0SOSM6E	<a href="#">4-1609153-7</a> : PS0SOSM6E
<a href="#">4-1609154-9</a> : PE0SOSMXE	<a href="#">4-1609156-1</a> : PM0SOSMXE	<a href="#">4-1609153-5</a> : PS0SOSMXE
<a href="#">4-1609155-0</a> : PE0SODM3E	<a href="#">4-1609156-2</a> : PM0SODM3E	<a href="#">4-1609153-6</a> : PS0SODM3E
<a href="#">4-1609155-1</a> : PE0SODM6E	<a href="#">4-1609156-3</a> : PM0SODM6E	<a href="#">4-1609153-9</a> : PS0SODM6E
<a href="#">4-1609155-2</a> : PE0SODMXE	<a href="#">4-1609156-4</a> : PM0SODMXE	<a href="#">4-1609154-0</a> : PS0SODMXE

**PERFORMANCE DATA**

**Typical Insertion Loss** - Measured in closed 50 Ohm system

— Common Mode / Asymmetrical (L-G)  
 — Differential Mode / Symmetrical (L-L)

**3A**



**6A**



**10A**



**Minimum Insertion Loss** - Measured in closed 50 Ohm system

**Common Mode / Asymmetrical (Line to Ground)**

Current Rating	Frequency – MHz					
	.15	.5	1	5	10	30
3A	50	60	60	45	40	<b>30</b>
6A	34	58	58	42	37	<b>30</b>
10A	6	35	45	45	38	<b>30</b>

**Differential Mode / Asymmetrical (Line to Line)**

Current Rating	Frequency – MHz					
	.15	.5	1	5	10	30
3A	25	60	60	50	45	40
6A	9	50	62	51	46	40
10A	10	20	59	52	48	40

**QUESTIONS TO ASK WHEN DESIGNING IN A CORCOM FILTER**

- “Are you experiencing unwanted conducted radio frequency interference (RFI<sup>1</sup>) ?”
- “How are you addressing your CE or FCC conducted RFI issues ?”
- “How are you ensuring compliance with safety agency standards ?”

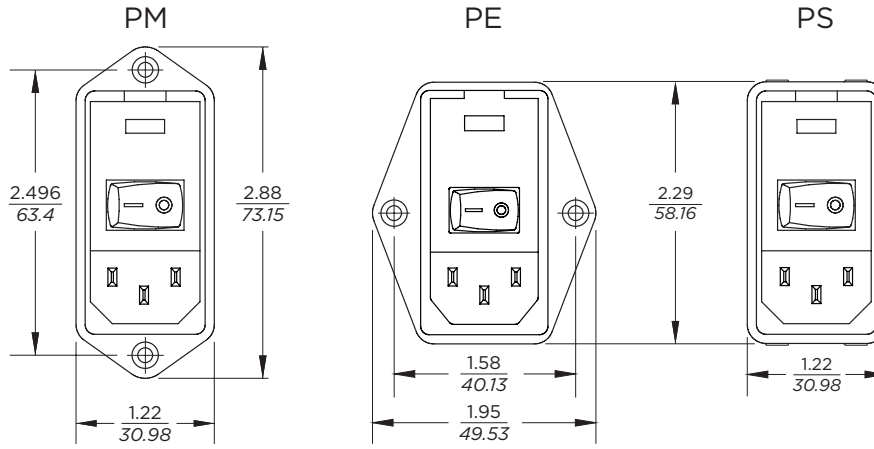
**CORCOM ADVANTAGE:**

- Broad standard catalog product offering
- Superior Corcom brand equity & print position
- Product samples available
- Customized and value-added solutions available
- Complimentary screen room services available to assist customers with product selections
- Easy website to navigate – corcom.com

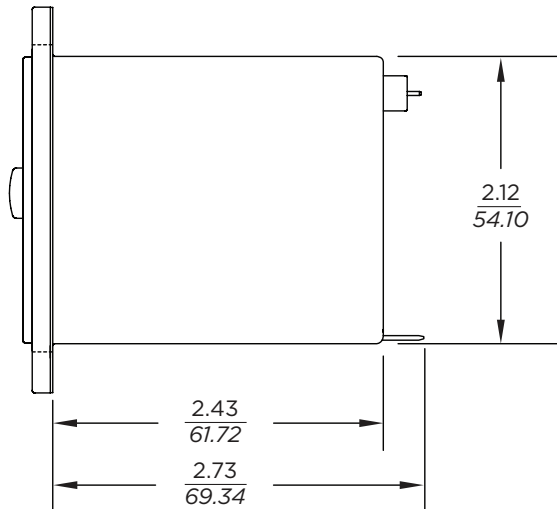
<sup>1</sup> Radio Frequency Interference is also commonly referred to as “electronic noise”

CASE STYLES

Front View



Side View



Typical Dimensions:

- Line Inlet (1): IEC 60320-1 C14
- Mounting Holes (2): .135 [3.43] Dia. with .23 [5.9] Dia. x 90° countersink for #4 flathead screw (PM, PE only)
- Terminals (2): .187 [4.8] quick connect tabs

## FOR MORE INFORMATION

corcom.com

### TE Technical Support Center

Internet: [te.com/help](http://te.com/help)  
USA: +1 (800) 522-6752  
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Mexico: +52 (0) 55-1106-0800  
Latin/S. America: +54 (0) 11-4733-2200  
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Netherlands: +31 (0) 73-6246-999  
China: +86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant\*, unless marked otherwise.

\*as defined [www.te.com/leadfree](http://www.te.com/leadfree)

### te.com

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Мы предлагаем:

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Работу по проектам и поставку образцов.
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- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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