

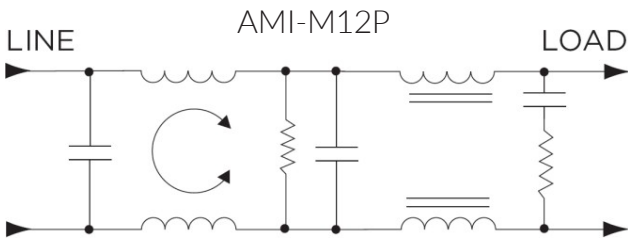
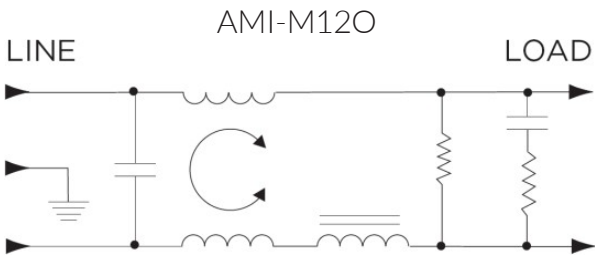
Features

- General purpose filtering
- High CM & DM attenuation
- Rated up to 15A
- Choice of termination

Applications

- Electrical and Electronic equipment
- Consumer goods
- Home appliances
- Office equipment

Typical Circuit Diagram



Approvals & Compliances



Technical Specifications

Maximum Continuous Operating Voltage	250 VAC Max
Operating Frequency	50/60Hz
Rated Current	10 to 15A @40°C
Temperature range	-10°C to +40°C
High Potential Test Voltage	Line to Ground: 2250 VDC Line to Line: 1450 VDC

Selection Table

AMI Designation	Input/output Style			Current Rating	Inductance	Capacitance		Resistor	Leakage Current @ 120 VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
						mH	Cx				
Available Part Numbers	0.250 Spade Terminals	Wire Leads	Threaded Bolts			nF	pF		μA		
	AMI-M12O-1-10-A	1	-			-	10		9.5		
AMI-M12O-3-10-A	-	3	-	10	9.5	1770	0	330	0.002/0.005	001	C
AMI-M12P-1-15-A	1	-	-	15	5.07	2072	0	330	0.002/0.005	002	B
AMI-M12P-6-15-A	-	-	6	15	5.07	2072	0	330	0.002/0.005	002	D

Case Styles

STYLE A

Typical Dimensions:

- Line/Load Terminals (4): .250 [6.3] with .07 [1.8] Dia. hole
- Ground Terminal (1): .250 [6.3] with .07 x .16 [1.8 x 3.8] slot
- Mounting Holes (2): .188 [4.78] Dia.

STYLE B

Typical Dimensions:

- Line/Load Terminals (4): .250 [6.3] with .07 [1.8] Dia. hole
- Ground Terminal (1): .250 [6.3] with .07 x .16 [1.8 x 3.8] slot
- Mounting Slots (4): .203 x .156 [5.16 x 3.96] Dia.

STYLE C

Typical Dimensions:

- 6A Wire Leads (5): 4.0 [101.6] Min., 18AWG
- 10A Wire Leads (5): 6.0 [152.4] Min., 18AWG
- Mounting Holes (2): .188 [4.78] Dia.

STYLE D

Typical Dimensions:

- Terminals (5): 8-32, Torque 18 lbf-in. [2.03 N-m] max. ± 2 [22]
- Mounting Slots (4): .203 x .156 [5.16 x 3.96] Dia.

Case Dimensions:

Model Number	A max	B max	C max	D $\begin{smallmatrix} \pm .15 \\ \pm .38 \end{smallmatrix}$	E max
AMI-M120-1-10-A	4.69"/119.1mm	2.27"/57.7mm	1.8"/45.7mm	4.063"/103.2mm	4.47"/113.5mm
AMI-M120-3-10-A	3.69"/93.7mm	2.27"/57.7mm	1.8"/45.7mm	4.063"/103.2mm	4.47"/113.5mm
AMI-M12P-1-15-A	5.45"/138.4mm	3.12"/79.2mm	2.18"/55.4mm	3.5"/88.9mm	3.96"/100.6mm
AMI-M12P-6-15-A	5.95"/151.1mm	3.12"/79.2mm	2.18"/55.4mm	3.5"/88.9mm	3.96"/100.6mm

*±0.02/0.5

Typical Insertion Loss

According to CISPR17 in 50 Ω system

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

