

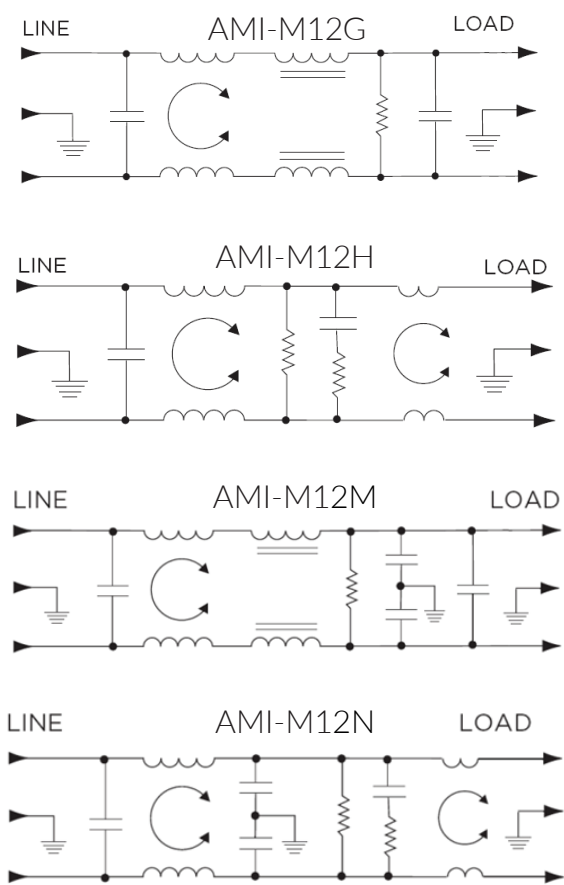
Features

- General purpose filtering
- Choice of Earth Leakage
- Rated up to 6A
- Wired output

Applications

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

Typical Circuit Diagram



Approvals & Compliances



Technical Specifications

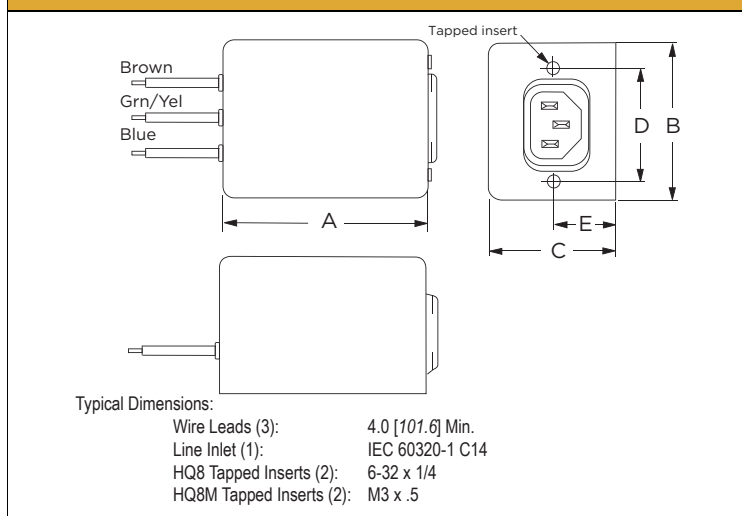
Maximum Continuous Operating Voltage	250 VAC Max
Operating Frequency	50/60Hz
Rated Current	3 to 6A @40°C
Temperature range	-10°C to +40°C
High Potential Test Voltage	Line to Ground: 2250 VDC Line to Line: 1450 VDC

Selection Table

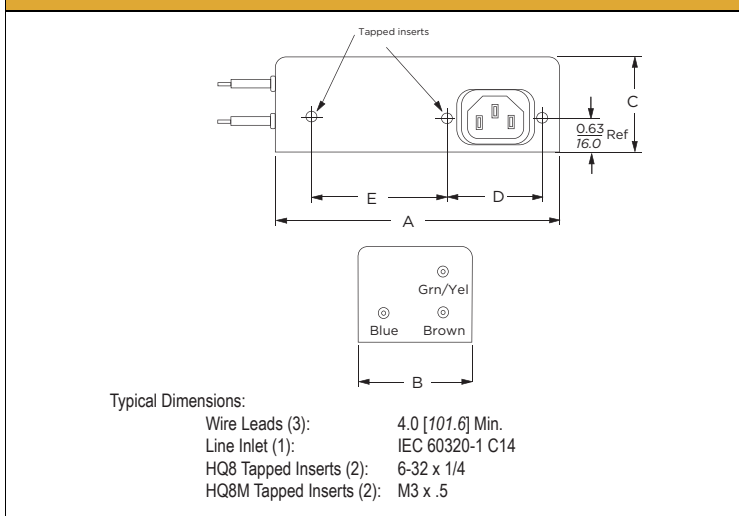
AMI Designation	Input/output Style	Current Rating	Inductance	Capacitance		Resistor	Leakage Current @ 120 VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
		A		Cx	Cy	K Ω			
Available Part Numbers	Threaded Bolts			nF	pF		mA		
AMI-M12G-8-3-A	8	3	32.18	940	0	270	0.002/0.005	001	A
AMI-M12G-8M-3-A	8M	3	32.18	940	0	270	0.002/0.005	001	A
AMI-M12H-8M-6-A	8M	6	48.8	1970	0	165	0.002/0.005	002	B
AMI-M12M-8-3-B	8	3	32.18	1010	3000	270	0.22/0.38	003	C
AMI-M12M-8M-3-B	8M	3	32.18	1010	3000	270	0.22/0.38	003	C
AMI-M12M-8-3-C	8	3	32.18	940	10000	270	0.73/1.27	004	C
AMI-M12M-8M-3-C	8M	3	32.18	940	10000	270	0.73/1.27	004	C
AMI-M12N-8-6-B	8	6	48.8	1970	4000	165	0.22/0.38	005	D
AMI-M12N-8M-6-B	8M	6	48.8	1970	4000	165	0.22/0.38	005	D

Case Styles

STYLE A

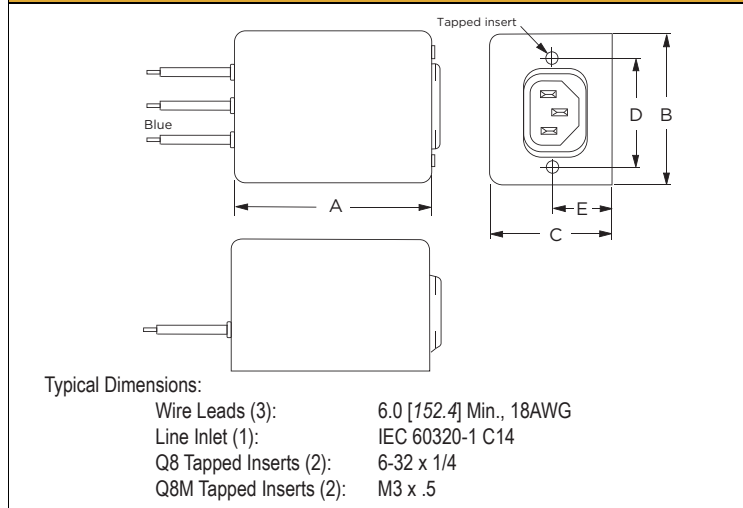


STYLE B

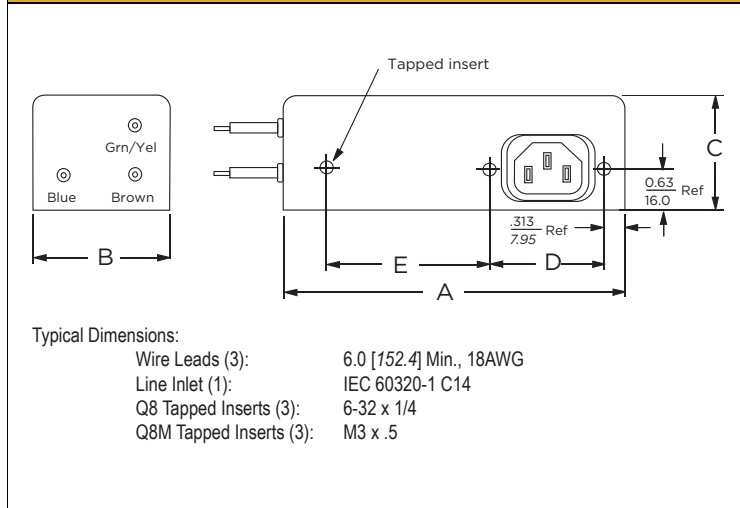


Case Styles

STYLE C



STYLE D



Mechanical Dimensions:

Model Number	A max	B max	C max	D $\pm .01$ $\pm .25$	E max
AMI-M12G-8-3-A AMI-M12G-8M-3-A	3.07"/78.0mm	2.25"/57.2mm	1.78"/45.2mm	1.575"/40.01mm	0.63"/16.0mm
AMI-M12H-8M-6-A	5.47"/138.9mm	2.07"/52.6mm	1.78"/45.2mm	1.575"/40.01mm	2.7"/68.6mm
AMI-M12M-8-3 AMI-M12M-8M-3	3.07"/78.0mm	2.25"/57.2mm	1.78"/45.2mm	1.575"/40.01mm	0.63"/16.0mm
AMI-M12N-8-6 AMI-M12N-8M-6	5.47"/138.9mm	2.07"/52.6mm	1.78"/45.2mm	1.575"/40.01mm	2.70"/68.0mm

Typical Insertion Loss

According to CISPR17 in 50 Ω system

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

