

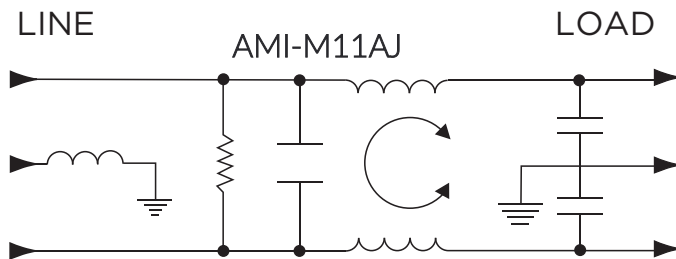
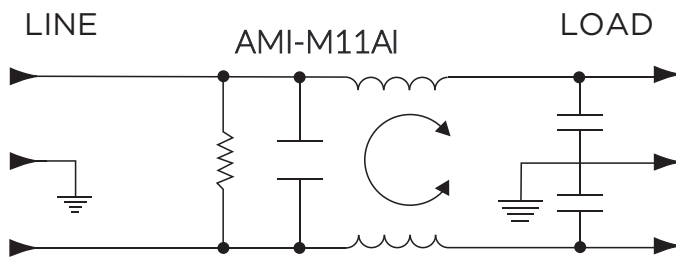
## Features

- General purpose filtering
- Choice of Earth Line Choke
- Rated up to 15A
- Choice of termination

## Applications

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

## Typical Circuit Diagram



## Approvals & Compliances



UL Approved

## Technical Specifications

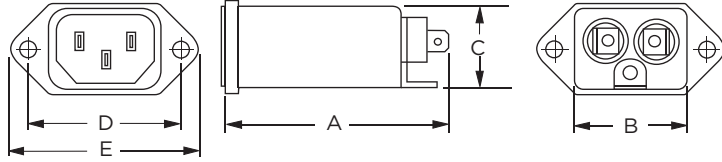
Maximum Continuous Operating Voltage	250 VAC Max
Operating Frequency	50/60Hz
Rated Current	1 to 15A @40°C
Temperature range	-10°C to +40°C
High Potential Test Voltage	Line to Ground: 2250 VDC Line to Line: 1450 VDC

## Selection Table

AMI Designation	Input/output Style				Current Rating	Inductance	Capacitance		Resistor	Leakage Current@ 120VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
							mH	Cx				
Available Part Numbers	0.250 Spade Terminals		Wire Leads				nF	pF		mA		
	Back	Bottom	Back	Bottom								
AMI-M11AI-1-1-B	1				1	1.86	9	2800	1500	0.21/0.36	001	A
AMI-M11AI-1A-1-B		1A			1	1.86	9	2800	1500	0.21/0.36	001	B
AMI-M11AI-4-1-B				4	1	1.86	9	2800	1500	0.21/0.36	001	C
AMI-M11AI-8-1-B			8		1	1.86	9	2800	1500	0.21/0.36	001	D
AMI-M11AI-1-3-B	1				3	1	9	2800	1500	0.21/0.36	002	A
AMI-M11AI-1A-3-B		1A			3	1	9	2800	1500	0.21/0.36	002	B
AMI-M11AI-4-3-B				4	3	1	9	2800	1500	0.21/0.36	002	C
AMI-M11AI-8-3-B			8		3	1	9	2800	1500	0.21/0.36	002	D
AMI-M11AI-1-6-B	1				6	0.465	9	2800	1500	0.21/0.36	003	A
AMI-M11AI-1A-6-B		1A			6	0.465	9	2800	1500	0.21/0.36	003	B
AMI-M11AI-4-6-B				4	6	0.465	9	2800	1500	0.21/0.36	003	C
AMI-M11AI-8-6-B			8		6	0.465	9	2800	1500	0.21/0.36	003	D
AMI-M11AI-1-10-B	1				10	0.36	9	2800	1500	0.21/0.36	004	A
AMI-M11AI-1-15-B	1				15	0.27	47	2800	1500	0.21/0.36	005	A
AMI-M11AJ-1A-10-B		1A			10	0.36	9	2800	1500	0.21/0.36	004	A

## Case Styles

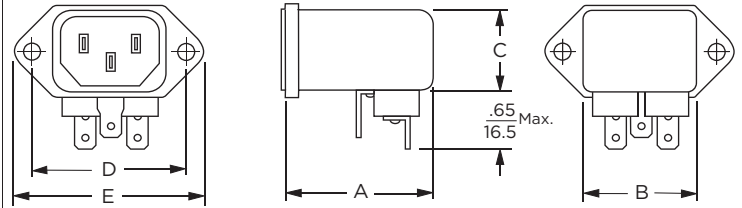
### STYLE A



Typical Dimensions:

Line Inlet (1): IEC 60320-1 C14  
 Load Terminals (2): .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

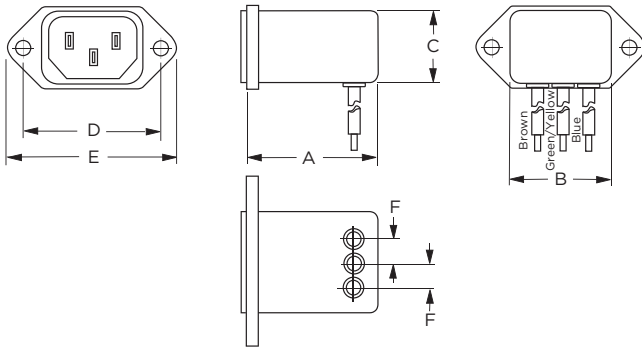
### STYLE B



Typical Dimensions:

Line Inlet (1): IEC 60320-1 C14  
 Load Terminals (2): .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

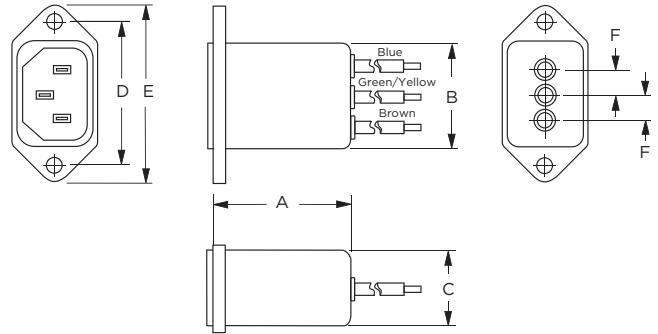
### STYLE C



Typical Dimensions:

Line Inlet (1): IEC 60320-1 C14  
 Wire Leads: 4.0 [101.6] Min., 18AWG, UL1015

### STYLE D



Typical Dimensions:

Line Inlet (1): IEC 60320-1 C14  
 Wire Leads: 4.0 [101.6] Min., 18AWG, UL1015

## Case Dimensions:

Model Number	Amax	Bmax	Cmax	D $\pm \frac{.15}{.38}$	E max	F max
AMI-M11AI-1-X-B	2.21"/56.0mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AI-1A-X-B	1.55"/39.4mm	1.19"/30.2mm	0.85"/21.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AI-4-X-B	1.55"/39.4mm	1.19"/30.2mm	0.85"/21.6mm	1.575"/40.01mm	1.98"/50.3mm	0.295"/7.5mm
AMI-M11AI-8-X-B	1.55"/39.4mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	0.298"/7.5mm
AMI-M11AI-1-10-B AMI-M11AJ-1A-10-B	2.62"/66.5mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AI-1-15-B	2.62"/66.6mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	

## Typical Insertion Loss

According to CISPR17 in 50 Ω system

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

