

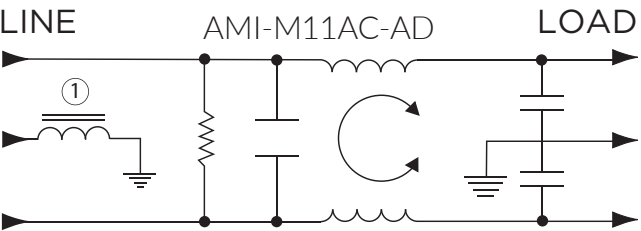
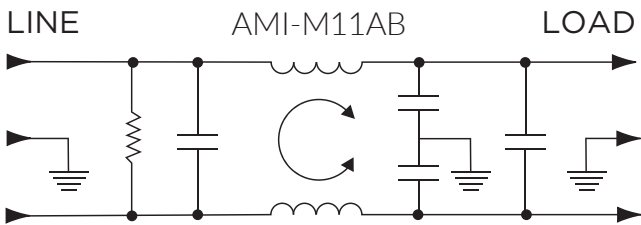
Features

- 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



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@ 120VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
	IEC Socket						Cx	Cy				
	0.250 Spade Terminals		Wire Leads						nF			
Available Part Numbers	Back	Bottom	Back	Bottom								
AMI-M11AC-1-1-B	1				1	3.7	100	3000	1500	0.22/0.38	005	A
AMI-M11AC-1A-1-B		1A			1	3.7	100	3000	3300	0.22/0.38	005	B
AMI-M11AC-4-1-B				4	1	3.7	100	3000	3300	0.22/0.38	005	C
AMI-M11AC-8-1-B			8		1	3.7	100	3000	3300	0.22/0.38	005	D
AMI-M11AC-1-3-B	1				3	2	100	3000	1500	0.22/0.38	006	A
AMI-M11AC-1A-3-B		1A			3	2	100	3000	1500	0.22/0.38	006	B
AMI-M11AC-4-3-B				4	3	2	100	3000	3300	0.22/0.38	006	C
AMI-M11AC-8-3-B			8		3	2	100	3000	3300	0.22/0.38	006	D
AMI-M11AC-1-6-B	1				6	0.93	100	3000	1500	0.22/0.38	007	A
AMI-M11AC-4-6-B				4	6	0.93	100	3000	3300	0.22/0.38	007	C
AMI-M11AC-1A-6-B		1A			6	0.93	100	3000	3300	0.22/0.38	007	B
AMI-M11AC-8-6-B			8		6	0.93	100	3000	3300	0.22/0.38	007	D
AMI-M11AC-1-10-B	1				10	0.36	100	3000	3300	0.22/0.38	009	A
AMI-M11AC-1-15-B	1				15	0.198	100	3000	3300	0.22/0.38	010	A
AMI-M11AC-8-15-B			8		15	0.198	100	3000	3300	0.22/0.38	010	D
AMI-M11AD-1-6-B	1				6	0.93	100	3000	1500	0.22/0.38	008	A
AMI-M11AD-4-6-B				4	6	0.93	100	3000	3300	0.22/0.38	008	C
AMI-M11AD-8-6-B			8		6	0.93	100	3000	3300	0.22/0.38	008	D
AMI-M11AD-1-10-B	1				10	0.36	100	3000	3300	0.22/0.38	009	A

*11AD models include ground circuit inductor

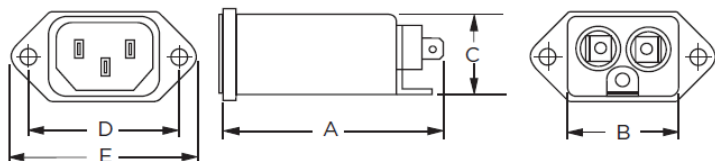
Selection Table

AMI Designation	Input/output Style				Current Rating	Inductance	Capacitance		Resistor	Leakage Current@ 120VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
							Cx	Cy				
	0.250 Spade Terminals		Wire Leads				nF	pF	KO			
Available Part Numbers	Back	Bottom	Back	Bottom								
*AMI-M11AB-1-1-B	1				1	3.7	200	3000	1000	0.25/ 0.50	001	A
*AMI-M11AB-1A-1-B		1A			1	3.7	200	3000	1000	0.25/ 0.50	001	B
*AMI-M11AB-4-1-B				4	1	3.7	200	3000	1000	0.25/ 0.50	001	C
*AMI-M11AB-8-1-B			8		1	3.7	200	3000	1000	0.25/ 0.50	001	D
*AMI-M11AB-1-3-B	1				3	2	200	3000	1000	0.25/ 0.50	002	A
*AMI-M11AB-1A-3-B		1A			3	2	200	3000	1000	0.25/ 0.50	002	B
*AMI-M11AB-4-3-B				4	3	2	200	3000	1000	0.25/ 0.50	002	C
*AMI-M11AB-8-3-B			8		3	2	200	3000	1000	0.25/ 0.50	002	D
*AMI-M11AB-1-6-B	1				6	0.93	200	3000	1000	0.25/ 0.50	003	A
*AMI-M11AB-1A-6-B		1A			6	0.93	200	3000	1000	0.25/ 0.50	003	B
*AMI-M11AB-4-6-B				4	6	0.93	200	3000	1000	0.25/ 0.50	003	C
*AMI-M11AB-8-6-B			8		6	0.93	200	3000	1000	0.25/ 0.50	003	D
*AMI-M11AB-1-10-B	1				10	0.36	200	3000	1000	0.25/ 0.50	004	A

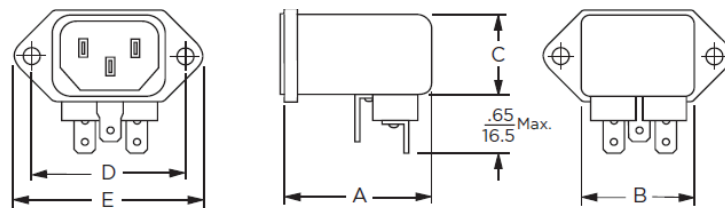
*Part Number are UL Pending

Case Styles (M11AB)

STYLE A



STYLE B



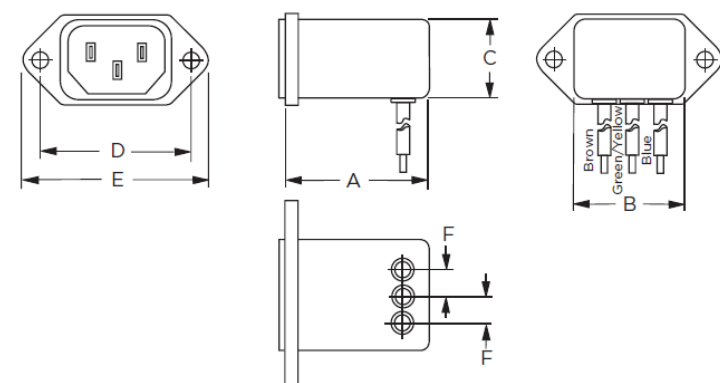
Typical Dimensions:

Line Inlet (1): IEC 60320-1 C14

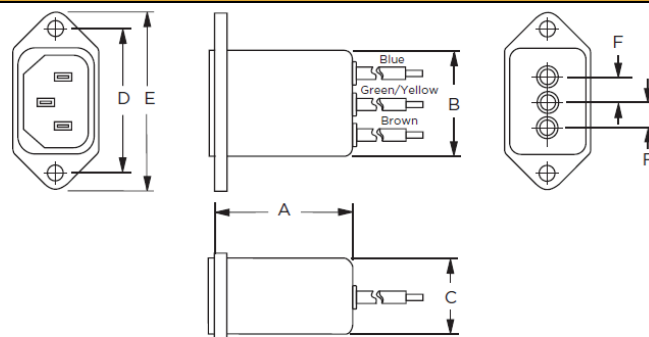
Load Terminals (2): .250 [6.3] with .07 [1.8] Dia. hole

Ground Terminal (1): .250 [6.3] with .07 x .16 [1.8 x 3.8] slot

STYLE C



STYLE D



Typical Dimensions:

Line Inlet (1):

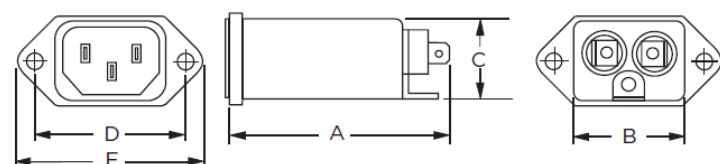
IEC 60320-1 C14

Wire Leads:

4.0 [101.6] Min., 18AWG, UL1015

Case Styles (M11AC/M11AD)

STYLE A



Typical Dimensions:

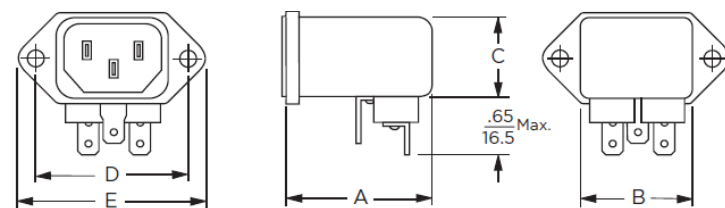
Mounting holes (2): .132 [3.35] Dia. with .236 [5.99] Dia. x 90° countersink for #4 flathead screw

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:

Mounting holes (2):

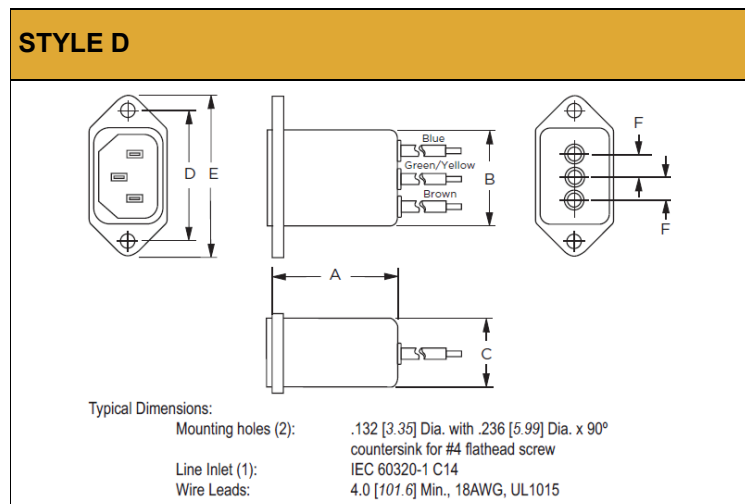
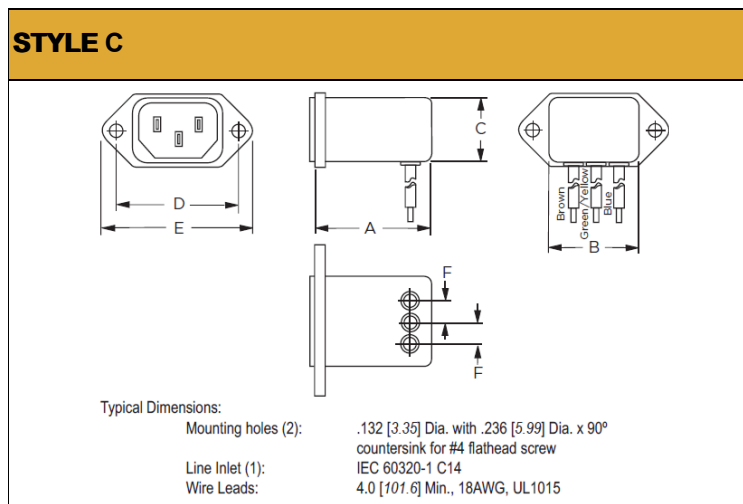
.132 [3.35] Dia. with .236 [5.99] Dia. x 90° countersink for #4 flathead screw

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

Case Styles (M11AC/M11AD)



Case Dimensions:

Model Number	Amax	Bmax	Cmax	D $\pm_{.015} \pm_{.38}$	E max	F max
AMI-M11AB-1-B	2.62"/66.5mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AB-1A-B	1.97"/50.0mm	1.19"/30.2mm	0.85"/21.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AB-4-B	1.97"/50.0mm	1.19"/30.2mm	0.85"/21.6mm	1.575"/40.01mm	1.98"/50.3mm	0.295"/7.5mm
AMI-M11AB-8	1.97"/50.0mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	0.298"/7.5mm
AMI-M11AC-1-B	2.21"/56.0mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AC-1A-B	1.55"/39.4mm	1.19"/30.2mm	0.85"/21.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AC-4-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-M11AC-8-B	1.55"/39.4mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	0.295"/7.5mm
AMI-M11AD-1-6-B	2.62"/66.5mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AD-4-6-B	1.98"/50.3mm	1.19"/30.2mm	0.85"/21.6mm	1.575"/40.01mm	1.98"/50.3mm	0.295"/7.5mm
AMI-M11AD-8-6-B	1.98"/50.3mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	0.295"/7.5mm
AMI-M11AC-1-10-B AMI-M11AD-1-10-B AMI-M11AC-1-15-B	2.62"/66.5mm	1.19"/30.2mm	0.81"/20.6mm	1.575"/40.01mm	1.98"/50.3mm	
AMI-M11AC-8-15-B	1.98"/50.3mm	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)

