

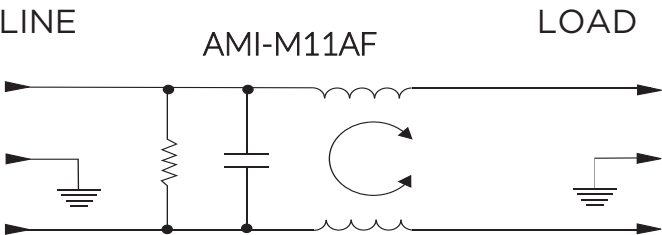
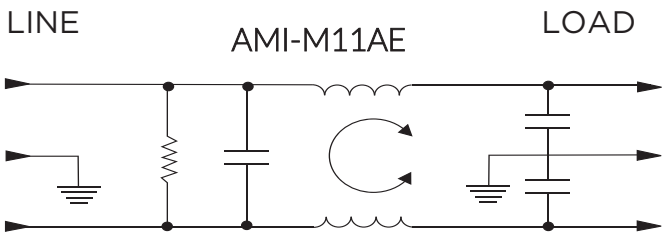
Features

- General purpose filtering
- Medical Version / No Earth Leakage
- 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	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 VACS0 Hz	TIL Insertion Loss	Case Style
						Cx	Cy				
Available Part Numbers	IEC Socket/ Spade Terminal		IEC Socket/ Pin	A	mH	nF	pF	KO	mA		
AMI-M11AE-1-1-B-1	1			1	10	9	3000	1500	0.22/0.38	001	A
AMI-M11AE-1-1-B-2	1			1	10	47	3000	1500	0.22/0.38	005	A
AMI-M11AE-1A-1-B-1		1A		1	10	9	3000	1500	0.22/0.38	001	B
AMI-M11AE-1A-1-B-2		1A		1	10	47	3000	1500	0.22/0.38	005	B
AMI-M11AE-13-1-B-1				1	10	9	3000	1500	0.22/0.38	001	C
AMI-M11AE-13-1-B-2			13	1	10	47	3000	3300	0.22/0.38	005	C
AMI-M11AE-1S-1-B-1	1			1	10	9	3000	1500	0.22/0.38	001	D
AMI-M11AE-1S-1-B-2	1			1	10	47	3000	1500	0.22/0.38	005	D
AMI-M11AE-1-3-B-1	1			3	1.45	9	3000	1500	0.22/0.38	002	A
AMI-M11AE-1-3-B-2	1			3	1.45	47	3000	1500	0.22/0.38	006	A
AMI-M11AE-1A-3-B-1		1A		3	1.45	9	3000	1500	0.22/0.38	002	B
AMI-M11AE-1A-3-B-2		1A		3	1.45	47	3000	1500	0.22/0.38	006	B
AMI-M11AE-13-3-B-1			13	3	1.45	9	3000	1500	0.22/0.38	002	C
AMI-M11AE-13-3-B-2			13	3	1.45	47	3000	3300	0.22/0.38	006	C
AMI-M11AE-1S-3-B-1	1			3	1.45	9	3000	1500	0.22/0.38	002	D
AMI-M11AE-1S-3-B-2	1			3	1.45	47	3000	1500	0.22/0.38	006	D
AMI-M11AE-1-6-B-1	1			6	0.465	9	3000	1500	0.22/0.38	003	A

*11AD models include ground circuit inductor

Selection Table

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				A		Cx	Cy				
Available Part Numbers	IEC Socket/ Spade Terminal		IEC Socket/ Pin			nF	pF		mA		
	Back	Bottom									
AMI-M11AE-1-6-B-2	1			6	0.465	47	3000	1500	0.22/0.38	007	A
AMI-M11AE-1A-6-B-1		1A		6	0.465	9	3000	1500	0.22/0.38	003	B
AMI-M11AE-1A-6-B-2		1A		6	0.465	47	3000	1500	0.22/0.38	007	B
AMI-M11AE-13-6-B-1			13	6	0.465	9	3000	1500	0.22/0.38	003	C
AMI-M11AE-1S-6-B-1	1			6	0.465	9	3000	1500	0.22/0.38	003	D
AMI-M11AE-1S-6-B-2	1			6	0.465	47	3000	1500	0.22/0.38	007	D
AMI-M11AE-13-6-B-1			13	6	0.465	47	3000	3300	0.22/0.38	007	C
AMI-M11AE-1-10-B-1	1			10	0.35	9	3000	1500	0.22/0.38	004	A
AMI-M11AE-1-10-B-2	1			10	0.35	47	3000	1500	0.22/0.38	008	A
AMI-M11AE-1A-10-B-1		1A		10	0.35	9	3000	1500	0.22/0.38	004	B
AMI-M11AE-1A-10-B-2		1A		10	0.35	47	3000	1500	0.22/0.38	008	B
AMI-M11AE-13-10-B-1			13	10	0.35	9	3000	1500	0.22/0.38	004	C
AMI-M11AE-13-10-B-2			13	10	0.35	47	3000	3300	0.22/0.38	008	C
AMI-M11AE-1S-10-B-1	1			10	0.35	9	3000	1500	0.22/0.38	004	D
AM1-M11AE-1S-10-B-2	1			10	0.35	47	3000	1500	0.22/0.38	008	D
AMI-M11AE-1S-15-B-1	1			15	0.13	9	3000	1500	0.22/0.38		D
AMI-M11AE-1S-15-B-2	1			15	0.13	47	3000	1500	0.22/0.38		D
AMI-M11AE-1-15-B-1	1			15	0.13	9	3000	1500	0.22/0.38		A

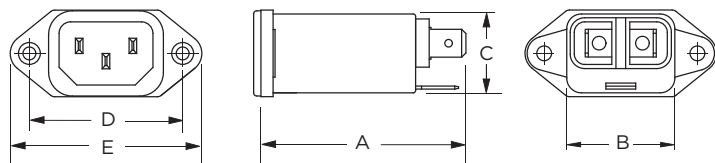
*N-Snap-In Models

Selection Table

AMI Designation	Input/output Style			Current Rating	Inductance	Capacitance		Resistor	Leakage Current@ 120VAC 60Hz/250 VACS0 Hz	TIL Insertion Loss	Case Style
				A	mH	Cx	Cy	KO			
Available Part Numbers	IEC Socket/ Spade Terminal		IEC Socket/ Pin			nF	pF		mA		
	Back	Bottom									
AMI-M11AF-1-1-A-1	1			1	10	9	0	1500	2μA/5μA	009	A
AMI-M11AF-1-1-A-2	1			1	10	47	0	1500	2μA/5μA	013	A
AMI-M11AF-1-3-A-1	1			3	1.45	9	0	1500	2μA/5μA	010	A
AMI-M11AF-1-3-A-2	1			3	1.45	47	0	1500	2μA/5μA	014	A
AMI-M11AF-1-6-A-1	1			6	0.465	9	0	1500	2μA/5μA	011	A
AMI-M11AF-1-6-A-2	1			6	0.465	47	0	1500	2μA/5μA	015	A
AMI-M11AF-1-10-A-1	1			10	0.35	9	0	1500	2μA/5μA	012	A
AMI-M11AF-1-10-A-2	1			10	0.35	47	0	1500	2μA/5μA	016	A
AMI-M11AF-1-15-A-1	1			15	0.13	9	0	1500	2μA/5μA	-	A
AMI-M11AF-1-15-A-2	1			15	0.13	47	0	1500	2μA/5μA	-	A

Case Styles

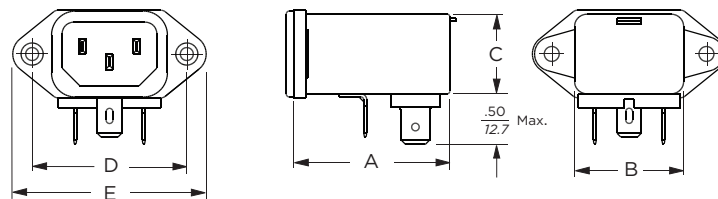
STYLE A



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

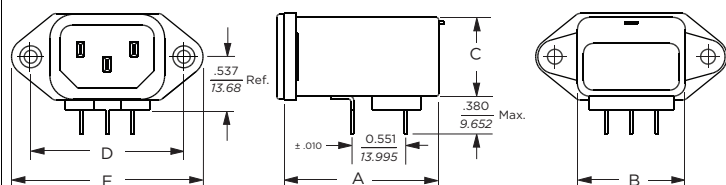
STYLE B



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

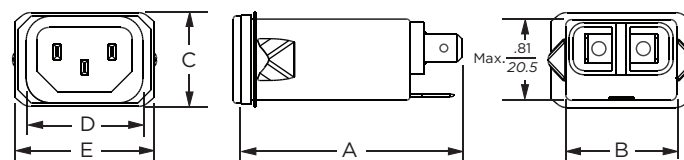
STYLE C



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
 PC board pins (3): .031 [.07] square, ± .003 [.07]

STYLE D



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

Case Dimensions:

Model Number	Amax	Bmax	Cmax	D $\pm .15$ $\pm .38$	E max
AMI-M11AE-1 AMI-M11AF-1	2.15"/54.6mm	1.12"/28.4mm	0.81"/20.6mm	1.575/40.01mm	1.98"/50.3mm
AMI-M11AE-1A-X-B	1.54"/39.1mm	1.12"/28.4mm	0.81"/20.6mm	1.575/40.01mm	1.98"/50.3mm
AMI-M11AE-13-X-B	1.54"/39.1mm	1.12"/28.4mm	0.81"/20.6mm	1.575/40.01mm	1.98"/50.3mm
AMI-M11AE-15-X-B	2.20"/55.88mm	1.15"/29.2mm	0.96"/24.38mm	1.185"/30.10mm	1.41"/35.81mm

Typical Insertion Loss

According to CISPR17 in 50 Ω system

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

