

Smallest Power Entry Module with Metric Fuse Holders

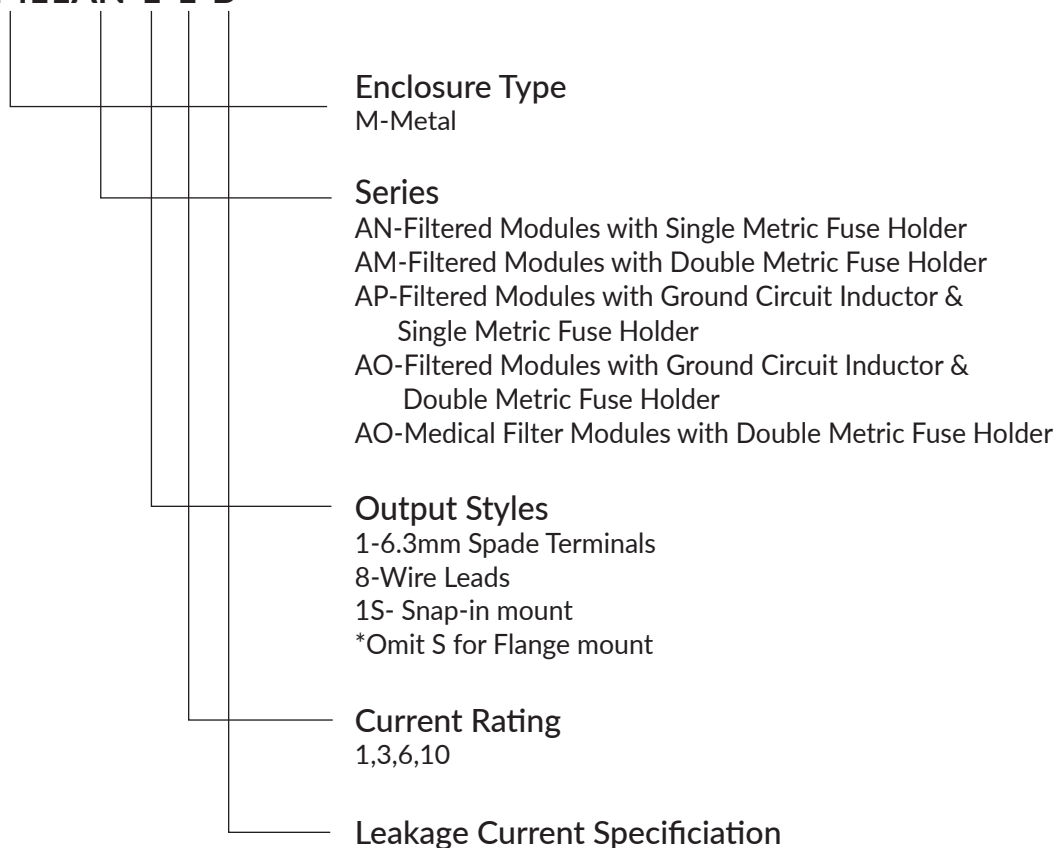


AMI-M11AN/AM/AO/AP/AQ Series
Metal Enclosure Single Phase Single

Product Information

Nomenclature

AMI-M11AN-1-1-B



Smallest Power Entry Module with Metric Fuse Holders

AMI Designation	Input/output Style		Current Rating	Inductance mH	Capacitance		Resistor K Ω	Leakage Current @ 120 VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
					Cx nF	Cy pF				
Available Part Numbers	6.3mm Spade Terminals	Wire Leads								
AMI-M11AN-1-1-B (10*100*3000*1500)	1	-	1	10	100	3000	1500	.25mA/.42mA	001	A
AMI-M11AN-1-3-B (2*100*3000*1500)	1	-	3	2	100	3000	1500	.25mA/.42mA	002	A
AMI-M11AN-1-6-B (0.93*100*3000*1500)	1	-	6	0.93	100	3000	1500	.25mA/.42mA	003	A
AMI-M11AN-1-10-B (0.27*100*3000*1500)	1	-	10	0.27	100	3000	1500	.25mA/.42mA	004	A
AMI-M11AM-1-1-B (10*100*3000*1500)	1	-	1	10	100	3000	1500	.25mA/.42mA	001	A
AMI-M11AM-1-3-B (2*100*3000*1500)	1	-	3	2	100	3000	1500	.25mA/.42mA	002	A
AMI-M11AM-1-6-B (0.93*100*3000*1500)	1	-	6	0.93	100	3000	1500	.25mA/.42mA	003	A
AMI-M11AM-1-10-B (0.27*100*3000*1500)	1	-	10	0.27	100	3000	1500	.25mA/.42mA	004	A
AMI-M11AN-8-1-B (10*100*3000*1500)	-	8	1	10	100	3000	1500	.25mA/.42mA	001	C
AMI-M11AN-8-3-B (2*100*3000*1500)	-	8	3	2	100	3000	1500	.25mA/.42mA	002	C
AMI-M11AM-8-1-B (10*100*3000*1500)	-	8	1	10	100	3000	1500	.25mA/.42mA	001	C

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			A		Cx nF	Cy pF				
Available Part Numbers	6.3mm Spade Terminals	Wire Leads								
AMI-M11AM-8-3-B (2*100*3000*1500)	-	8	3	2	100	3000	1500	.25mA/.42mA	002	C
AMI-M11AM-8-6-B (0.93*100*3000*1500)	-	8	6	0.93	100	3000	1500	.25mA/.42mA	003	C
AMI-M11AM-8-10-B (0.27*100*3000*1500)	-	8	10	0.27	100	3000	1500	.25mA/.42mA	004	C
AMI-M11AN-1S-1-B (10*100*3000*1500)	1	-	1	10	100	3000	1500	.25mA/.42mA	001	B
AMI-M11AN-1S-3-B (2*100*3000*1500)	1	-	3	2	100	3000	1500	.25mA/.42mA	002	B
AMI-M11AN-1S-6-B (0.93*100*3000*1500)	1	-	6	0.93	100	3000	1500	.25mA/.42mA	003	B
AMI-M11AN-1S-10-B (0.27*100*3000*1500)	1	-	10	0.27	100	3000	1500	.25mA/.42mA	004	B
AMI-M11AM-1S-1-B (0.27*100*3000*1500)	1	-	1	0.27	100	3000	1500	.25mA/.42mA	001	B
AMI-M11AM-1S-3-B (2*100*3000*1500)	1	-	3	2	100	3000	1500	.25mA/.42mA	002	B
AMI-M11AM-1S-6-B (0.93*100*3000*1500)	1	-	6	0.93	100	3000	1500	.25mA/.42mA	003	B
AMI-M11AM-1S-10-B (0.27*100*3000*1500)	1	-	10	0.27	100	3000	1500	.25mA/.42mA	004	B

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AMI Designation	Input/output Style		Current Rating	Inductance mH	Capacitance		Resistor K Ω	Leakage Current @ 120 VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
			A		Cx nF	Cy pF				
Available Part Numbers	6.3mm Spade Terminals	Wire Leads								
AMI-M11AP-1-1-B (10*100*3000*1500)	1	-	1	10	100	3000	1500	.25mA/.42mA	001	A
AMI-M11AP-1-3-B (2*100*3000*1500)	1	-	3	2	100	3000	1500	.25mA/.42mA	005	A
AMI-M11AP-1-6-B (0.93*100*3000*1500)	1	-	6	0.93	100	3000	1500	.25mA/.42mA	006	A
AMI-M11AO-1-1-B (10*100*3000*1500)	1	-	1	10	100	3000	1500	.25mA/.42mA	001	A
AMI-M11AO-1-3-B (2*100*3000*1500)	1	-	3	2	100	3000	1500	.25mA/.42mA	005	A
AMI-M11AO-1-6-B (0.93*100*3000*1500)	1	-	6	0.93	100	3000	1500	.25mA/.42mA	006	A
AMI-M11AP-8-1-B (10*100*3000*1500)	-	8	1	10	100	3000	1500	.25mA/.42mA	001	C
AMI-M11AP-8-3-B (2*100*3000*1500)	-	8	3	2	100	3000	1500	.25mA/.42mA	005	C
AMI-M11AP-8-6-B (0.93*100*3000*1500)	-	8	6	0.93	100	3000	1500	.25mA/.42mA	006	C
AMI-M11AQ-1-1-A (10*100*0*1500)	1	-	1	10	100	0	1500	2 μ A/5 μ A	007	A
AMI-M11AQ-1-3-A (2*100*0*1500)	1	-	3	2	100	0	1500	2 μ A/5 μ A	008	A

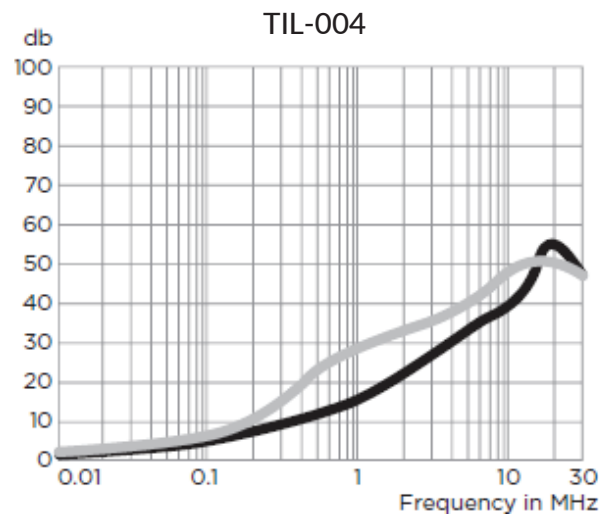
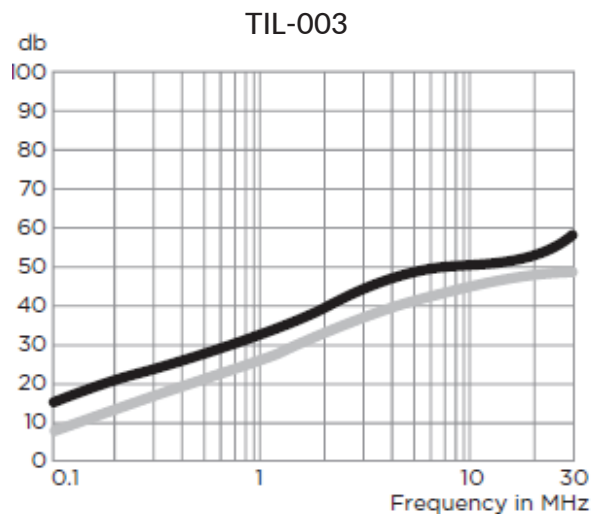
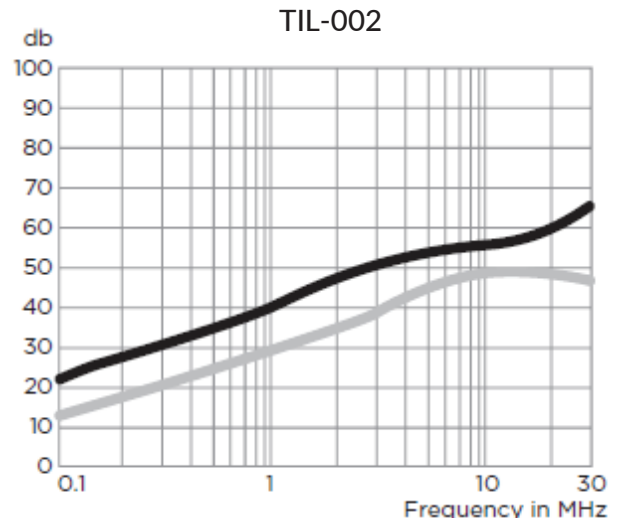
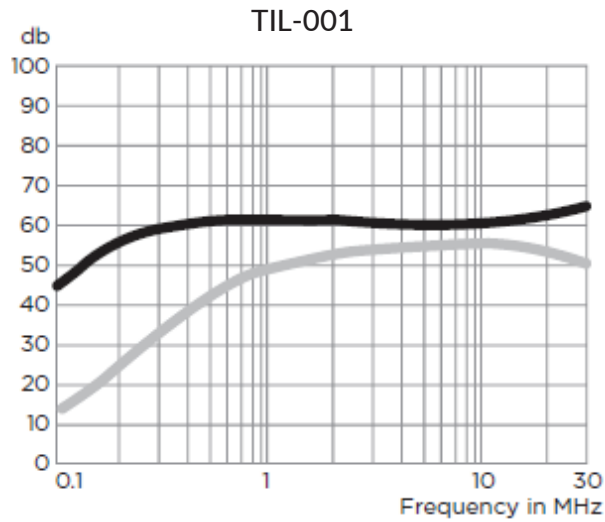
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AMI Designation	Input/output Style		Current Rating	Inductance mH	Capacitance		Resistor K Ω	Leakage Current @ 120 VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
			A		Cx nF	Cy pF				
Available Part Numbers	6.3mm Spade Terminals	Wire Leads								
AMI-M11AQ-1-6-A (0.93*100*0*1500)	1	-	6	0.93	100	0	1500	2 μ A/5 μ A	009	A
AMI-M11AQ-1-10-A (0.27*100*0*1500)	1	-	10	0.27	100	0	1500	2 μ A/5 μ A	010	A
AMI-M11AQ-8-1-A (10*100*0*1500)	-	8	1	10	100	0	1500	2 μ A/5 μ A	007	C
AMI-M11AQ-8-3-A (2*100*0*1500)	-	8	3	2	100	0	1500	2 μ A/5 μ A	008	C
AMI-M11AQ-8-6-A (0.93*100*0*1500)	-	8	6	0.93	100	0	1500	2 μ A/5 μ A	009	C
AMI-M11AQ-8-10-A (0.27*100*0*1500)	-	8	10	0.27	100	0	1500	2 μ A/5 μ A	010	C
AMI-M11AQ-1S-1-A (10*100*0*1500)	1	-	1	10	100	0	1500	2 μ A/5 μ A	007	A
AMI-M11AQ-1S-3-A (2*100*3000*1500)	1	-	3	2	100	0	1500	2 μ A/5 μ A	008	A
AMI-M11AQ-1S-6-A (0.93*100*3000*1500)	1	-	6	0.93	100	0	1500	2 μ A/5 μ A	009	A
AMI-M11AQ-1S-10-A (0.27*100*0*1500)	1	-	10	0.27	100	0	1500	2 μ A/5 μ A	010	A

Smallest Power Entry Module with Metric Fuse Holders

Performance Data Typical Insertion Loss

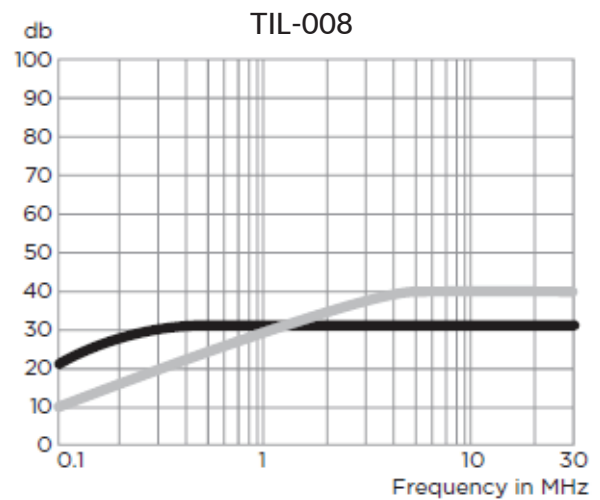
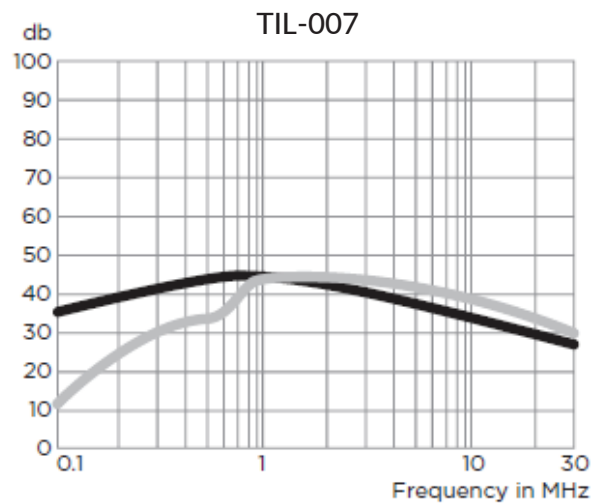
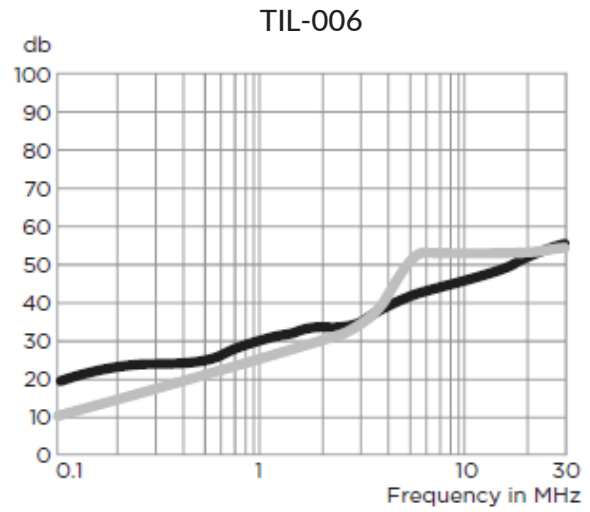
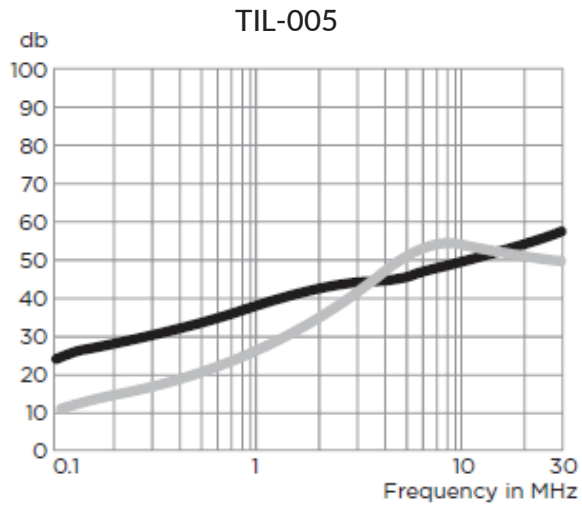
Measured in closed 50 Ohm system



Smallest Power Entry Module with Metric Fuse Holders

Performance Data Typical Insertion Loss

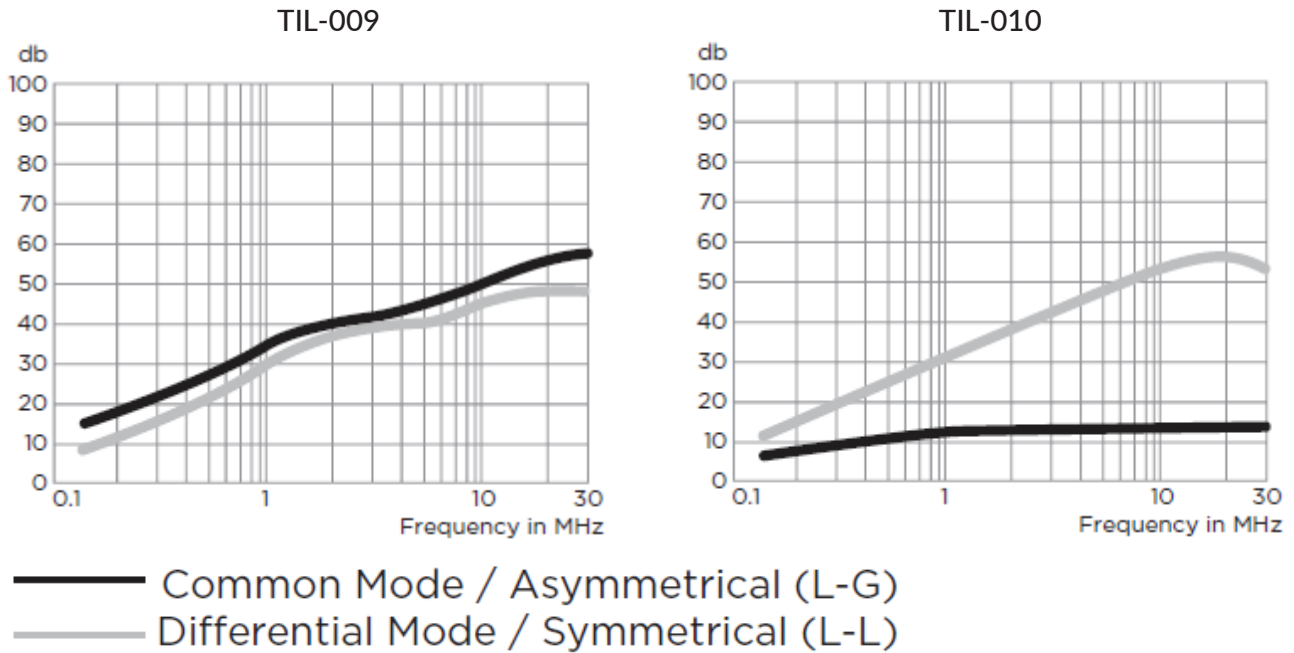
Measured in closed 50 Ohm system



Smallest Power Entry Module with Metric Fuse Holders

Performance Data Typical Insertion Loss

Measured in closed 50 Ohm system



Minimum Insertion Loss

Common Mode/Asymmetrical (Line to Ground)

Current Rating	Frequency-MHz								
	.01	.05	.10	.15	.5	1	5	10	30
<i>11AM/AN Models</i>									
1A	12	23	29	32	41	47	50	50	55
3A	-	10	15	19	30	36	48	50	53
6A	-	1	4	10	16	22	36	40	50
10A	-	1	2	4	6	8	26	33	28

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Minimum Insertion Loss

Common Mode/Asymmetrical (Line to Ground)

	Frequency-MHz								
Current Rating	.01	.05	.10	.15	.5	1	5	10	30
<i>11AQ Models</i>									
1A	12	23	29	32	40	40	28	22	18
3A	-	10	15	19	25	26	22	21	21
6A	-	4	10	14	18	18	14	14	14
10A	1	-	-	3	5	6	8	9	10

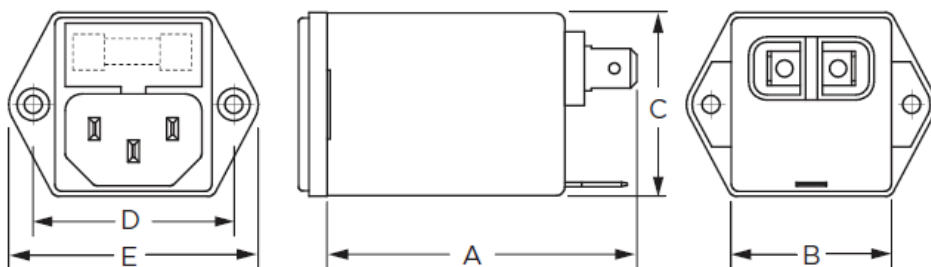
Differential Mode/Symmetrical (Line to Line)

	Frequency-MHz								
Current Rating	.10	.15	.5	1	3	5	10	30	
<i>11AM/AN Models</i>									
1A	1	3	14	23	41	47	50	44	
3A	1	2	11	14	25	38	44	40	
6A	1	2	10	13	23	33	39	42	
10A	4	7	17	23	-	22	43	38	
<i>11AQ Models</i>									
1A	2	6	19	26	30	35	35	20	
3A	1	7	16	23	30	30	30	30	
6A	4	7	16	23	30	30	30	30	
10A	-	8	16	22	-	37	43	28	

Smallest Power Entry Module with Metric Fuse Holders

Case Styles

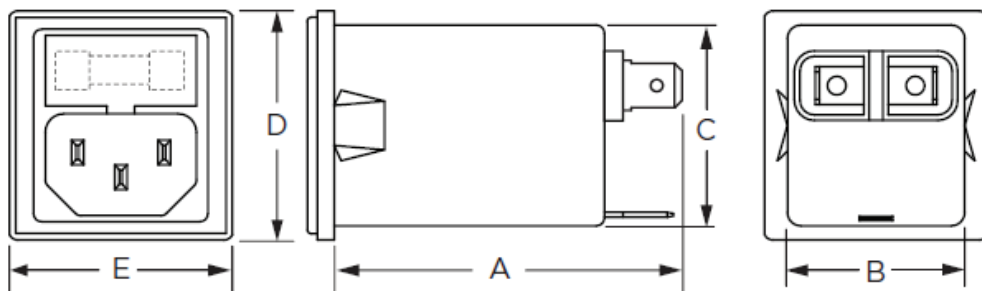
STYLE A



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



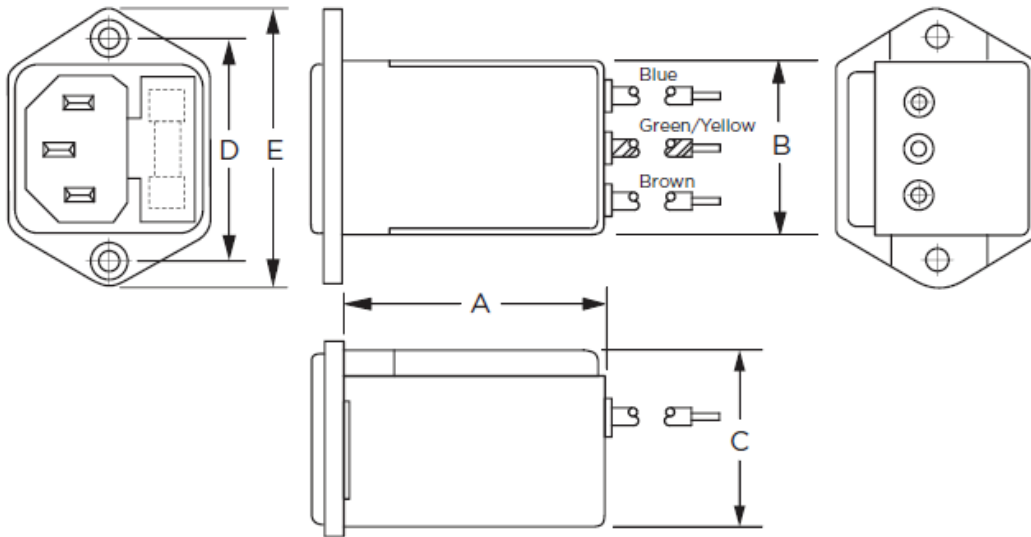
Typical Dimensions:

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

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Case Styles

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
Wire Leads:	5.0 [127.0] Min., 18AWG, UL1015

Case Dimensions:

Model Number	A max	B max	C max	D $\frac{+.15}{-.38}$	E max
AMI-M11AN/AM/AQ-1-X-X	2.13"/54.5mm	1.13"/28.7mm	1.29"/32.8mm	1.417"/36.0mm	1.79"/44.7mm
AMI-M11AO/AP-1-X-X	2.45"/62.23mm	1.13"/28.7mm	1.28"/32.5mm	1.417"/36.0mm	1.79"/44.7mm
AMI-M11AN/AM/AQ-1S-X-X	2.13"/54.0mm	1.13"/28.7mm	1.28"/32.5mm	1.46*/36.0*mm	1.42"/36.1mm
AMI-M11AN/AM/AQ-8-X-X	2.02"/51.1mm	1.13"/28.7mm	1.29"/32.8mm	1.417"/36.0mm	1.79"/44.7mm