

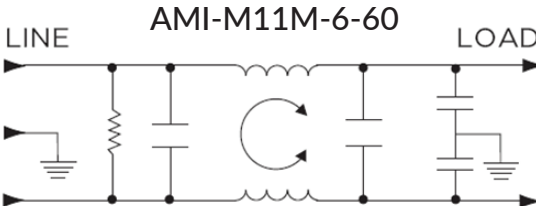
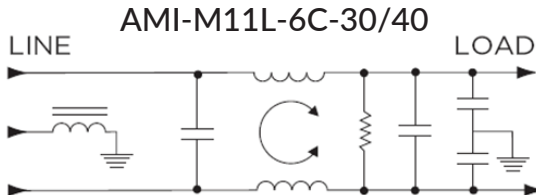
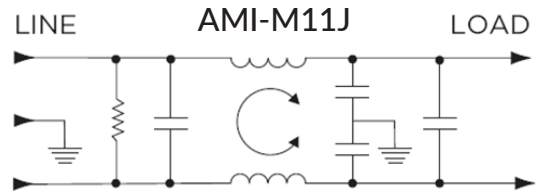
Features

- Earth Line Choke Option
- Choice of Earth Leakage
- Rated up to 60A
- 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	1 to 60A @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
						mH	Cx				
Available Part Numbers	6.3mm Spade Terminals	Wire Leads	Threaded Bolts	A		nF	pF	KΩ			
AMI-M11J-1-1-B-1	1	-	-	1	1.86	200	5500	1500	0.5/1.0	005	A
AMI-M11J-1-1-B-2	1	-	-	1	1.86	200	2800	1500	0.21/0.36	001	A
AMI-M11J-3-1-B-1	-	3	-	1	1.86	200	5500	1500	0.5/1.0	005	C
AMI-M11J-3-1-B-2	-	3	-	1	1.86	200	2800	1500	0.21/0.36	001	C
AMI-M11J-1-2-B-1	1	-	-	2	0.539	200	5500	1500	0.5/1.0	006	A
AMI-M11J-1-2-B-2	1	-	-	2	0.539	200	2800	1500	0.21/0.36	002	A
AMI-M11J-3-2-B-1	-	3	-	2	0.539	200	5500	1500	0.5/1.0	006	C
AMI-M11J-3-2-B-2	-	3	-	2	0.539	200	2800	1500	0.21/0.36	002	C
AMI-M11J-1-3-B-1	1	-	-	3	1.76	200	5500	1500	0.5/1.0	007	A
AMI-M11J-1-3-B-2	1	-	-	3	1.76	200	2800	1500	0.21/0.36	001	A
AMI-M11J-3-3-B-1	-	3	-	3	1.76	200	5500	1500	0.5/1.0	007	C
AMI-M11J-3-3-B-2	-	3	-	3	1.76	200	2800	1500	0.21/0.36	001	C
AMI-M11J-1-5-B-1	1	-	-	5	0.516	200	5500	1500	0.5/1.0	008	A
AMI-M11J-1-5-B-2	1	-	-	5	0.516	200	2800	1500	0.21/0.36	003	A
AMI-M11J-3-5-B-1	-	3	-	5	0.516	200	5500	1500	0.5/1.0	008	C
AMI-M11J-3-5-B-2	-	3	-	5	0.516	200	2800	1500	0.21/0.36	003	C

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
	Available Part Numbers	6.3mm Spade Terminals	Wire Leads			Threaded Bolts	A				
nF				pF							
AMI-M11J-1-10-B-1	1	-	-	10	1.76	200	5500	1500	0.5/1.0	009	A
AMI-M11J-1-10-B-2	1	-	-	10	0.495	200	2800	1500	0.21/0.36	002	A
AMI-M11J-3-10-B-1	-	3	-	10	0.495	200	5500	1500	0.5/1.0	009	C
AMI-M11J-3-10-B-2	-	3	-	10	0.495	200	2800	1500	0.21/0.36	002	C
AMI-M11J-6-10-B	-	-	6	10	0.495	200	5500	1500	0.5/1.0	009	D
AMI-M11J-1-20-B-2	1	-	-	20	0.44	200	2800	1500	0.21/0.36	004	B
AMI-M11J-1-20-B-1	1	-	-	20	0.44	200	5500	1500	0.5/1.0	010	B
AMI-M11J-6-20-B	-	-	6	20	0.44	200	5500	1500	0.5/1.0	010	E
AMI-M11J-6-30-B	-	-	6	30	0.69	940	5500	235	0.5/1.0	011	F
AMI-M11L-6C-30-B*	-	-	6C	30	0.69	940	5500	235	0.5/1.0	011	F
AMI-M11J-6-40-B	-	-	6	40	0.59	940	5500	235	0.5/1.0	012	F
AMI-M11L-6C-40-B*	-	-	6C	40	0.59	940	5500	235	0.5/1.0	012	F
AMI-M11M-6-60-B	-	-	6	60	0.37	940	5500	235	0.5/1.0	013	G

*(C) = Ground Choke

Case Styles

STYLE A

Typical Dimensions:
 Line/Load Terminals (4): .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
 Mounting Holes (2): .188 [4.78] Dia.

STYLE B

Typical Dimensions:
 Line/Load Terminals (4): .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
 Mounting Holes (2): .188 [4.78] Dia.

STYLE C

Typical Dimensions:
 Wire Leads (5): 4.0 [101.6] Min., AWG18 (AWG16 for 10A)
 Mounting Holes (2): .188 [4.78] Dia.

STYLE D

Typical Dimensions:
 Terminals (5): 8-32, Torque 18 lbf-in. [2.03 N-m] max. ± 2 [.22]
 Mounting Holes (2): .188 [4.78] Dia.

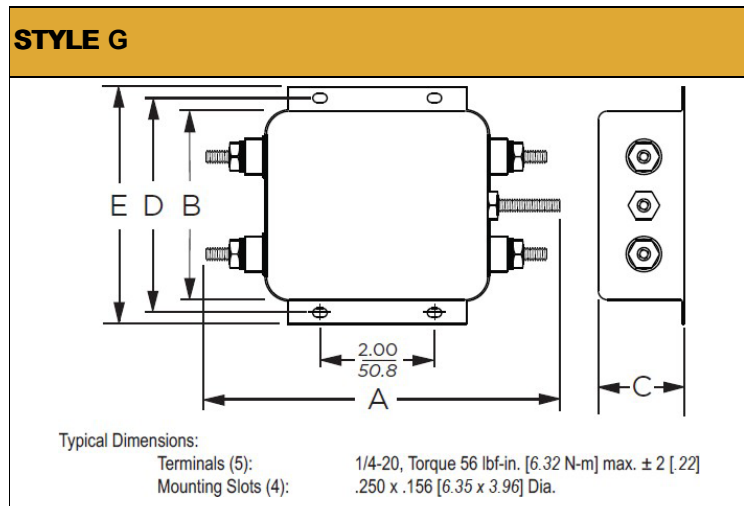
STYLE E

Typical Dimensions:
 Terminals (5): 8-32, Torque 18 lbf-in. [2.03 N-m] max. ± 2 [.22]
 Mounting Holes (2): .188 [4.78] Dia.

STYLE F

Typical Dimensions:
 Terminals (5): 8-32, Torque 18 lbf-in. [2.03 N-m] max. ± 2 [.22]
 Mounting Slots (4): .250 x .156 [6.35 x 3.96] Dia.

Case Styles



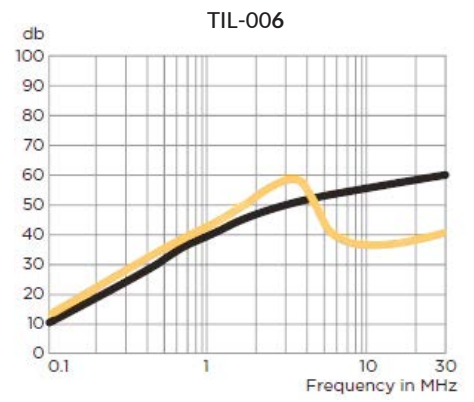
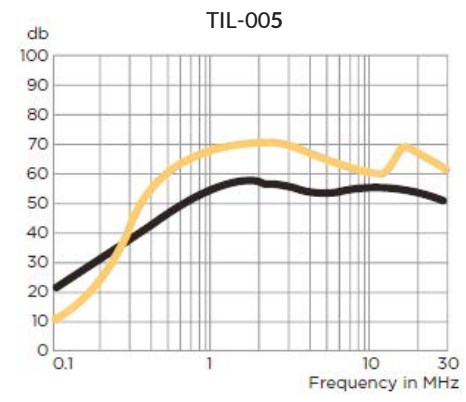
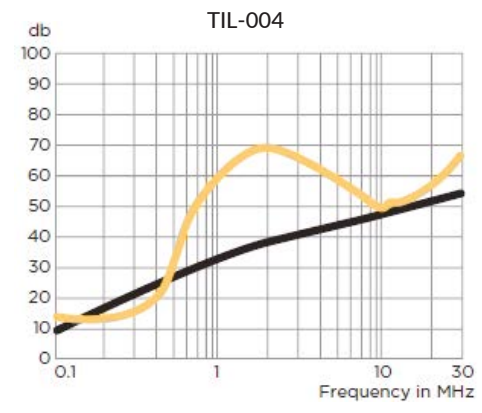
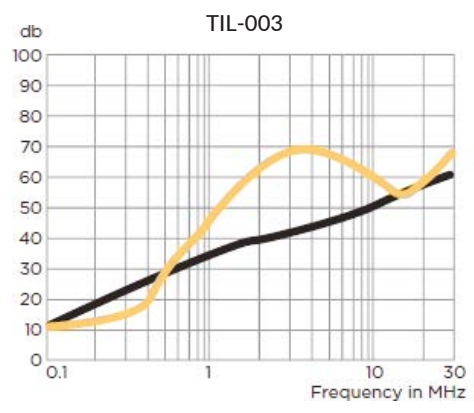
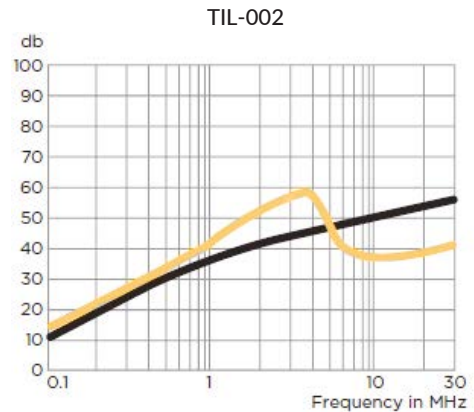
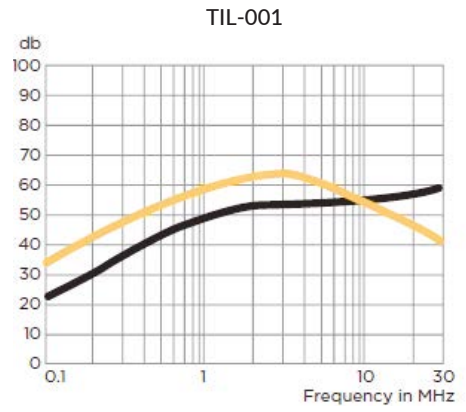
Case Dimensions:

Model Number	A max	B max	C max	D $_{-.15}^{+.38}$	E max
AMI-M11J-1-1/2	3.1"/78.7mm	2.07"/52.6mm	0.91"/23.1mm	2.375"/60.33mm	2.81"/74.1mm
AMI-M11J-3-1/2	1.81"/46.0mm	2.07"/52.6mm	0.91"/23.1mm	2.375"/60.33mm	2.81"/74.1mm
AMI-M11J-1-3/5	3.1"/78.7mm	2.07"/52.6mm	1.16"/29.5mm	2.375"/60.33mm	2.81"/74.1mm
AMI-M11J-3-3/5	1.81"/46.0mm	2.07"/52.6mm	1.16"/29.5mm	2.375"/60.33mm	2.81"/74.1mm
AMI-M11J-1-10	3.35"/85.1mm	2.07"/52.6mm	1.16"/29.5mm	2.375"/60.33mm	2.81"/71.4mm
AMI-M11J-3-10	2.07"/52.6mm	2.07"/52.6mm	1.16"/29.5mm	2.375"/60.33mm	2.81"/71.4mm
AMI-M11J-6-10	3.46"/87.9mm	2.07"/52.6mm	1.16"/29.5mm	2.375"/60.33mm	2.81"/71.4mm
AMI-M11J-1-20	3.35"/85.1mm	2.56"/65.0mm	1.53"/38.9mm	2.938"/74.63mm	3.35"/85.1mm
AMI-M11J-6-20	3.46"/87.9mm	2.56"/65.0mm	1.53"/38.9mm	2.938"/74.63mm	3.35"/85.1mm
AMI-M11J-6-30, AMI-M11J-6C-30	5.34"/135.6mm	3.38"/85.9mm	1.53"/38.9mm	3.75"/95.25mm	4.20"/106.7mm
AMI-M11J-6-40, AMI-M11L-6C-40	5.34"/135.6mm	3.38"/85.9mm	1.53"/38.9mm	3.75"/95.25mm	4.20"/106.7mm
AMI-M11M-6-60	6.0"/152.4mm	3.38"/85.9mm	1.53"/38.9mm	3.75"/95.25mm	4.20"/106.7mm

Typical Insertion Loss

According to CISPR17 in 50 Ω system

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



Typical Insertion Loss

According to CISPR17 in 50 Ω system

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

