

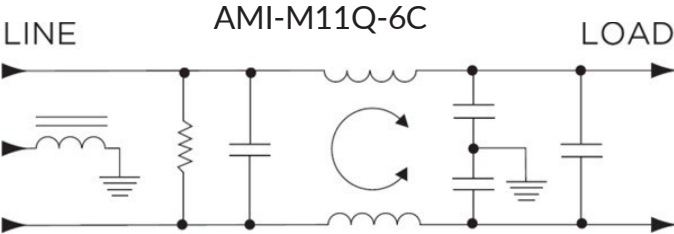
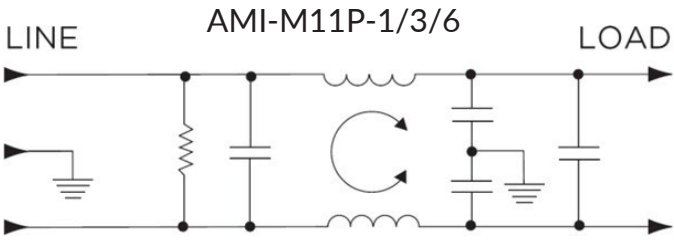
Features

- Earth Line Choke Option
- Choice of Earth Leakage
- Rated up to 40A
- 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	3 to 40A @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			nF	pF		mA		
AMI-M11P-1-3-B-1	1	-	-	3	7.06	540	5500	330	0.4/0.7	001	A
AMI-M11P-3-3-B-1	-	3	-	3	7.06	540	5500	330	0.4/0.7	001	B
AMI-M11P-1-3-B-2	1	-	-	3	7.06	540	2800	330	0.21/0.36	002	A
AMI-M11P-3-3-B-2	-	3	-	3	7.06	540	2800	330	0.21/0.36	002	B
AMI-M11P-1-6-A-1	1	-	-	6	8.73	540	1000	330	0.0004/ 0.0008	001	A
AMI-M11P-3-6-B-1	-	3	-	6	8.73	540	5500	330	0.4/0.7	001	C
AMI-M11P-1-6-B-1	1	-	-	6	8.73	540	5500	330	0.4/0.7	001	A
AMI-M11P-1-6-B-2	1	-	-	6	8.73	540	2800	330	0.21/0.36	002	C
AMI-M11P-3-6-B-2	-	3	-	6	8.73	540	2800	330	0.21/0.36	002	C
AMI-M11P-1-10-B-1	1	-	-	10	7.13	540	5500	330	0.4/0.7	003	A
AMI-M11P-3-10-B-1	-	3	-	10	7.13	540	5500	330	0.4/0.7	003	C
AMI-M11P-1-10-B-2	1	-	-	10	7.13	540	2800	330	0.21/0.36	004	A
AMI-M11P-3-10-B-2	-	3	-	10	7.13	540	2800	330	0.21/0.36	004	C
AMI-M11P-6-20-B	-	-	6	20	6.06	540	4000	470	0.3/0.5	004	D
*AMI-M11P-6-20-C	-	-	6	20	6.06	540	10000	470	0.75/1.25	003	D
AMI-M11P-6-30-B	-	-	6	30	1.73	940	4000	235	0.3/0.5	006	E
*AMI-M11Q-6C-30-B	-	-	6	30	0.529	940	4000	235	0.3/0.5	006	F
*AMI-M11P-6-30-C	-	-	6	30	1.73	940	10000	235	0.75/1.25	005	E
*AMI-M11Q-6C-30-C	-	-	6	30	1.73	940	10000	235	0.75/1.25	005	F
*AMI-M11P-6-40-C	-	-	6	40	2.3	2000	10000	165	0.75/1.25	007	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:
 Wire Leads (5): 4.0 [101.6] Min., AWG18
 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): 10-32, Torque 27 lbf-in. [3.05 N-m] max. ± 2 [.22]
 Mounting Slots (4): .203 x .156 [5.15 x 3.96] Dia.

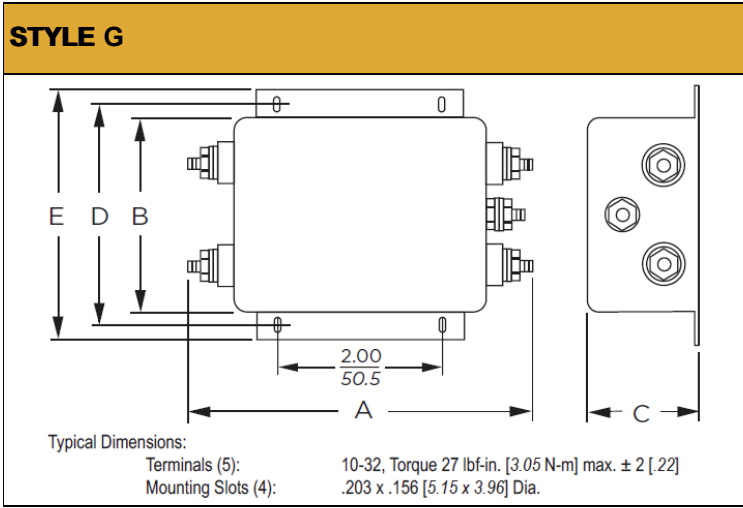
STYLE E

Typical Dimensions:
 Terminals (5): 10-32, Torque 27 lbf-in. [3.05 N-m] max. ± 2 [.22]
 Mounting Slots (4): .250 x .156 [6.35 x 3.96] Dia.

STYLE F

Typical Dimensions:
 Terminals (5): 10-32, Torque 27 lbf-in. [3.05 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 $\frac{+.15}{-.38}$	E max
AMI-M11P-1-3	3.85"/97.8mm	2.07"/52.6mm	1.16"/29.5mm	2.938"/74.63mm	3.35"/85.1mm
AMI-M11P-3-3	2.56"/65.0mm	2.07"/52.6mm	1.16"/29.5mm	2.938"/74.63mm	3.35"/85.1mm
AMI-M11P-1-6	4.34"/110.2mm	2.25"/57.2mm	1.28"/32.5mm	3.427"/87.05mm	3.83"/97.3mm
AMI-M11P-3-6	3.05"/77.5mm	2.25"/57.2mm	1.78"/45.2mm	3.427"/87.05mm	3.83"/97.3mm
AMI-M11P-1-10	4.97"/126.2mm	2.25"/57.2mm	1.78"/45.2mm	4.063"/103.2mm	4.46"/113.3mm
AMI-M11P-3-10	3.69"/93.7mm	2.25"/57.2mm	1.78"/45.2mm	4.063"/103.2mm	4.46"/113.3mm
AMI-M11P-6-20	5.09"/127.3mm	2.25"/57.2mm	1.28"/32.5mm	4.063"/103.2mm	4.46"/113.3mm
AMI-M11P-6-30, AMI-M11Q-6C-30	4.92"/125.0mm	3.12"/79.2mm	2.75"/69.85mm	3.437"/87.3mm	4.00"/101.6mm
AMI-M11P-6-40	6.45"/163.83mm	3.12"/79.25mm	2.18"/55.4mm	3.5"/88.9mm	3.96"/100.6mm

*±0.02 [0.5]

Typical Insertion Loss

According to CISPR17 in 50 Ω system

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

