



EMI FILTER DIVISION

QUICK REFERENCE GUIDE

Manufacture of EMI Filter Technology



Power Entry Modules

SERIES	AMI-M11AG/11AH/11AS	AMI-M11X/Y	AMI-M12AK/AL
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FEATURES & BENEFITS

Our cost efficient medium performance power inlet filters with enhanced two element circuit provides good attenuation up to 30MHz

AMI-M11AH models feature minimal leakage current ideal for medical equipment applications

AMI-M11AS models provide low leakage current

AMI-M11AG models feature snap-in mounting setup

Our dual function power entry module combines a DPST switch and an IEC 60320-1 inlet

Available In shielded or medical grade filter types

Two element circuit provides greater attenuation performance

Optional pre-connected line and switch terminals provide reduced OEM wiring time

Mounting styles include snap-in or flange type

Our superior high performance power filters are designed with IEC 60320-1 INLET

Double three element differential mode circuit attenuates noise up to 1GHz

Currents up to 15A with IEC 60320-1 C14 and 20A with IEC 60320-1 C20

Termination: spade terminals or wire leads

TECHNICAL DATA

Voltage Rating	250VAC	250VAC	250VAC
Rated currents	1 to 20A	1,3,6, 10 or 20A* *Only for AMI-M11Y Series	1,3,6, 10 or 20A
Leakage current each line to ground @120VAC 60Hz/ 250VAC50Hz	AMI-M11AG models: .22 mA/.38 mA AMI-M11AH models: 2µA/5µA AMI-M11AS models: .01 mA/.017 mA	AMI-M11Y models: .30 mA/ 50 mA AMI-M11X models: .30mA/ 50mA	.22mA/ .40mA
Circuit Type	Single stage	Single stage & unfiltered	Dual stage
Mounting Style	Screw and snap-in mounting	Screw and snap-in mounting	Screw and snap-in mounting
Termination Inputs	IEC 60320-1 C14 or C20	IEC 60320-1 C14	IEC 60320-1 C14 or C20
Termination Outputs	.25[6.3] spade terminals, wire leads or PC board pins	.187[4.8] spade terminals or .25[6.3] spade terminals [Available with or without pre-connected switch terminals]	.25[6.3] spade terminals or wire leads

APPLICATIONS

Good RFI suppression performance for wide range of applications including:

- Home appliances
- Exercise machines
- Computing accessories

Good RFI suppression performance for wide range of applications including:

- Network & cabling systems
- PC power supplies
- Medical equipment

Performs upgraded functionality in noise attenuation in the high frequency range up to 1GHz for several electronic applications including:

- Plasma & LCD TVs
- Computing & accessories
- Instrumentation & measurement

Power Entry Modules

SERIES	AMI-M11AB	AMI-M11AA	AMI-M11AC/AD
			

FEATURES & BENEFITS

<p>Highest attenuation available with three element differential mode circuit</p> <p>High common mode inductance</p> <p>High differential mode capacitance</p> <p>Good attenuation of Line to Ground and Line to Line noise across frequency range</p> <p>Several termination options .available</p>	<p>Enhanced performance provided with accessory IEC 60320-1 C13 filtered outlet</p> <p>Allows connection of accessories while filtering noise between a system and the accessory</p> <p>Grounded connection</p> <p>Suitable for international use</p>	<p>Medium attenuation achieved with two element circuit</p> <p>Available with an Internal ground circuit inductor to isolate equipment chassis from powerline ground at radio frequencies</p> <p>Applicable currents up to 15A</p>
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TECHNICAL DATA

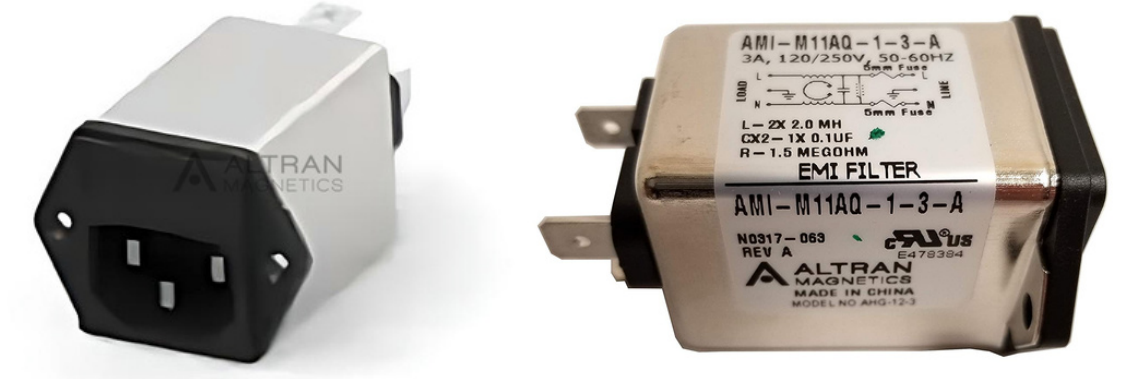
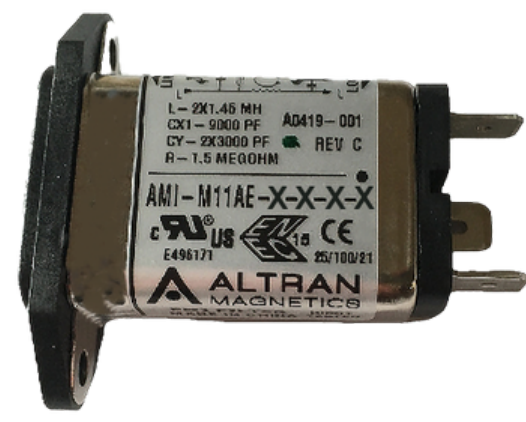
Voltage Rating	250VAC	250VAC	250VAC
Rated currents	1,3,6,or 10A	1,3,6 or 10A	1, 3, 6, 10 or 15A
Leakage current each line to ground @120VAC 60Hz/ 250VAC50Hz	.25mA/ .50mA	.25mA/ .50mA	.22mA/ .38mA
Circuit Type	Single stage	Singte stage	Single stage
Mounting Style	Screw and snap-in mounting	Screw and snap-in mounting	Flange and snap-in mounting
Termination Inputs	IEC 60320-1 C14 or C20	IEC 60320-1 C13	IEC 60320-1 C13
Termination Outputs	.25 [6.3] spade terminals or wire leads	.25[6.3] spade terminals or wire leads	.25[6.3] spade terminals or wire leads

APPLICATIONS

<p>Good RFI suppression performance for wide range of applications including:</p> <ul style="list-style-type: none"> • Network & cabling systems • PC power supplies • Medical equipment 	<p>Performs upgraded functionality in noise attenuation in the high frequency range for several electronic applications including:</p> <ul style="list-style-type: none"> • Plasma & LCD TVs • Computing & accessories • Instrumentation & measurement 	<p>Wide band RFI suppression tor applications Including:</p> <ul style="list-style-type: none"> • TV/Audio/Video • Computing accessories • Home appliances • Medical equipment • Gaming equipment
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Power Entry Modules

SERIES AMI-M11AE/AEA/AF/AEF AMI-M11AI AMI-M11AN/AM/AO/AP/AQ



FEATURES & BENEFITS

<p>Compact Single stage EMI fitter with IEC 60320-1 C14 inlet</p> <p>Two element circuit provides basic attenuation</p> <p>Provided with three different terminal configurations</p>	<p>Compact Single stage EMI filter with IEC 60320-1 C14 inlet</p> <p>Two element circuit provides basic attenuation</p> <p>Available with an internal ground-circuit inductor to isolate equipment chassis from power line ground at radio frequencies</p>	<p>Power entry module with enhanced EMI filter</p> <p>Single or dual fuse options available</p> <p>Basic attenuation provided with two element circuit</p> <p>Available with an internal ground-circuit Inductor</p> <p>Multiple termination and mounting styles</p>
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TECHNICAL DATA

Voltage Rating	250VAC	250VAC	250VAC
Rated currents	1,3,6, 10 or 15A	1,3,6 or 15A	1, 3, 6 or 10A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	<p>11AE/AEA models: .22mA/ .38mA</p> <p>11AF/AEF models: 2µA/ 5µA</p>	.21mA/ .36mA	<p>AN/AM/AO/AP models: .25mA/.42mA</p> <p>AQ models: 2µA/ 5µA</p>
Circuit Type	Single stage	Single stage	Single stage
Mounting Style	Screw and snap-in mounting	Screw and snap-in mounting	Screw and snap-in mounting
Termination Inputs	IEC 60320-1 C14	IEC 60320-1 C14	.250[6.3] spade terminals or wire leads
Termination Outputs	.25[6.3] spade terminals or wire leads	.25[6.3] spade terminals or wire leads	.250[6.3] spade terminals or wire leads

APPLICATIONS

<p>Good RFI suppression performance for wide range of applications Including:</p> <ul style="list-style-type: none"> • Entertainment gadgets • Network & cabling systems • PC power supplies • Medical equipment 	<p>Wide band RFI suppression for applications with limited space including:</p> <ul style="list-style-type: none"> • TV/Audio/Video • Computing & PC powers supplies • Network & cable systems • Medical equipment 	<p>Wide band RFI suppression tor numerous applications including:</p> <ul style="list-style-type: none"> • TV/Audio/Video • Computing & accessories • Home appliances • Medical equipment
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Power Entry Modules

SERIES

AMI-M11AR



FEATURES & BENEFITS

Minimal leakage current suitable for medical devices

Provided with internal ground circuit inductor to isolate equipment chassis from power line ground at radio frequencies

Basic EMI attenuation achievable with two element circuit

Flange mounting style available

TECHNICAL DATA

Voltage Rating	250VAC
Rated currents	3, 6, 10 or 15A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	2 μ A/ 5 μ A
Circuit Type	Single stage
Mounting Style	Chassis mount
Termination Inputs	.250 [6.31] spade terminals or wire leads
Termination Outputs	.250 [6.3] spade terminals or wire leads

APPLICATIONS

Wide band RFI suppression for applications with limited space including:

- TV/Audio/Video
- Computing & PC powers supplies
- Network & cable systems
- Medical equipment

Power Line Filters



FEATURES & BENEFITS

Our high impedance RFI filters provide wide range applications due to their compactness and low cost

Designed with multiple terminations including spade terminals, wire leads & threaded bolt

Our high impedance load RFI power line filters are Ideal for pulsed, continuous and/or intermittent RFI applications

Choke options available

Our enhanced cost efficient design RFI line filters provide high performance line to line attenuation

TECHNICAL DATA

Voltage Rating	Max : 250 VAC	Max: 250VAC	Max: 250 VAC
Rated currents	1, 2, 3, 5, 10, 20 or 30A	1, 2, 3, 5, 10, 20, 30, 40 or 60A	1, 3, 6, 10 or 20A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	AMI-M11H models: 2µA/ 5µA	AMI-M11J/K/L/M (B-1) models: .5mA/ 1.0mA AMI-M11J/K/L/M (B-2) models: .21 mA / .36mA	AMI-M11D (B-1) models: .4mA/ .7 mA AMI-M11D (B-2) models: .22mA / .38 mA
Circuit Type	Single stage	Single stage	Single stage
Mounting Style	Screw mounting	Screw mounting (flange or panel)	Screw mounting
Termination Inputs	.23[6.3] spade terminals, 8-32 terminal bolt & nut or wire leads	.25 [6.3] spade terminals, 8-32 terminal bolt & nut, wire leads or IEC 60320-1 C14 or C20	.25 [6.3] spade terminals, 8-32 terminal bolt & nut or wire leads
Termination Outputs	.25[6.3] spade terminals, 8-32 terminal bolt & nut or wire leads	.25 [6.3] spade terminals, 8-32 terminal bolt & nut or wire leads	.25[6.3] spade terminals. 8-32 terminal bolt & nut or wire leads

APPLICATIONS

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Medical accessories • Residential appliances • Battery charging systems | <ul style="list-style-type: none"> • Residential appliances • Medical accessories • Home appliances • Test measuring devices | <ul style="list-style-type: none"> • Residential appliances • Medical accessories • Computing & accessories |
|---|--|--|

Power Line Filters

SERIES	AMI-M12R/12S	AMI-B11AW/M11W	AMI-M12T/U/V & AMI-M12Z/AA/AB/AC
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FEATURES & BENEFITS

Our specially designed Dual T section RFI filter are suited for noisy environments

Ideal for pulsed, continuous and/or intermittent interference

Ensures low leakage current without affecting insertion loss

Our high performance power line filters are designed with compact chassis arrangement, for easy mounting

Provides excellent filtering solution in minimal size

Ideal for emission control applications

Our wide range application power line RFI filters are exclusively designed for emission control in equipment utilizing SCR and T2L circuits

12C series provide low impedance frequencies, 12B series provide for high impedance frequencies

TECHNICAL DATA

Voltage Rating	Max: 250 VAC	Max: 250VAC	Max: 250 VAC
Rated currents	1, 2, 3, 5, 10 or 20A	1, 2, 3, 4 or 6A	3, 6, 10, 20 & 60A (60A S series only)
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	AMI-M12R/S (B-1) models: .4 mA/ .7 mA AMI-M12R/S (B-2) models: .21 mA / .36 mA	.3 mA/ .5mA	.4 mA / .7 mA (12T/U/V series 3-10A) .75 mA / 1.25 mA (12T/U/V series 60A) .5 mA / .82 mA (12Z/AA/AB/AC series)
Circuit Type	Dual stage	Singte stage	Dual stage
Mounting Style	Screw mounting (flange or panel)	Scew mount or PC board pins	Screw mounting
Termination Inputs	.24[6.3] spade terminals, 8-32 terminal bolt & nut, wire leads	.25 [6.3] spade terminals or PCB pins .065[1.65] diagonal	.25 [6.3] spade terminals, or terminal bolt & nut
Termination Outputs	.25 [6.3] spade terminals, 8-32 terminal bolt & nut or wire leads	.25 [6.3] spade terminals or PCB pins .065[1.65] diagonal	.25 [6.3] spade terminals, or terminal bolt & nut

APPLICATIONS

- Security protection devices
- Industrial equipment & controls
- Motors
- Semiconductor actuators

- Great for space conserving applications
- Switching power supplies
- Industrial single phase applications

- Rodential appliances
- Medical accessories
- Computing & accessories

Power Line Filters



FEATURES & BENEFITS

Our high performance RFI filters provide upgraded functionality in attenuation performance for most digital electronics equipment

Operate at a wide frequency range of 20kHz to 30MHz

Cost efficient design

Our RFI line filters provide high performance with space efficient design

Low leakage current application filters can be custom designed

Filters operating at 30A are comparatively smaller in size

Our RFI line filters are exclusively designed for Switch Mode Power Supply (SMPS) emission control

Ensures reduced noise levels in equipment's that comply with FCC/EN specifications

Some models are equipped with separate ground circuit inductor

TECHNICAL DATA

	AMI-M11E/12D	AMI-M110	AMI-M11P/11Q/11R
Voltage Rating	Max: 250VAC	250VAC	250 VAC
Rated currents	6 & 10A	6, 10, 20 & 30A	3, 6, 10, 20, 30 & 40A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	.3 mA/ .5 mA: (AMI-M11E/12D-B models) 1.2 mA/2.0 mA: (AMI-M11E/12D-D models)	.22 mA / .36 mA: (AMI-M110-B models) .75 mA / 1.25 mA: (AMI-M110-C/D models)	.4 mA/ .7 mA: (3-10A AMI-M11P/R (B-1) models): .21 mA / .36 mA: (3-10A AMI-M11P/R (B-2/C) models): .75 mA / 1.25 mA: (20-40A AMI-M11P/Q (C) models): .3 mA / .5 mA: (20-40A AMI-M11P/Q (B) models):
Circuit Type	Single and Dual stage	Single stage	Single stage
Mounting Style	Screw mounting	Screw mounting	Screw mounting (flange or panel)
Termination Inputs	.25 [6.3] spade terminals	.25 [6.3] spade terminals or 8-32 terminal bolt & nut	.25 [6.3] spade terminals, terminal bolt & nut, wire leads or IEC 60320-1 C14
Termination Outputs	.25 [6.3] spade terminals	.25 [6.3] spade terminals or 8-32 terminal bolt & nut	.25 [6.3] spade terminals, terminal bolt & nut or wire leads

APPLICATIONS

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Switching power supplies • Industrial single phase applications • Small machinery | <ul style="list-style-type: none"> • Residential appliances • Medical accessories • Computing & accessories | <ul style="list-style-type: none"> • Residential appliances • Medical accessories • Computing & accessories |
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Power Line Filters

SERIES

AMI-M11N

AMI-M12A

AMI-M12J/12K/12L/12M/12N



FEATURES & BENEFITS

Our compact power line filters provide significant differential mode performance

Ideal for low leakage current applications

Compact dual stage filters are designed for current rating up to 30A

Good differential mode attenuation and common mode performance

Ideal for switching mode power supplies

Our high performance RFI Filters provide upgraded functionality in attenuation performance for common and differential mode Interference

Operating frequency range include 10kHz to 30MHz

Rated currents of 3 or 6A are available with IEC inlet

Custom designed filters ideal for medical applications are available

TECHNICAL DATA

	AMI-M11N	AMI-M12A	AMI-M12J/12K/12L/12M/12N
Voltage Rating	250VAC	250VAC	250 VAC
Rated currents	3, 6, 10, 15 & 20A	3, 6, 10, 15, 20 & 30A	3, 6 & 20A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	.16 mA / .26mA	.21 mA / .43 mA: (3-10A models) .73 mA / 1.52 mA: (15-30A models)	.73 / 1.27 mA: AMI-12/J/L/M (C) models: .22 / .38 mA: AMI-12/J/K/L/M/N (B) models:
Circuit Type	Single stage	Single stage	Single stage
Mounting Style	Screw mounting	Screw mounting	Screw mounting (flange or panel)
Termination Inputs	.25 [6.3] spade terminals	.25 [6.3] spade terminals, 8-32 terminal bolt & nut, wire leads	.25 [6.3] spade terminals, wire leads or IEC 60320-1 C14
Termination Outputs	.25 [6.3] spade terminals	.25 [6.3] spade terminals, 8-32 terminal bolt & nut, wire leads	.25 [6.3] spade terminals or wire leads

APPLICATIONS

- Industrial machinery
- Small machine tools
- Residential appliances
- Power supplies

- Single phase industrial machinery
- Switching power supplies
- Power saving equipment
- Battery charging device

- Trouble shooting operations
- Single phase industrial applications
- HVAC systems
- Switching power supplies

Power Line Filters

SERIES

AMI-M12B/C

AMI-M12E/F/G/H

AMI-M11U&V



FEATURES & BENEFITS

Dual stage RFI power filters are designed to meet low leakage current requirements

High insertion loss

VP series meet standard RFI requirements

Engineered and designed to provide the maximum attenuation of RFI noise in the frequency range from 10kHz to 30MHz for low leakage current applications

Size and cost effective

Our AMI-M11U & V series offers high performance, low cost filter ideal for appliance equipment

Designed for cost effective and tubular design

AMI-M11UD/E/F models complies with leakage current requirements for portable devices

Various mounting styles available

TECHNICAL DATA

Voltage Rating	250VAC	250VAC	250 VAC
Rated currents	3, 6, 7, 10, 12 & 20A	3 & 6A	16A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	.73 mA/ 1.27 mA: AMI-M12B (C) models: .21 mA / .36 mA: AMI-M12A/B (B) models:	2µA/5µA	AMI-M11U/V (C) models: .76 mA/ 1.27 mA AMI-M11U/V (B) models: .10 mA / .20 mA
Circuit Type	Dual stage	Dual stage	Single stage
Mounting Style	Screw mounting	Screw mounting (flange or panel)	Screw-in mounting stud
Termination Inputs	.25 [6.3] spade terminals, wire leads, terminal bolt & nut, or IEC 60320-1 C14	.25 [6.3] spade terminals, wire leads, threaded bolt & nut, or IEC 60320-1 C13	.25 [6.3] spade terminals, wire leads or RAST 5 header interface
Termination Outputs	.25 [6.3] spade terminals, wire leads, or terminal bolt & nut	.25 [6.3] spade terminals, wire leads, threaded bolt & nut, or IEC 60320-1 C13	.25 [6.3] spade terminals, wire leads or RAST 5 header interface

APPLICATIONS

- Drive motors & controllers
- Single phase industrial applications
- Consumer electronics

- Drive motors & controllers
- Single phase industrial applications
- Consumer electronics

- Specially designed for wide band RFI suppression for many applications including:
- Washing appliances and dryers
 - Dishwashers
 - Refrigerators & freezers
 - Coffee machines
 - Handheld appliances & tools
 - Ovens & ranges

Power Line Filters

SERIES	AMI-M11S/T&12W/X/Y	AMI-M12Q	AMI-M12AI
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FEATURES & BENEFITS

Compact design filters available with superior common-mode and premium differential-mode attenuation

Size and cost effective

Our AMI-M12Q series has been designed to meet multi-purpose medical applications

Better line to ground performance

Designed to resolve emission or immunity problems

Designed to meet leakage current requirements or UL2601 for health care equipment

Our AMI-M12AI series has been exclusively designed for lighting devices, fluorescent lamp and related lighting ballasts, thereby also meeting requirements at 277 VAC or 277 VDC

Provides good attenuation in the range of 100kHz to 30MHz

Compact size of filter allows for installation in most standard lighting tracks

Strong differential mode performance

TECHNICAL DATA

Voltage Rating	250VAC	250VAC	277 VAC
Rated currents	3, 6, 10, 15 or 20A	3, 6, 10 or 20A	3, 6, 10 or 20A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	.3mA/ .5mA AMI-M11S/T & AMI-M12W/X/Y (C) models: .75mA/ 1.2mA AMI-M12W/X/Y (D) models:	.07mA/.13mA	.28mA / .21mA @120 VAC 60Hz / 277VAC 60 Hz
Circuit Type	Single & Dual stage	Dual stage	Dual stage
Mounting Style	Screw mounting (flange or panel)	Screw mounting (flange or panel)	Screw mounting (flange or panel)
Termination Inputs	.25 [6.3] spade terminals, wire leads, threaded bolt & nut, or IEC 60320-1 C13	.25 [6.3] spade terminals	Wire leads
Termination Outputs	.25 [6.3] spade terminals, wire leads, threaded bolt & nut, or IEC 60320-1 C13	.25 [6.3] spade terminals	Wire leads

APPLICATIONS

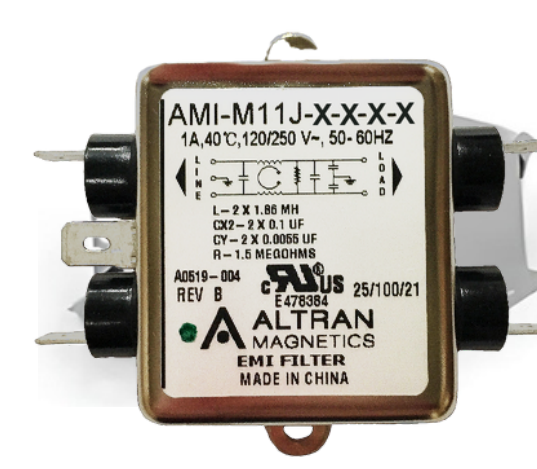
- Industrial machinery
- Small machine tools
- Residential appliances
- Power supplies

- Medical equipment & accessories
- Power supplies

- Fluorescent ballasts
- LED displays
- Office and hospital lighting
- Lower current industrial applications

Power Line Filters

SERIES	AMI-B11B/C	AMI-M11A	AMI-M11J/K/L/M
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FEATURES & BENEFITS

<p>PC board mountable RFI filters designed for general purpose</p> <p>Provides low leakage currents</p> <p>Compact size & cost effective design</p> <p>Designed for enhanced differential mode performance</p> <p>AMI-M11B features compact size</p>	<p>RFI filters for high Impedance load/low current designed for general purpose applications</p> <p>Multiple termination options available</p> <p>Meets low leakage current requirements of VDE portable equipment and medical applications</p>	<p>RFI power line filters designed for high impedance loads</p> <p>Meets pulsed, continuous and/or intermittent RFI interference requirements</p> <p>Ground choke options available</p>
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TECHNICAL DATA

Voltage Rating	250VAC	250VAC	250 VAC
Rated currents	1, 3, 6 or 10A	1, 2, 3, 5, 10, 20 or 30A	1, 2, 3, 5, 10, 20, 30, 40 or 60A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	<p>AMI-B11B/C (B-1/B-2) models: .22mA/ .38mA</p> <p>AMI-B11B/C (B) models: .13mA/ .21mA</p>	<p>AMI-M11A (D) models: .4mA/ .7mA</p> <p>AMI-M11A (B) models: .21mA/ .36mA</p>	<p>AMI-M11J/K/L/M (B-1) models: .5mA/ 1.0mA</p> <p>AMI-M11J/K/L/M (B-2): .21mA/ .36mA</p>
Circuit Type	Single stage	Single stage	Single stage
Mounting Style	PC board pins	Screw mounting	Screw mounting (flange or panel)
Termination Inputs	PCB pins .025[.635] square	.25[6.3] spade terminals, 8-32 terminal bolt & nut or wire leads	.25[6.3] spade terminals, 8-32 terminal bolt & nut, wire leads or IEC 60320-1 C14 or C20
Termination Outputs	PCB pins .025[.635] square	.25[6.3] spade terminals, 8-32 terminal bolt & nut or wire leads	.25[6.3] spade terminals, 8-32 terminal bolt & nut or wire leads

APPLICATIONS

Designed for PCB mounting with wide applications in:

- Gaming machines
- Cash terminals
- Office equipment
- Small consumer electronics
- TV/Audio/Video
- Computing and accessories

Wire band RFI suppression for applications requiring low attenuation Including:

- HVAC
- TV/Audio/Video
- Computing & Accessories
- Home appliances
- Medical equipment
- Battery charging systems

Universal filter applications requiring mid-range attenuation Including:

- TV/Audio/Video
- Computing & accessories
- Home appliances
- Medical equipment
- Gaming machines
- Exercise equipment

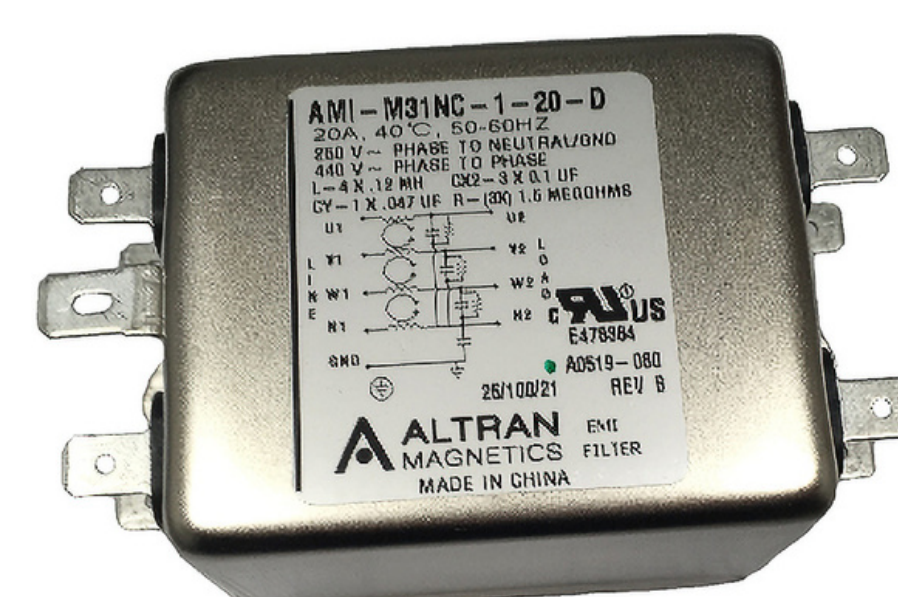
Power Line Filters

SERIES

AMI-M-31NA

AMI-M31NB

AMI-M31NC



FEATURES & BENEFITS

Our 3-Phase RFI power line filters offer four-wire, WYE applications

Cost efficient, versatile 3-phase fitters

Effective attenuation performance over frequency levels of 10kHz to 30MHz

Two different styles of mounting

Our 3-Phase RFI power line filters with four wire configuration provide for WYE and high noise applications

Great attenuation performance with low leakage current

Best suited for EMC troubleshooting operations and refurbishing in the field

Safe handling terminals provide feasible connections and accidental contact safety

Our low current 3-phase RFI filters are designed for four wire, WYE applications

Filters each of the three lines in addition to the neutral

All filters provide good attenuation performance beginning at 100 KHz

Ensures low leakage current

Compact design

TECHNICAL DATA

Voltage Rating	440 VAC Phase to Phase 250 VAC Phase to Neutral/Ground	480 VAC Phase to Phase 277 VAC Phase to Neutral/Ground	440 VAC Phase to Phase 250 VAC Phase to Neutral/Ground
Rated currents	16, 25, 36, 50 & 100A	25 & 180A	3, 6, 10 & 20A
Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz	1.62 mA/2.82 mA	Varies from 62/106 mA for 25A to 111/192 mA for 180A model	2.0 mA/3.0 mA: (3 -10A models) 3.5 mA/5.5 mA: (20A models)
Circuit Type	Single stage	Single stage	Single stage
Mounting Style	Screw mounting (flange or inserts)	Screw mounting (flange)	Screw mounting (flange or panel)
Termination Inputs	Terminal bolt & nut or DIN type	DIN type terminals	0.25[6.3] spade terminals
Termination Outputs	Terminal bolt & nut or DIN type	DIN type terminals	0.25[6.3]

APPLICATIONS

- universal filters are designed to provide continuous operation in power supplies
- Used in industrial motor drive applications
- Used in machinery

- Extensive RFI suppression for WYE applications with very high RFI emissions including:
- Frequency convertors with very long motor cables
 - Machinery tools

- Contributes to low to minimal RFI emissions in:
- Consumable service equipment
 - Vending machines
 - Entertaining gadgets
 - Machine servicing tools

Power Entry Modules

SERIES AMI-M32A



FEATURES & BENEFITS

Our space saving 3-phase Delta RFI filters are provided with light weight book-form

Good quality safe terminals with insulation for input and output

Provides better common and differential mode performance below 100kHz

Safe handling terminals provide feasible connections and accidental contact safety

TECHNICAL DATA

Voltage Rating 440 VAC Phase to Phase
250VAC Phase to Neutral-Ground

Rated currents 20 to 60A

Leakage CURRENT each line to ground @120VAC 60Hz/ 250VAC50Hz 1.4mA / 3.4mA

Circuit Type Single stage

Mounting Style Screw mounting (flange)

Termination Inputs DIN type terminals

Termination Outputs DIN type terminals

APPLICATIONS

Designed exclusively for regeneration systems of returning power, with extensive RFI suppression for industrial 3-phase applications including:

- Machinery tools
- 3-phase invertors & converters
- Variable speed motor drives
- Process automation services
- Variable speed automotive motor drives



1741 Industrial Drive, No 14,
Sterling, IL 61081
Tel: 815-632-3150 • Fax: 815-632-3449
www.altranmagnetics.com • sales@altranmagnetics.com