



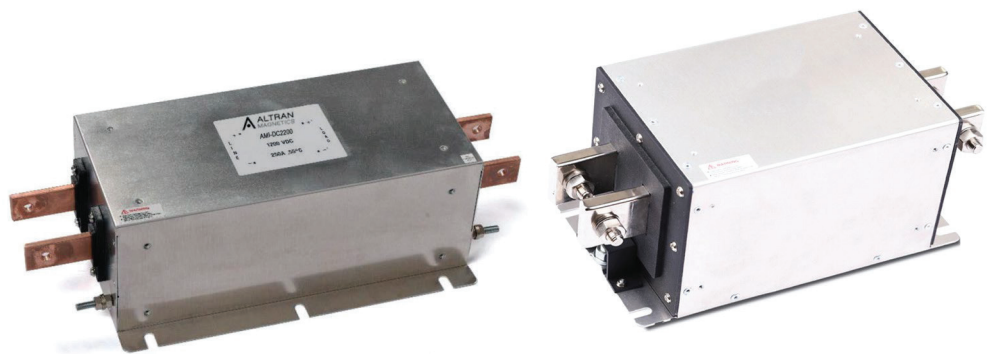
EMI Filters Catalog

2024

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IEC Inlet/Power Entry Module

Altran's IEC Inlet / Power Entry Module Filters provide one solution for a variety of power entry requirements. Each series supports several configurations to meet different market needs. Selecting a Power Entry Module from Altran Magnetics' lineup simplifies the mechanical design by replacing up to five individual parts. There are several available combinations that can be your cost-effective solution to the power entry requirements for a wide range of systems.

| Series | Max. Voltage | Rated current [A] | | | Features | Approvals |
|--|------------------------|-------------------------|------|-----------|----------------------|--|
| | | 1 | 10 | 20 | | |
| | | Attenuation Performance | | | | |
| | | standard | high | very high | | |
|  | AMI-M11AV | 125VDC | 3 15 | | 3-Pin, Telecom | UL US CE |
|  | AMI-9194 | 250 VAC | 1 10 | | Fuses / Switch | UL CE |
|  | AMI-9184 | 250 VAC | 1 10 | | Fuses / Switch | UL CE |
|  | AMI-9163 | 250 VAC | 1 10 | | Switch SP | UL CE |
|  | AMI-M11AA | 250 VAC | 1 10 | | IEC Outlet | UL US CE |
|  | AMI-M11AB*/M11AC/M11AD | 250 VAC | | 10 15 | Earth Line Choke | UL US CE |
|  | AMI-M11AE/AF | 250 VAC | | 10 15 | PCB / Medical | UL US CE  |
|  | AMI-M11AG/M11AH* | 250 VAC | 1 | 20 | Best in Class | UL US CE  |
|  | AMI-M11AI/AJ | 250 VAC | 1 | 15 | Earth Line Choke | UL US CE  |
|  | AMI-M11AM/AN/AO/AP/AQ | 250 VAC | 1 10 | | Fused / Full Options | UL US CE  |
|  | AMI-M11K | 250 VAC | 3 | 20 | Compact | UL US CE |
|  | AMI-M11R | 250 VAC | 3 10 | | High performance | UL US CE  |
|  | AMI-M11T/M11G* | 250 VAC | 3 6 | | Medical Option | UL US CE |
|  | AMI-M12AK/AL | 250 VAC | 1 | 20 | Compact 2-stage | UL US CE |
|  | AMI-M12C | 250 VAC | 1 6 | | Top performance | UL US CE  |
|  | AMI-M12G/H/M/N | 250 VAC | 3 | 20 | Earth Line Choke | UL US CE |
|  | AMI-M12S | 250 VAC | 1 10 | | Low profile | UL US CE |






















Single-Phase Filters

Altran's Single-Phase Filters are ideal for use in controlling EMI emissions or susceptibility across an array of applications. Available in variety of performance Earth Leakage, and many termination and mounting options, these general purpose Filters offer a cost-effective solution to most EMI applications. Medical versions also available with no capacitors to Earth.

| Series | Max. Voltage | Rated current [A] | | Attenuation Performance | Features | Approvals |
|--|--------------|-------------------|------|-------------------------|------------------------|---------------|
| | | standard | high | | | |
|  | 250 VAC | 3 | 20 | High DM/CM attenuation | High DM/CM attenuation | UL US CE |
|  | 250 VAC | 1 | 30 | Entry Level | Entry Level | UL US CE Δ |
|  | 250 VAC | 3 | 15 | Compact Medical | Compact Medical | UL US CE |
|  | 250 VAC | 1 | 20 | General purpose | General purpose | UL US CE |
|  | 250 VAC | 6 | 10 | High DM/CM attenuation | High DM/CM attenuation | UL US CE |
|  | 250 VAC | 3 | 6 | Ideal for Medical | Ideal for Medical | UL US CE |
|  | 250 VAC | 1 | 60 | Earth Line Choke | Earth Line Choke | UL US CE |
|  | 250 VAC | 3 | 20 | High CM attenuation | High CM attenuation | UL US CE Δ |
|  | 250 VAC | 3 | 30 | General Purpose | General Purpose | UL US CE Δ |
|  | 250 VAC | 3 | 40 | High CM attenuation | High CM attenuation | UL US CE Δ 15 |
|  | 250 VAC | 3 | 30 | Standard 2-stage | Standard 2-stage | UL US CE Δ |
|  | 277 VAC | 0.5 | 6 | Lighting equipment | Lighting equipment | UL US CE |
|  | 250 VAC | 3 | 20 | Highest Performance | Highest Performance | UL US CE Δ 15 |
|  | 250 VAC | 3 | 20 | High DM/CM attenuation | High DM/CM attenuation | UL US CE |
|  | 250 VAC | 10 | 15 | High DM/CM attenuation | High DM/CM attenuation | UL US CE |
|  | 250 VAC | 1 | 20 | Filtering 2-Stage | Filtering 2-Stage | UL US CE |
|  | 250 VAC | 3 | 60 | High DM attenuation | High DM attenuation | UL US CE |
|  | 250 VAC | 10 | 20 | High DM attenuation | High DM attenuation | UL US CE |
|  | 250 VAC | 3 | 20 | High DM/CM attenuation | High DM/CM attenuation | UL US CE Δ |






















































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| Series | Max. Voltage | Rated current [A] | | | Features | Approvals |
|---|--------------|-------------------------|------|-----------|------------------------|---|
| | | 1 | 10 | 20 | | |
| | | Attenuation Performance | | | | |
| | | standard | high | very high | | |
|  AMI-21 | 250 VAC | 1 | 60 | | Entry Level | c   |
|  AMI-22 | 250 VAC | 1 | 60 | | Good for immunity | c   |
|  AMI-23 | 250 VAC | 1 | 30 | | High CM performance | c   |
|  AMI-26 | 250 VAC | 1 | 30 | | Wideband Performance | c   |
|  AMI-27 | 250 VAC | 1 | 36 | | Motor Applications | c   |
|  AMI-28 | 250 VAC | 1 | 16 | | High DM Performance | c   |
|  AMI-29 | 250 VAC | 1 | 30 | | High DM/CM performance | c   |



Three Phase Filters

Altran offers EMI and RFI 3-Phase Filters for control of EMI emissions across a broad range of industrial applications. Available in 3 Lines or 4 Lines with Neutral configurations and a variety of terminal connection options.

| Series | Max. Voltage | Rated current [A] | | | Features | Approvals |
|---|--------------|-------------------------|------|-----------|-------------------------|---|
| | | 1 | 150 | 300 | | |
| | | Attenuation Performance | | | | |
| | | standard | high | very high | | |
|  AMI-3355 | 520VAC | 1 150 | | | Entry level 3-Line |    |
|  AMI-4355 | 520VAC | 6 150 | | | Entry Level 4-line |    |
|  AMI-3361 | 520VAC | 3 250 | | | Compact |    |
|  AMI-3070 | 520VAC | 10 | | 1000 | EV Chargers |   |
|  AMI-3059 | 760VAC | 150 | | 2500 | Best for High Current |   |
|  AMI-3367HV | 760VAC | 6 | | 1000 | Highest Voltage |    |
|  AMI-3380 | 520VAC | 7 150 | | | Book Style |    |
|  AMI-3360 | 520VAC | 7 150 | | | Book Style |    |
|  AMI-M31NA | 440VAC | 16 100 | | | Standard 4-Line |    |
|  AMI-M31NB | 480VAC | 16 180 | | | High attenuation 4-Line |   |
|  AMI-M31NC | 440VAC | 3 20 | | | Entry Level 4-Line |   |
|  AMI-M32A | 480VAC | 7 180 | | | Book Style 2-stage |   |
|  AMI-3087 | 530VAC | 10 230 | | | Compact Book Style |   |
|  AMI-3088 | 760VAC | 10 230 | | | Compact Book Style |   |
|  AMI-3339 | 520VAC | | 300 | 1000 | High Current / Busbars |    |



PCB Filters

PCB filters from Altran Magnetics ensure EMC compliance and superior noise suppression for low to medium power applications. These filters are designed for reliability, offering flexible electrical and mechanical specifications. This flexibility makes them easy to integrate into various electronic systems, catering to a multitude of application requirements.

| | Series | Max. Voltage | Rated current [A] | | | Attenuation Performance | Features | Approvals |
|---|----------------|--------------|-------------------|------|-----------|-------------------------|----------|-----------|
| | | | 1 | 3 | 5 | | | |
| | | | standard | high | very high | | | |
|  | AMI-B11AW/M11W | 250VAC | 1 | 6 | | High Performance | UL US CE | |
|  | AMI-B11B/B11C | 250VAC | 1 | 10 | | Standard Performance | UL US CE | |

DC Filters

DC filters from Altran Magnetics ensure EMC compliance and excellent noise suppression for high-power applications. Designed for high-voltage environments, these filters offer multiple voltage levels and rated currents. They meet stringent international harmonized standards (UL, CSA, IEC, etc.), providing reliable performance for demanding industrial needs.

| | Series | Max. Voltage | Rated current [A] | | | | | | Attenuation Performance | Features | Approvals |
|---|----------|------------------|-------------------|------|-----------|------|------|------|-------------------------|----------|-----------|
| | | | 50 | 150 | 1000 | 1500 | 2500 | 3000 | | | |
| | | | standard | high | very high | | | | | | |
|  | AMI-2240 | 500/1000/1500VDC | | 150 | 1600 | | | | EV Chargers | UL US CE | |
|  | AMI-2200 | 1200VDC | 25 | | 2500 | | | | Renewable Energy | UL US CE | |



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