



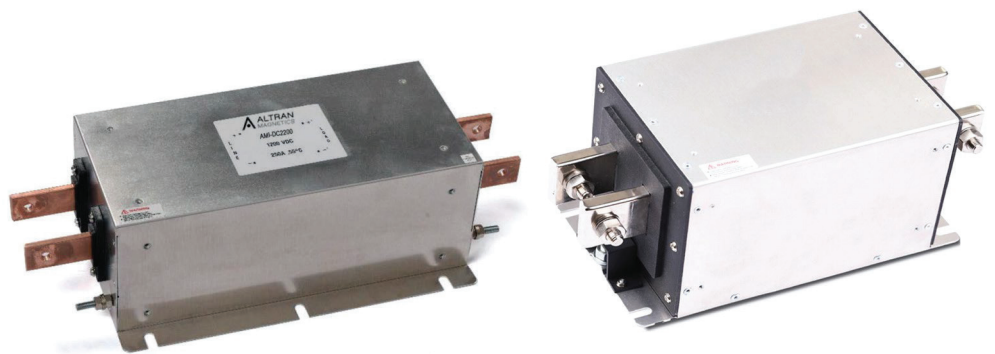
EMI Filters Catalog

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]		Attenuation Performance			Features	Approvals	
		1	10	standard	high	very high			
	AMI-M11AV	125VDC	3	15	standard			3-Pin, Telecom	UL US CE
	AMI-9194	250 VAC	1	10	standard	high		Fuses / Switch	UL CE
	AMI-9184	250 VAC	1	10	standard			Fuses / Switch	UL CE
	AMI-9163	250 VAC	1	10	standard			Switch SP	UL CE
	AMI-M11AA	250 VAC	1	10	standard			IEC Outlet	UL US CE
	AMI-M11AB*/M11AC/M11AD	250 VAC		10	15	standard		Earth Line Choke	UL US CE
	AMI-M11AE/AF	250 VAC		10	15	standard		PCB / Medical	UL US CE E15
	AMI-M11AG	250 VAC	1	20	standard	high		Best in Class	UL US CE Δ
	AMI-M11AI/AJ	250 VAC	1	15	standard			Earth Line Choke	UL US CE E15
	AMI-M11AM/AN/AO/AP/AQ	250 VAC	1	10	standard	high		Fused / Full Options	UL US CE Δ
	AMI-M11K	250 VAC	3	20	standard			Compact	UL US CE
	AMI-M11R	250 VAC	3	10	standard	high		High performance	UL US CE E15
	AMI-M11T/M11G*	250 VAC	3	6	standard	high		Medical Option	UL US CE
	AMI-M12AK/AL	250 VAC	1	20	standard	high		Compact 2-stage	UL US CE
	AMI-M12C	250 VAC	1	6	standard	high		Top performance	UL US CE E15
	AMI-M12G/H/M/N	250 VAC	3	20	standard	high		Earth Line Choke	UL US CE
	AMI-M12S	250 VAC	1	10	standard			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]		Features	Approvals
		standard	high		
 AMI-M12J/K/L	250 VAC	3	20	High DM/CM attenuation	cULus CE
 AMI-M11A	250 VAC	1	30	Entry Level	cULus CE Δ
 AMI-M11AR	250 VAC	3	15	Compact Medical	cULus CE
 AMI-M11D	250 VAC	1	20	General purpose	cULus CE
 AMI-M11E/M12D	250 VAC	6	10	High DM/CM attenuation	cULus CE
 AMI-M11S	250 VAC	3	6	Ideal for Medical	cULus CE
 AMI-M11J/L/M	250 VAC	1	60	Earth Line Choke	cULus CE
 AMI-M11N	250 VAC	3	20	High CM attenuation	cULus CE Δ
 AMI-M11O	250 VAC	3	30	General Purpose	cULus CE Δ
 AMI-M11P/Q	250 VAC	3	40	High CM attenuation	cULus CE 15
 AMI-M12A	250 VAC	3	30	Standard 2-stage	cULus CE Δ
 AMI-M12AI	277 VAC	0.5	6	Lighting equipment	cULus CE
 AMI-M12B	250 VAC	3	20	Highest Performance	cULus CE 15
 AMI-M12J/K/L	250 VAC	3	20	High DM/CM attenuation	cULus CE
 AMI-M12R*	250 VAC	1	20	Filtering 2-Stage	cULus CE
 AMI-M12T/U/V	250 VAC	3	60	High DM attenuation	cULus CE
 AMI-M12W*/M12X/M12Y*	250 VAC	10	20	High DM attenuation	cULus CE
 AMI-M12AA/AB/Z	250 VAC	3	20	High DM/CM attenuation	cULus CE Δ




































































Single-Phase Filters

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Series	Max. Voltage	Rated current [A]			Features	Approvals
		1	10	20		
		Attenuation Performance				
		standard	high	very high		
 AMI-1010	250 VAC	1	60		Entry Level	c  
 AMI-1030	250 VAC	1	30		High CM performance	c  
 AMI-1070	250 VAC	1	36		Motor Applications	c  
 AMI-1090	250 VAC	1	30		High DM/CM performance	c  
 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-3377HV	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 CE
	AMI-2200	1200VDC	25		2500					Renewable Energy	CE



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