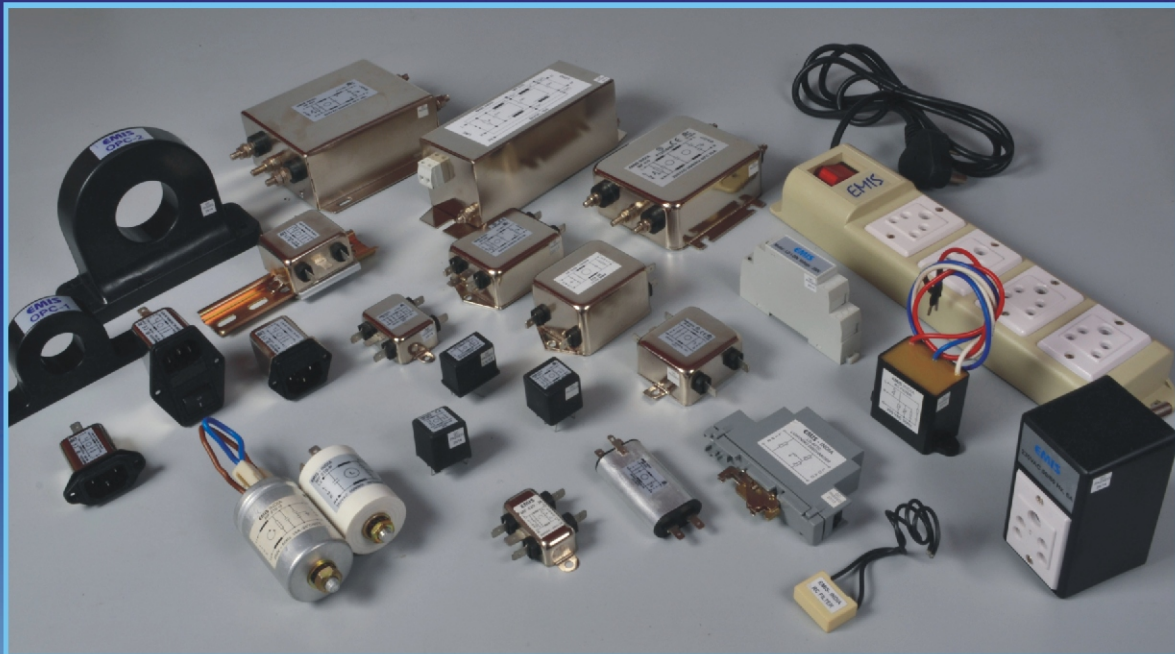


EMI SOLUTIONS PVT. LTD.



Total solution to EMI

**SINGLE PHASE / TWO PHASE
EMI/RFI FILTERS &
POWER SURGE PROTECTION PRODUCTS**



WORLD CLASS PRODUCTS. WORLD WIDE ACCEPTANCE.



EMI SOLUTIONS PVT. LTD.








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**INNOVATIVE DESIGNS.
IMPECCABLE QUALITY.**




Single Phase EMI/RFI Filters




	Type	Voltage AC/DC	Current Range (Amps)	Description	Application	Approvals
	MF 530	250	1-6A	PCB Mountable Miniature in Plastic housing. Available in 4 sizes	SMPS, Monitors, PLCs, Weighing Scales and Electronic Instruments	CSA/C-US/ NEMKO/CE
	MF 210	250	3-16A	Cylindrical Filter in Metal can with stud Mount. Available with Faston Terminals & Flexible Leads	Washing Machines, Refrigerators, Air Conditioners and Home Appliances	CSA/C-US/ NEMKO/CE
	MF 210-P	250	3-16A	Cylindrical Filter in Plastic can with stud Mount. Available with Faston Terminals & Flexible Leads	Washing Machines, Refrigerators, Air Conditioners and Home Appliances	CSA/US
	MF 510	250	1-6A - 10A*	Flat design filter in metal can, clamp mounting	Home, Office and medical equipments	CSA/C-US/ NEMKO/CE *Meets/CSA/C-US/ NEMKO/CE
	MF 300	250	1-15A	Compact Filter with IEC inlet connection screw mount	Electronic test and measuring instruments and Medical Instruments	CSA/C-US/ NEMKO/CE
	MF 310	250	1-6A/10A*	Compact Filter with IEC inlet connector & Fuse (Single/Double)	Electronic test and measuring instruments and Medical Instruments	CSA/C-US/ NEMKO/CE *Meets/CSA/C-US/ NEMKO/CE
	MF 320 & MF 320-2	250	1-10A	Filter with IEC inlet connector, fuse, switch and without switch (Single & Double) (Available in screw / Snap mounting)	Electronic test and measuring instruments and Medical Instruments	CSA/C-US/ NEMKO/CE



Single Phase EMI/RFI Filters

Type	Voltage AC/DC	Current Range (Amps)	Description	Application	Approvals
 MF 410	250	1-50A	High performance double stage filter for high level of Mains borne interference	Power systems, electronic equipments	CSA/C-US/ NEMKO/CE
 MF 420	250	1-50/100A*	General purpose cost effective filters	UPS, Instruments	CSA/C-US/ NEMKO/CE *Meets CSA/ C-US/NEMKO/CE
 MF 430	250	1-50A	Filter with attenuation for both common mode and differential mode noise from lower frequencies	SMPS, Instruments, Power Plants	CSA/C-US/ NEMKO/CE

Two Phase EMI/RFI Filters

 MF 422	440V/500V	6-40A	General Purpose, Phase to phase.	Motors/Welding equipments	
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Power Surge Protection Products



	Type	Voltage (AC)	Current Range (Amps)	Description	Application	Approvals
	SSVCR		250V/440V	Surge suppressor with voltage Protection Relay	Home and Office	Tested for Peak surge current and over voltage at CPRI
	OPC-1/OPC-2		Up to 75A	Output Ferrite Chokes	For Drives, Inverters	Meets CE
	RC Network	250		Relay Contact - Spark Quench	For Automation, Office Equipments	Meets CE
	Single Socket Power Guard	250	1-6A	Surge Protector plugin type available in single socket	Home, Office and Medical Equipments	Meets CE
	Surge Suppressor	250/440		RC Circuit with surge suppressor (Available with Terminal / Flexible wire 1 PH and 3 PH - 3/4 wire)	Surge protection in Relays, Industrial Automation & Drives	Meets CE
	Surge Suppressor in DINRAIL MOUNTING	250/440		RC circuit with surge suppressor in DINRAIL mounting	For surge suppression in Relays, Industrial Automation and Drives (DINRAIL MOUNT with MOV status indication on request)	Meets CE
	LIGHTNING ARRESTOR	250V		Compact, DIN RAIL Mount Surge/Lightning protector	For instrumentation/ Signalling	Meets CE

EMI/EMC TEST FACILITY



Users : Precompliance test by Design Engineers, R&D Engineers, Products applied for safety Certification and International approvals, Quality Assurance Engineers

**NABL ACCREDITED
AS PER ISO/IEC 17025 : 2005**

Facilities offered:

Emission Test

- ▶ Conducted Emission as per CISPR 11, 14, 22 & EN Standards -Single and Three Phase
- ▶ Conducted Emission as per MIL STD 461 C/D/E*
- ▶ Radiated Emission -On site test*

Immunity Test

- ▶ Electro Static Discharge as per IEC 61000-4-2
- ▶ Electrical Fast Transients (Burst) as per IEC 61000-4-4
- ▶ Surge Immunity Test as per IEC 61000-4-5
- ▶ Power Fail (Voltage Dips & Interruptions) as per IEC 61000-4-11

Other Tests

- ▶ Filter Performance Tests as per EN 133200*
- ▶ Dry heat Test up to 180°C as per IEC 60939-2*
- ▶ Cold Test up to - 40°C as per IEC 60939-2*
- ▶ Climatic Test, DAMP Heat Test as per IEC 60939-2*

*Not covered under ISO/IEC 17025:2005

CUSTOM DESIGNED FILTERS



EMIS has facilities to design and manufacture filters as per Customer specification. Offers short delivery of sample and technical assistance.

CONSULTATIONS

EMIS has a team of Engineers who have capability to test and evaluate the systems and provide consultancy to achieve the EMI requirements as per the International specifications. EMIS also provide technical consultancy and guidelines for selecting the appropriate, cost effective filters for various applications



EMI SOLUTIONS PVT. LTD.

Total solutions to EMI



EMI Solutions Pvt. Ltd., is an ISO 9001-2008 certified Company specialized in providing "Total Solutions to EMI". EMIS products are manufactured with International Safety Certifications CSA/C-US & NEMKO and the company is exclusively dedicated to provide "Total Solutions to EMI / RFI" related problems.

EMIS manufactures Single Phase and Three Phase power line filters which are available in the Current Rating starting from 0.5 Amps to 2500 Amps with Voltage Ratings 110/250/440/520 and 690 VAC in different style of packaging. EMIS is also manufacturing and supplying customized filters which are designed to meet Electrical / Mechanical requirements as per customers' specification.

EMIS has now a wide range of high end filters for applications up to 15 GHz frequency range, which are used in Military and Medical MRI applications. These filters are available up to 2500 Amps rated current.

EMIS makes products for Power Surge Protection ranges from the RC suppressor for Relay contact, Surge protectors for Drives / Switching circuits, Lightning protectors, Tempest filters and High Altitude Electromagnetic (HEMP) filters for protection against Atomic and Solar Burst.

EMIS makes Power line filters are used in wide range of applications such as :

- Industrial Automation
- Variable Frequency Drives (VFD)
- UPS and Office Automation
- Home Appliances
- Medical Equipments
- Military Equipments
- Power Electronics
- Solar Applications

EMIS has an NABL accredited (ISO / IEC 17025: 2005) **EMC Test Laboratory** which offers EMC related tests and provide consultancy for EMC problems in Emission and Immunity.

For more details please contact :

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