

CONTINUOUS MAINS PROTECTOR: CMF 2-M

FEATURES

- Industrial grade protection
- Filtration for Radio Frequency Interference (RFI)
- Filtration for Electromagnetic Interference (EMI)
- Filtration for high voltage spikes
- Easy replacement
- Low cost

DESCRIPTION

The new generation CMF 2-M (Module) range of Protection Filter are all extremely efficient and powerful In-Line Electronic Power Protection Filters. They can be used in both single and three phase applications.

Designed to give the highest possible protection for sensitive electronic equipment, the CMF 2-M Filter uses a multiple combination of quality components to ensure the highest possible protection.

The CMF 2-M range not only has the capacity to re-direct or shunt over voltage occurrences to earth but with it's multiple component combination, the CMF2 filters also have a massive capacity to absorb dangerous high voltages 'spikes' up to 28,500 Amps, giving the user unparalleled protection, including earth circuit filtration.

The CMF-2M Filters automatically detect and react against high voltage 'spikes' and electrical interference such as EMI & RFI in both common and differential mode, protecting sensitive electronic equipment and minimising the risk of damage from dangerous occurrences that commonly cause breakdown, data loss / data corruption in computers, and long term damage and destruction of many other forms of sensitive electronic equipment.

SPECIFICATIONS - AC ELECTRICAL

Supply voltage :	220/240V AC - 50HZ
Maximum Continuous Current :	20 Amps
Clamping Voltage :	275V RMS
Reaction Time :	Less Than 25nS
Maximum Joules Absorption :	800 Joules
Maximum Amps Absorption :	28,500 Amps
Filtration - RFI & EMI :	> -40dB at 50K HZ (60 Ohm Impedance)
Terminals Rating :	30 Amps - 500V
Mounting :	DIN Rail - EN 50022-35
Housing :	Self Extinguishing Noryl UL V-0
Temperature :	-20°C - 60°C
Protection :	IP40
Lift up Terminals :	AWG/24-12
	Flex 0,2 - 2,5
	Solid 0,2 - 4



TYPICAL APPLICATIONS

- Dedicated Mains supply
- Telecommunication Equipment
- Complete Home, Office and Factory circuits
- All computer driven Industrial Equipment whether single or 3 - phase
- In Fact, All Forms of Sensitive Electronic Equipment

DIMENSIONS

CMF 2 - M 01-070-025: 71mm W x 90mm H x 58mm D
4 - modules wide
WEIGHT: 220 grm