

Single Phase EMI Filter – MF320-2 IEC Inlet with fuse type

Description

These series range of IEC Inlet type filters with fuse are designed to suppress undesirable electrical disturbances in Power Lines. They limit the amplitude of interfering voltages on AC power lines and prevent them from propagating into or out of the filtered equipment.

Features

- Integral IEC Connector
- Excellent performance/size ratio
- Single/Double Fuse Option
- Rated currents up to 10 A
- Medical versions available
- High conducted attenuation performance



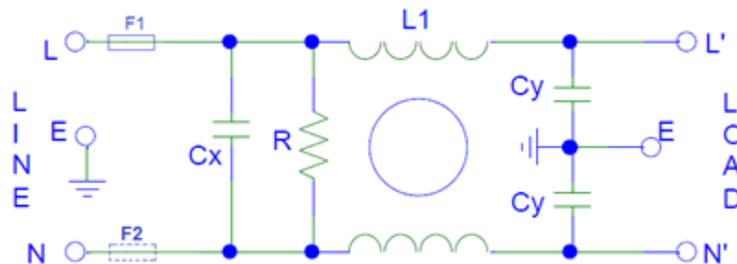
Applications

- Medical Application
- Electrical & Electronic Equipment's
- Testing & Measurement Equipments
- Household equipment
- Rack mounting equipment

Approvals & Compliance



Typical circuit Diagram



Technical Specifications

Maximum Continuous Operating Voltage	: 250VAC
Operating Frequency	: 50/60Hz
Current ratings	: 1A to 10A @40°C
High Potential test voltage	: L to G 2250VDC for 1 Minute L to L 1450VDC for 1 Minute
Overload Capability	: 135% of Rated current for 15 minutes
Design Corresponding to	: UL1283, CSA 22.2 No.8-13 and IEC 60939
Flammability corresponding to	: UL 94 V-0
Temperature range	: -25°C to +85°C
Climatic Category	: 25/85/21
Enclosure Material	: CRCA

Image shown above is just for reference

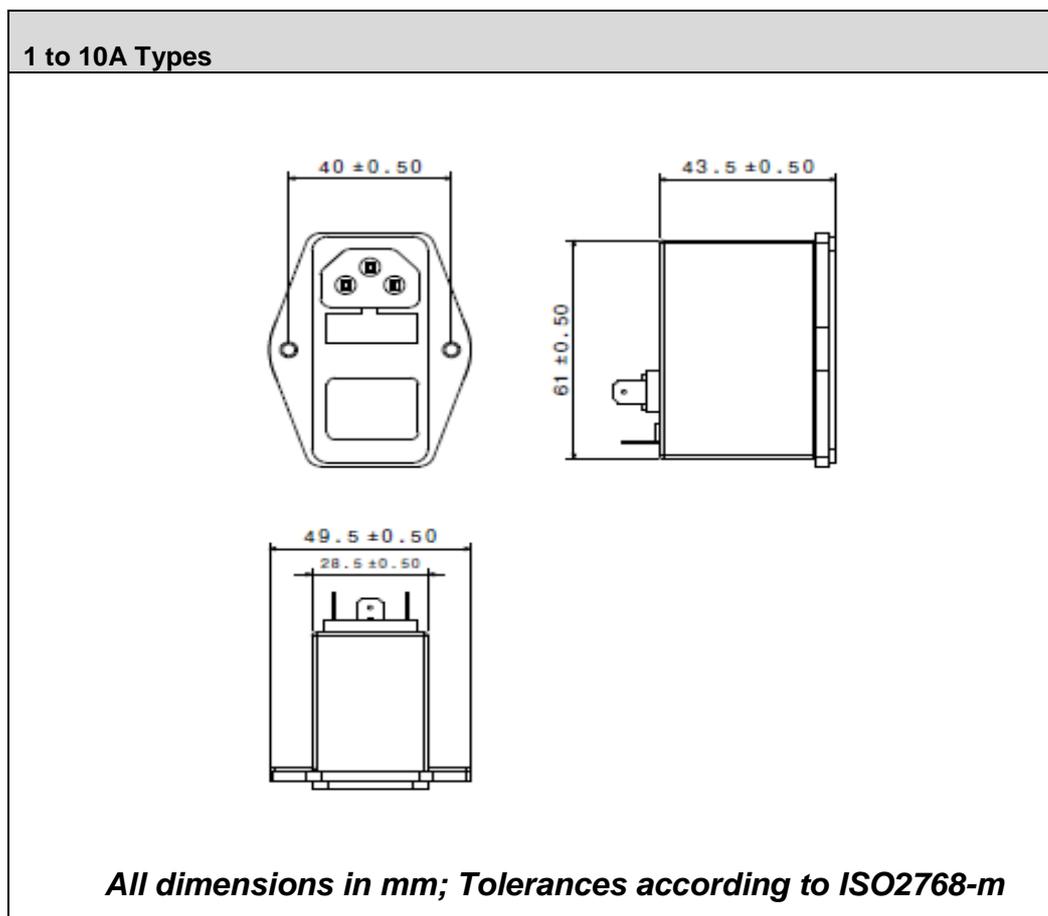
Selection Table

Part Number	Ordering Code	Rated Current @40°C	Leakage Current @250VAC (mA)	Termination	Weight (Kgs)
MF320-2	S320200001D	1A	0.34	Fastons 6.3 X 0.8mm	0.120
MF320-2	S320200003D	3A	0.34	Fastons 6.3 X 0.8mm	0.120
MF320-2	S320203N15D	3.15A*	0.34	Fastons 6.3 X 0.8mm	0.120
MF320-2	S320200006D	6A	0.34	Fastons 6.3 X 0.8mm	0.120
MF320-2	S320200006D	10A	0.34	Fastons 6.3 X 0.8mm	0.120

Note: * Not covered under NEMKO

Customized filters are provided on request.

Mechanical Drawing



Insertion Loss – (Common Mode)

