

Single Phase EMI Filter – MF310S IEC Inlet with Switch



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
- Rated current up to 10A
- Medical versions available
- High conducted attenuation performance



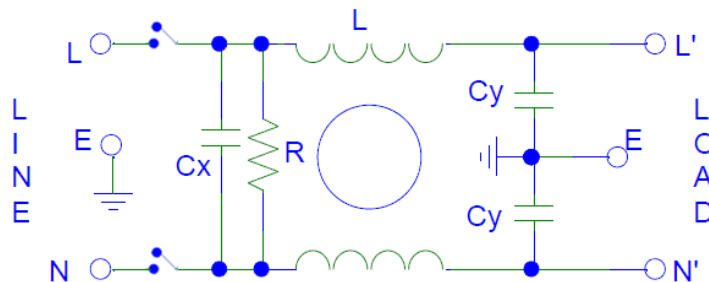
Applications

- Electrical & Electronic Equipment's
- Testing & Measurement Equipments

Safety Approval & Compliance



Typical circuit Diagram



Technical Specifications

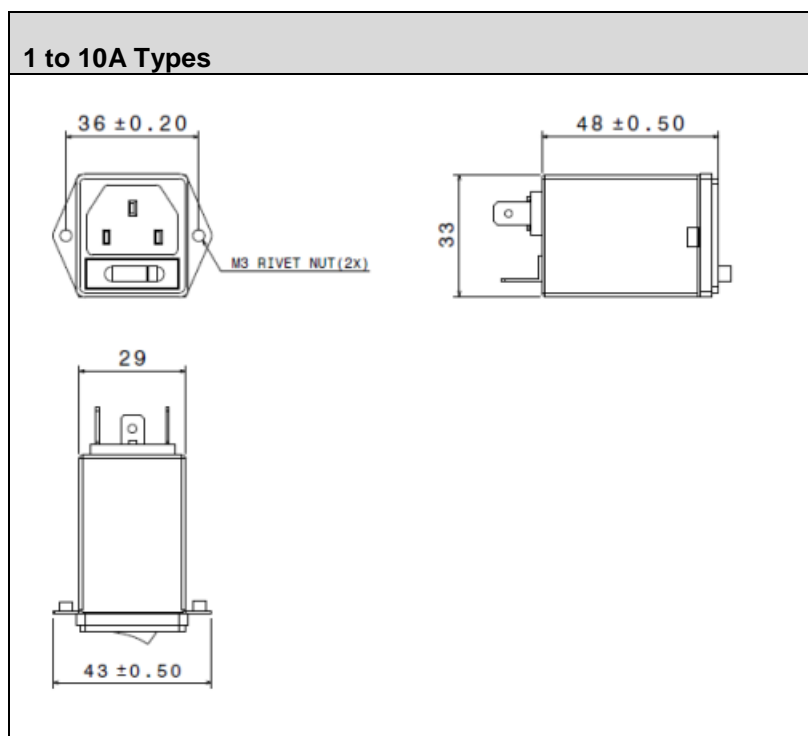
Maximum Continuous Operating Voltage	: 250VAC
Operating Frequency	: 50/60Hz
Current ratings	: 1A to 10A @40°C
High Potential test voltage	: L to G 2250VDC for 1 Minute L to L 1450VDC for 1 Minute
Overload Capability	: 135% of Rated current for 15 minutes
Design Corresponding to	: UL1283, CSA 22.2 No.8-13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

Images shown above are just for reference

Selection Table

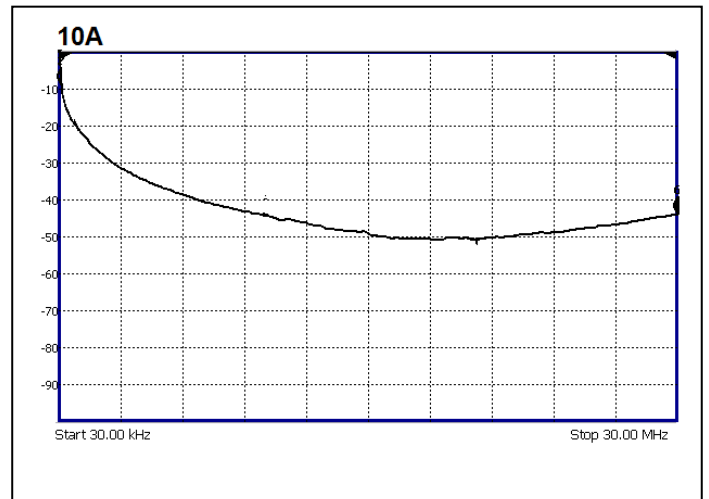
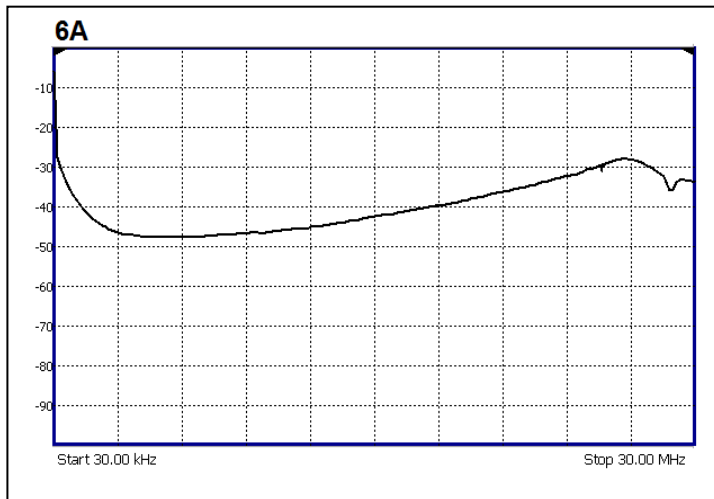
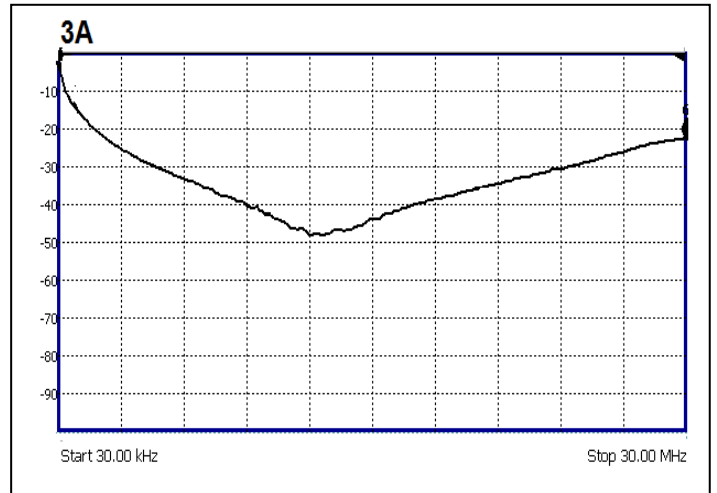
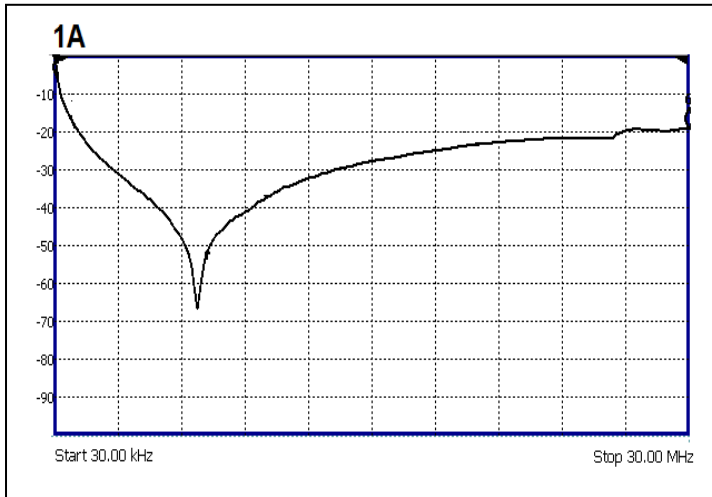
Part Number	Ordering Code	Rated Current @40°C	Leakage Current @250VAC (mA)	Termination	Weight (Grams)
MF310S - 01	S310S00001D	1A	0.34	Fastons 6.3 X 0.8mm	60
MF310S - 03	S310S00003D	3A	0.34	Fastons 6.3 X 0.8mm	60
MF310S - 06	S310S00006D	6A	0.34	Fastons 6.3 X 0.8mm	60
MF310S - 10	S310S00010D	10A	0.34	Fastons 6.3 X 0.8mm	60

Mechanical Drawing



All dimensions in mm; Tolerances according to ISO2768-m

Insertion Loss – (Common Mode)



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