


DATASHEET

MF 420-2CF-M

Description

EMI/RFI shielded filters give superior performance when used in applications with low Impedance loads controlling pulsed, continuous and intermittent interference noise and where high levels of mains borne interference are present.

Technical Specifications

Maximum Continuous Operating Voltage	250 VAC
Operating Frequency	50/60Hz
Current ratings	10A to 30A @40°C
High Potential test voltage	1500VDC L-G and L-L for 1 Minute
Overload Capability	140% of Rated current for 15 minutes
Design Corresponding to	UL 1283, 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
Voltage Drop	Less than 2%
DC Insulation Resistance	As per MIL-STD-202, Method 302
Temperature Rise	As per MIL-PRF-15733
R.F.Radiation	100dB minimum shielding effectiveness
Insertion Loss	100dB from 1MHz to 10GHz

Applications

MRI Screened Facilities

Shielded room and Facilities

Features

Designed specifically for MRI installations

Meets MRI system Manufacturers performance requirements

Long lasting shielding of filter elements inside sealed filter compartment

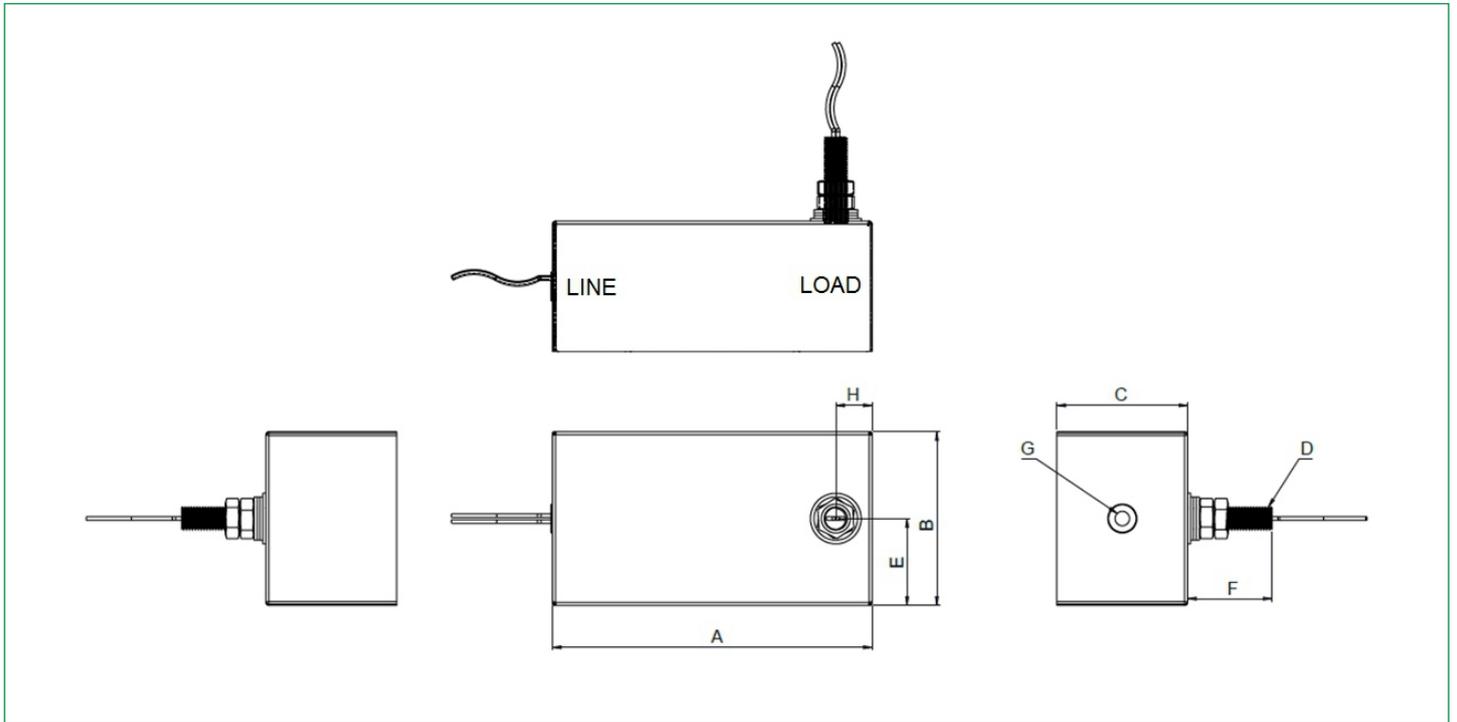
Easy installation with threaded conduit and flexible wire leads

Safer installations; internal discharge bleeder resistor reduces shock hazard

Selection Table

Model Number	Ordering code	Rated Current @40°C	Termination	Weight (kgs)
EMIMRI2010	E104456-1	10A	Wires	3
EMIMRI2016	E104459-1	16A	Wires	3
EMIMRI2025	E104461-1	25A	Wires	3.5
EMIMRI2030	E104462-1	30A	Wires	3.5

Mechanical Drawing



Current Rating	A	B	C	D	E	F	G	H
10A	200	100	80	M14	50	60	16	20
16A	200	100	80	M14	50	60	16	20
25A	220	120	90	M16	60	60	16	20
30A	220	120	90	M16	60	60	16	20