

General Purpose AC EMI Filter

Conformance



*Image shown is for illustrative purpose only

Technical Specifications

Operating voltage	12 VDC
Current rating	3A
Voltage drop	1 Volt max.
High potential test voltage	+,- to E 1500VAC
Insulation resistance	≥ 300 MΩ @ 500VDC (+,- to E)
Operating temperature	40°C / -25°C +85°C

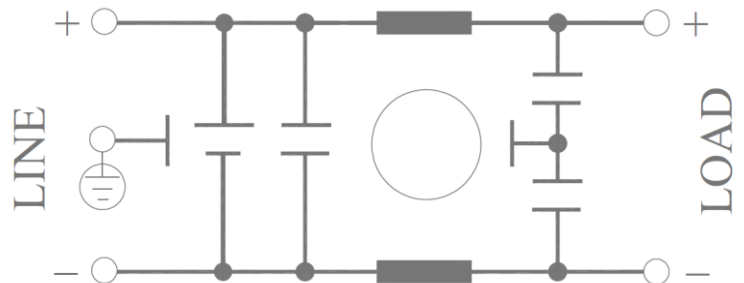
Features and benefits

- | All filters provide high attenuation performance.
- | High reliable
- | All filters compliance to EN60939-3:2015 & EN60939-2:2005 standards
- | Easy and fast chassis mountable filter in deep drawn metal can with compact size.
- | CRCA metal can with nickel plating provides good aesthetic and corrosion protection.
- | Various terminal options are available.

Attenuation type

- Single Stage
- Standard**

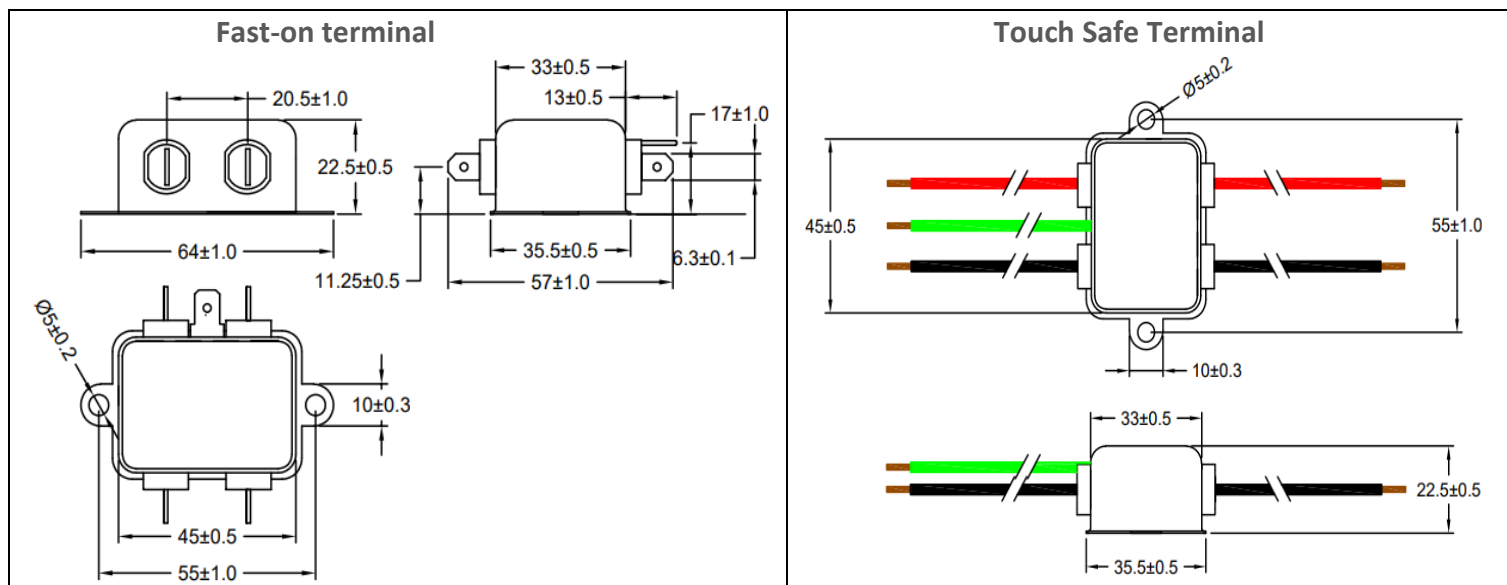
Electrical schematic for filter:



Application



- | Modems
- | Network Routing Equipment
- | Servers
- | Ethernet Hubs
- | Base Stations
- | Power Supplies
- | Photovoltaic Inverters
- | DC Motor Drives
- | DC Chargers
- | Frequency Inverters
- | Energy Systems

Mechanical Details



All dimensions in mm.
General tolerance ±1%

Filter Selection Table

Sr. No.	Elcom part codes (ordering code)	Rated Current rating (A) @40°C	Terminal Fast-on 	Wire 	Approx. weight (gm)	Attenuation
1	EF-4A003X01G-C01	3	B	G	80	Standard

- Customize products provided on request.

Connection Method

Current Rating (A)	Fast -on	Wire	Earthing
3	6.3 X 0.8mm	18AWG	Fast-on terminal/wires

Filter attenuation graph

C = Common mode (asymmetrical) —————

D = Differential mode (symmetrical) - - - - -

