

SOLUTIONS BY



MISSION CRITICAL FACILITIES
DESIGN AND CONSTRUCTION

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• 1 Year Warranty •



Active Tracking Filter Micro Processed Filter Series

Features

- Connecting DIN or flange mounted high-frequency noise filter and surge suppressor.
- Capable to handle critical industrial loads drawing up to 20Amps of continuous current.
- Multi-staged design, combining a unique hybrid clamping network with the active tracking technology & DIN mountable enclosure
- Surge current capacity- 45,000 Amps
- Transient protection in all modes: line to neutral, Line to Ground and Neutral to Ground.
- LED status indication and Form C Contact for remote indication
- ANSI/UL 1449 Third Edition Type 4, 1283, CUL Recognized, CE
- Comes with one year warranty include labour and parts



General Technical Specification

MCOV	
120 Volts	120 Volts
240 Volts	240 Volts
Line Frequency	Line Frequency
Connection	Connection
Mounting Type	Mounting Type
Weight	Weight

Response Time	
Normal Mode	<0.5 ns
Common Mode	< 5 ns
Operating Temperature	-40°C to +40°C
Derate Linearly to	60% at +70°C
Operating Humidity	0% to 95%

Performance Technical Specifications

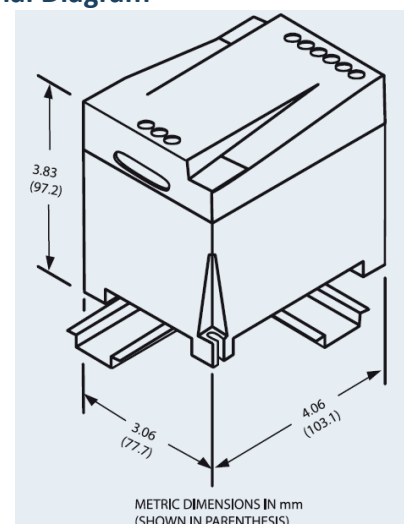
UL 1449 Surge Voltage Rating	
120V Normal Mode	330 Volts
120V Common Mode	400 Volts
240V Normal Mode	600 Volts
240V Common Mode	800 Volts
Peak Surge Current Capability (8 x 20 μS)	
Line to Neutral	15,000 Amps
Line to Ground	15,000 Amps
Neutral to Ground	15,000 Amps
Total	45,000 Amps
Frequency Response (Forward-Reverse)	
Normal Mode	100kHz to 50MHz – 90dB Min
Common Mode	5MHz to 50MHz– 60dB Min
Typical Category A Ring wave (6kV, 200A, 100kHz)	
Normal Mode/ Common Mode	
3 Amp	178 V/300V
5 Amp	162 V/291V
10 Amp	153 V/300V
20 Amp	200 V/300V
Typical Category B Ring wave (6kV, 200A, 100kHz)	
Normal Mode/ Common Mode	
3 Amp	178 V/300V
5 Amp	162 V/291V
10 Amp	153 V/300V
20 Amp	200 V/300V

Voltage*	Continuous Current	Model
120V	3 Amps	103
120V	5 Amps	105
120V	10 Amps	110
120V	20 Amps	120

Voltage*	Current	Model
240V	3 Amps	203
240V	5 Amps	205
240V	10 Amps	210
240V	20 Amps	220

*All Voltage configurations are Single Phase- 2 wire + gnd

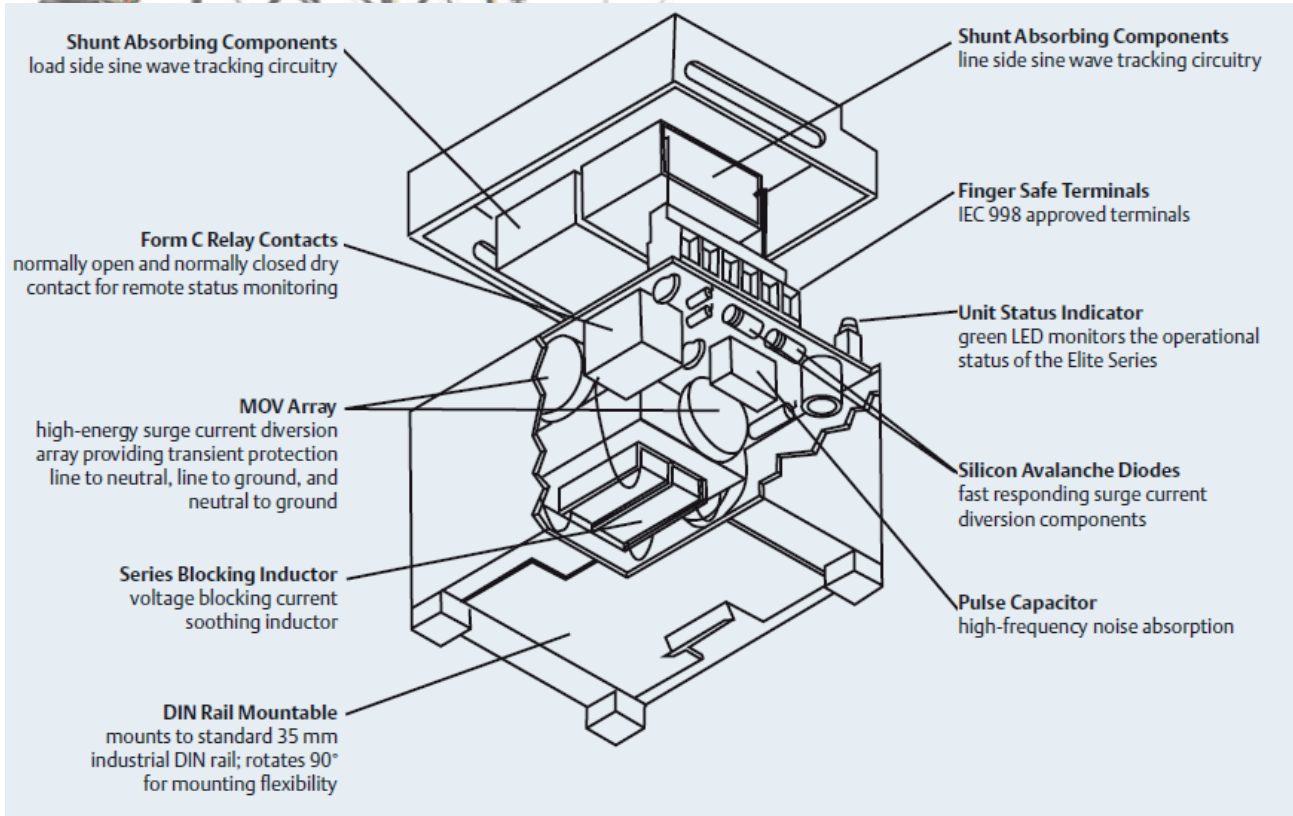
Dimensional Diagram



*Specification subjects to change without prior notice



System Design



Connecting Diagram

