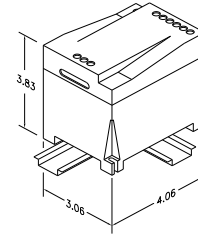
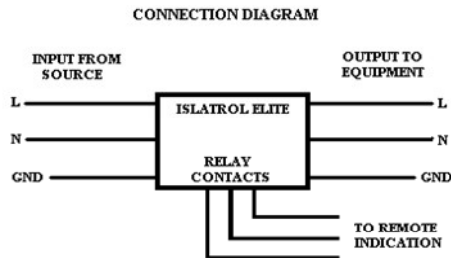


Islatrol**Technical Specification****IE-110**

The Islatrol Elite is a series connected high-frequency noise filter with built in high-energy transient protection. The IE-110 is a hard-wired device used to protect 120 volt critical loads up to 10 amps. Din rail mounting bracket makes the Islatrol Elite ideal for control panel applications.

Nominal Operating Voltage	120 VAC, Single Phase
Operating Voltage Range	120 VAC +/- 25%
Operating Frequency Range	47 - 63 Hz
Rated Output (Amps)	10.0 Amperes
ANSI/IEEE C62.41 Category	Category A & B
Connection/Mounting Type	Series Terminal (finger Safe) / Din or Flange
Phase Configuration	2 Wire + Gnd
Size	4.06 x 3.06 x 3.83 in. Max
Enclosure	High Impact Plastic
Weight	4.50 lbs.
Modes Of Protection	L - N, L - G, N - G
Indication of Suppression Status	Green LED, Form C Contacts
Response Time	< .5 ns Normal mode
Operating Temperature	-40°C TO 45°C
Operating Humidity	0% TO 95% Non-condensing
Certifications	UL 1283, UL 1449-2, CSA, CE
Warranty	10 Year

Maximum Continuous Operating Voltage (MCOV)

Line to Neutral	150 VRMS
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Peak Surge Current Capability (8 x 20µs)

Line to Neutral	15,000 Amps
Line to Ground	15,000 Amps
Neutral to Ground	15,000 Amps
Total	45,000 Amps

Load Surge Current Rating

10 MSEC	5 x Nominal
1 SEC	3 x Nominal
10 SEC	2 x Nominal

ANSI/IEEE C62.41 Cat A Ringwave (6 kV, 200A, 100 kHz)

Normal Mode	0.7 V
Common Mode	300 V

ANSI/IEEE C62.41 Cat B Ringwave (6 kV, 500A, 100 kHz)

Normal Mode	153 V
Common Mode	300 V

Frequency Response

Normal Mode (Forward-Reverse)	100 kHz to 50 MHz – 60 dB Min
Common Mode (Forward-Reverse)	5 MHz to 50 MHz – 60 dB Min