

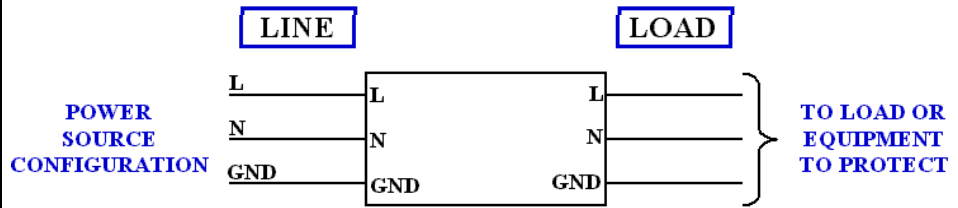
## Technical Specification

**Islatrol**  
IC+ Series

# IC+207



### CONNECTION DIAGRAM



**The Islatrol Plus is a series connected high-frequency noise filter with transient protection. The Islatrol Plus units offer the flexibility of either receptacle/line cord connection or hard-wired connection to critical loads up to 30 Amperes. Applications include industrial or office equipment, computers placed in harsh environments, etc.**

Nominal Operating Voltage	240 VAC, Single Phase
Operating Voltage Range	240 VAC +/- 15%
Operating Frequency Range	47 - 63 Hz
Rated Output (Amps)	7.5 Amperes
ANSI/IEEE C62.41 Category	Category A & B
Connection Type	Series Connected, Terminals #22 – #12
Phase Configuration	2 Wire + Gnd
Size	6.25 x 4.75 x 2.35 (Inches)
Enclosure	High Impact Plastic
Weight	3.3 lbs. (1.5 kgs.)
Modes Of Protection	L - N, L - G, N - G
Indication of Suppression Status	Green LED Power Indication
Response Time	< .5 ns Normal mode
Operating Temperature	-40°C TO 45°C
Operating Humidity	0% TO 95% Non-condensing
Certifications	UL 1283, CUL
Warranty	10 Year

<b>Maximum Continuous Operating Voltage (MCOV)</b>	
Line to Neutral	275 VAC

<b>Peak Surge Current Capability (8 x 20µs)</b>	
Line to Neutral	15,000 Amps
Line to Ground	15,000 Amps
Neutral to Ground	15,000 Amps
Total	45,000 Amps

<b>Load Surge Current Rating</b>	
10 MSEC	5 x Nominal
1 SEC	3 x Nominal
10 SEC	2 x Nominal

<b>ANSI/IEEE C62.41 Cat A Ringwave (6 kV, 200A, 100 kHz)</b>	
Normal Mode	1.5 V
Common Mode	628 V

<b>ANSI/IEEE C62.41 Cat B Ringwave (6 kV, 500A, 100 kHz)</b>	
Normal Mode	378 V
Common Mode	594 V

<b>Frequency Response</b>	
Normal Mode	60 dB minimum, forward/reverse, 100 kHz to 50 MHz
Common Mode	60 dB minimum, forward/reverse, 5 MHz to 50 MHz