

## Technical Specification

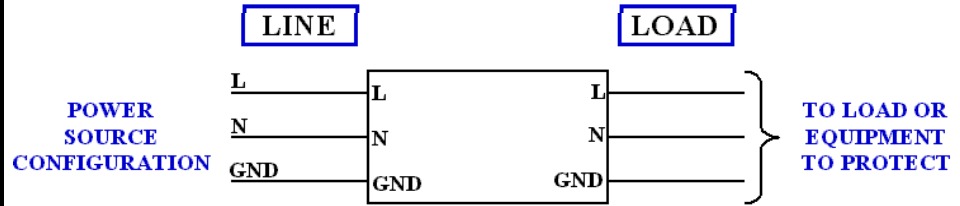
**Islatrol**  
IC+ Series

# IC+230



**Islatrol® Plus**  
ACTIVE TRACKING FILTER

### 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)	30 Amperes
ANSI/IEEE C62.41 Category	Category A & B
Connection Type	Series Connected, Terminals #22 – #12
Phase Configuration	2 Wire + Gnd
Size	7.75 x 4.75 x 2.35 (Inches)
Enclosure	High Impact Plastic
Weight	6.0 lbs. (2.7 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	.6 V
Common Mode	572 V

<b>ANSI/IEEE C62.41 Cat B Ringwave (6 kV, 500A, 100 kHz)</b>	
Normal Mode	272 V
Common Mode	548 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