

## Technical Specification

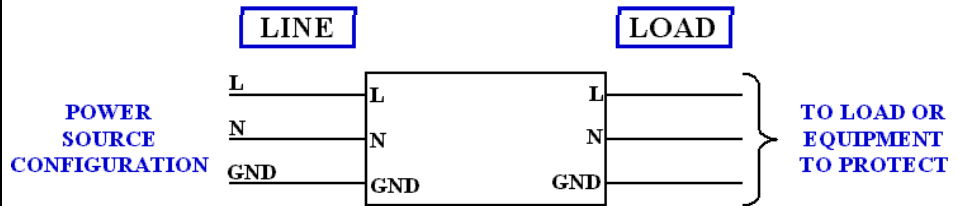
**Islatrol**  
IC+ Series

# IC+115



**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        | 120 VAC, Single Phase                 |
| Operating Voltage Range          | 120 VAC +/- 25%                       |
| Operating Frequency Range        | 47 - 63 Hz                            |
| Rated Output (Amps)              | 15 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                           | 3.5 lbs. (1.6 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                               |

#### Maximum Continuous Operating Voltage (MCOV)

|                 |         |
|-----------------|---------|
| Line to Neutral | 150 VAC |
|-----------------|---------|

#### 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 | .7 V  |
| Common Mode | 304 V |

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

|             |       |
|-------------|-------|
| Normal Mode | 153 V |
| Common Mode | 307 V |

#### Frequency Response

|             |   |
|-------------|---|
| Normal Mode | 60 dB minimum, forward/reverse, 100 kHz to 50 MHz |
| Common Mode | 60 dB minimum, forward/reverse, 5 MHz to 50 MHz   |