



Description

- 3-leaded device that protects all single phase coupling modes (Line-Neutral, Line-Ground & Neutral-Ground) in accordance with IEEE/ANSI C62.41-2002 select guidelines
- Protects against surges and transients per ANSI C62.41-2002 category C low (6KV, 1.2/50µS & 3KA, 8/20µS) standard Combo waves and (6KV, 100KHz) Ring wave
- Protects against surges and transients per new ANSI C82.77-5 2015 category C medium (10KV, 1.2/50µS & 5KA, 8/20µS) standard Combo waves and (6KV, 100KHz) Ring wave
- Basic Protection on Line-Ground (L-G) & Neutral-Ground (N-G) connections of 12,000 Amps (Max)
- Designated UL 1449 Type 5 Recognized Component in the United States and Canada
- Passes UL1449 Nominal Discharge Current rating of 5,000 Amps in all coupling modes
- Maximum surface temperature rated at 90°C
- Operating temperature: -35°C to 85°C (ambient)

These surge protectors are designed for use in conjunction with LED Drivers to provide an additional level of cost-effective protection against powerline disturbances in industrial and commercial applications.

Product Performance

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|---|--------------------|
| Input Voltage Range | 120V-277V; 50/60Hz |
| Continuous Max Voltage Rating AC | 320V |
| Continuous Max Voltage Rating DC | 420V |
| Line-Neutral Max Clamping Voltage 8/20 µS @20kA | 2600V |
| Neutral-Ground Max Clamping Voltage 8/20 µS @12kA | 1800V |

Pulse Rating

| Line-Ground; Neutral-Ground (8x20µSec) | | Line-Neutral (8x20µSec) | |
|--|---------|-------------------------|---------|
| Strikes | Surge | Strikes | Surge |
| 1 | 12,000A | 1 | 20,000A |
| 2 | 8,000A | 2 | 15,000A |
| 100 | 3,000A | 100 | 10,000A |
| 1600 | 750A | 1600 | 3,000A |

Regulatory Qualifications

cULus Recognized

Wiring

