



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

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

