

# Residential/Light Commercial Surge Protective Device

## 400/500 SERIES

The 400/500 Series Meter Based SPD meets the current industry standards and stops surges right at the electric meter before they can enter the house. A field proven design since 1987.

Units are equipped with SUNBRIGHT® diagnostics with 1000 MCD LEDs that are fully visible in the brightest sunlight and have proven reliable in the field for over 20 years.

All units contain short circuit and thermal fusing, a "smart sensing technology" that distinguishes between surges and overcurrent events. The product complies with all current and proposed safety requirements. The 400 and 500 Series are Type 1 Surge Protection Devices (SPD) that are Listed to UL 1449 3rd Edition 2009.

The integration of design, performance and safety features in the METER-TREATER makes it an ideal choice for Utility Power Quality Programs.

The Standard 10 Year Product Warranty is included. Additional warranty terms are available. An optional Consequential Warranty is also available.



Rated for 200 Amp (250 MAX) Continuous Service  
260 Amp (320 MAX) pending

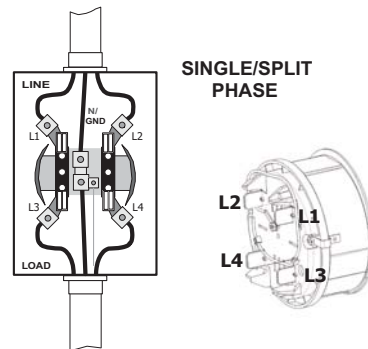
Three Phase Devices also available.

Product Specifications		Notes
Applied Voltage*	120/240 Vac	
Max Surge Current	120kA (60kA per phase)	
MCOV*	180 Volts	
Max Load Current*	200 Amps Continuous (250 MAX)	
Short Circuit Current* <sup>1</sup>	10k/25k RMS Symmetrical Amps	
Housing Rating	3R (UL 414) with UV inhibitors	
Product Weight	2.5 lbs.	
Product Dimensions	4.2" x 6.9" (2.45" installed depth)	
Connection Method	Meter Base 4/5 Jaw Blades	
Fusing	Thermal and Short Circuit Fusing	
Operating Temperature*	-40 to +140 F (-40 to +60 C) ±10%	
Operating Frequency	50/60 Hz	
Operating Altitude	-200 ft. to +15,000 ft.	
Diagnostics	Red Status LED, SUNBRIGHT	
Safety Standards (Type 1 SPD)	UL 1449 3rd Ed. (Sept. 2009)	
VPR (Suppressed Voltage)*	500/600 Volts (8x20µs, 6kV/3kA)	
I <sub>n</sub> *	20 kA (nominal discharge current)	

<sup>1</sup>No external fusing used. Electric meter included.

\*Required by UL 1449 3rd Edition

### Installation



### Dimensions

