

M-Ti 400 Series

Meter Based Surge Protection Device

The **400-1SL-A Meter Based SPD** built above the current industry standards, stops surges right at the electric meter, before they can enter your home or business. Suppressing power surges since 1987.

Units are equipped with **SUNBRIGHT® diagnostics** with 1000 MCD LEDs that are fully visible in the brightest sunlight allowing fast and accurate readings in the field.

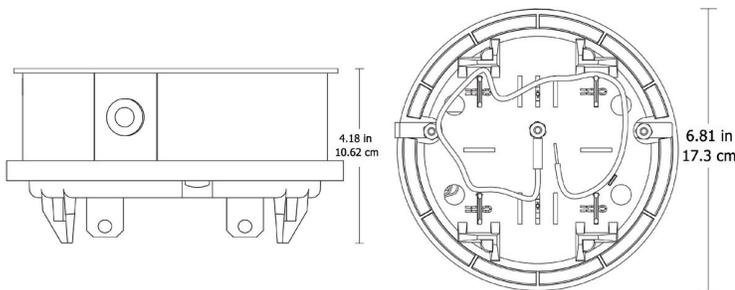
Units contain "**Smart Sensing Technology**" that distinguishes between surges and overcurrent events. The product complies with all current and proposed safety requirements. The 400-1SL is a Type 1 Surge Protection Device (SPD) that is Listed to **ANSI/UL 1449**.

The integration of design, performance and safety features in the **METER TREATER** makes it an ideal choice for Utility Power Quality Programs. A **15 Year Product Warranty** and concurrent Extended Warranty for downstream white appliances are included†.



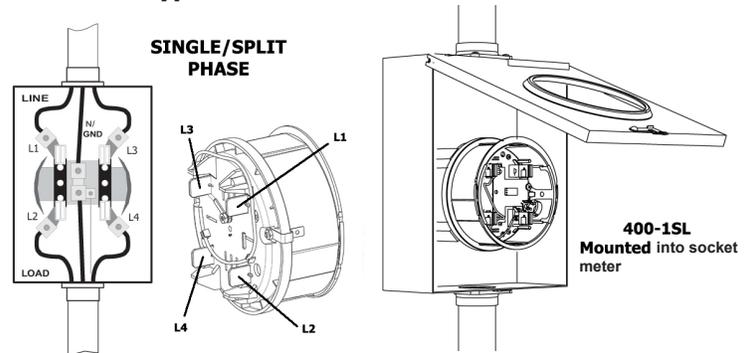
Rated for 260 Amp (320 Max) Continuous Service

Dimensions



(Diagrams not drawn to scale)

Typical Installations



Product Specifications	
Applied Voltage	120/240 Vac
Max Surge Current	120kA (60kA per phase)
Max Load Current	320 Amps (260 Amps Continuous) attained in HQ4DF L&G 250 Amps (200 Amps Continuous) attained in HQ-5B L&G
MCOV	150 Volts
Short Circuit Current	10k RMS Symmetrical Amps
Housing Rating	3R (UL 414) with UV inhibitors
Product Weight	2.5 lbs.
Product Dimensions	4.18" x 6.81" (2.45" installed depth)
Connection Method	Meter Base 4 or 5 Jaw Blades
Surge Technology	MOV Blocks
Operating Temperature	-40 to +140 F (-40 to +60 C) 10%+-
Operating Frequency	50/60 Hz

Product Specifications	
Operating Altitude	-200 ft. to +15,000 ft.
Diagnostics	Red Status LED, SUNBRIGHT
Safety Standards (Type 1 SPD)	UL 1449
VPR (Suppressed Voltage)*	500 Volts (8x20µs, 6kV/3kA)
I _n (nominal discharge current)	20 kA

Available Models/Options	
400-1SL-A	4 Jaws (Standard)
400-1SL5J	5th Jaw Kit

†Concurrent extended warranty is only applicable for customers participating in a utility surge protection program.

Meter Treater Inc.: 1349 South Killian Drive • Lake Park, FL 33403

Sales: 561.845.2007 Toll: Free: 800.638.3788 Fax: 561.848.2372

Email: sales@metertreater.com

Website: www.metertreater.com