



Meter-Treater, Inc.

QUALITY SURGE PROTECTION DEVICES SINCE 1986

400 SERIES

Residential/Light Commercial Surge protection Device

The **400-1SL 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 3rd Edition**.

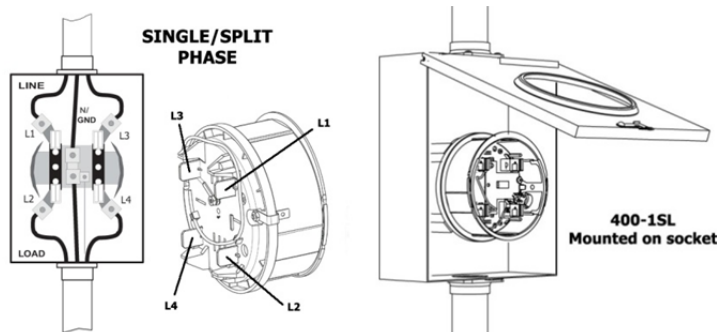
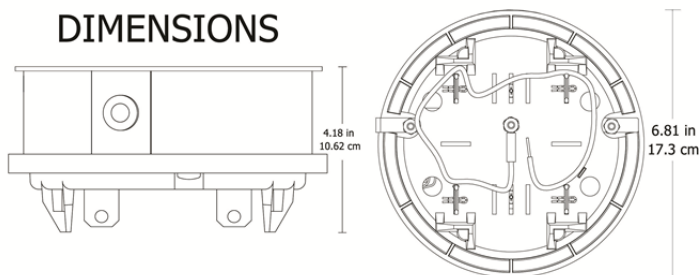
The integration of design, performance and safety features in the METER TREATER makes it an ideal choice for Utility Power Quality Programs. A **15 Year Product Warranty** and concurrent Extended Warranty for downstream white appliances are included[†].



Model Shown: 400-1SL

Rated for 260 Amp (320 MAX) Continuous Service

DIMENSIONS



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 3rd Ed. (Sept. 2009) & UL 414
VPR (Suppressed Voltage)*	500 Volts (8x20μs, 6kV/3kA)
I _n *	20 kA (nominal discharge current)

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

[†]For customers participating in a Utility Surge Protection Program. *No external fusing used.
**Required by ANSI/UL 1449 3rd Edition. Electric meter utilized during testing.

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