

METER-TREATER

(Meter Based Surge Suppressor)

Model: 400 - 1SL

With **SUNBRIGHT®** Diagnostics

The Model 400 Meter Based Surge Suppressor is a derivative of the original 1987 design and, the only device capable of stopping surges right at the electric meter before they can enter the house.

Units equipped with SUNBRIGHT® diagnostics are fitted with 1000 MCD LEDs that are fully visible in the brightest sunlight and have an expected service life in excess of 30 years.

All units contain both short circuit and thermal fusing that is coordinated with the device's suppression performance. The product complies with all current and proposed safety requirements. Models are UL listed as secondary surge arrestors per - OWHX.

The integration of design, performance and safety features in the METER-TREATER model 400 - 1SL, with SUNBRIGHT diagnostics, makes it an ideal choice for Utility Power Quality Programs. An optional BPL Compatibility Upgrade is available with all METER-TREATER Residential Meter Based Surge Suppressors.

Specification Sheet



UL Rated At 200 AMP Continuous Service For Category C Entrance Locations

PRODUCT APPLICATION

- ◆ First stage of “Residential Surge Protection”
- ◆ Meter based category “C” service entrance protector
- ◆ UL Listed for 200 AMP continuous AC service
- ◆ 265 AMP Capacity when tested in class 320 Socket
- ◆ Installs between meter and meter socket in minutes
- ◆ Electric Utility does the installation

PRODUCT FEATURES

- ◆ 3 Point Redundant Grounding with External Auxiliary
- ◆ Fully Fused and Thermally Protected
- ◆ Special Packaged Distribution Grade MOV Technology
- ◆ Twin Red LEDs Monitor Unit Status
- ◆ 1000 MCD LEDs Visible in Bright Sunlight
- ◆ Replaceable Diagnostic Circuitry
- ◆ Multiple Warning Labels
- ◆ Dual Serialization for Easy Tracking
- ◆ Buss Bar Isolation for High Dielectric Withstand
- ◆ 100% Factory Tested
- ◆ 10 Year Standard Warranty
(Optional Consequential Warranty is Available)
- ◆ Patented Designs (One or more U.S. Patents Apply)

PRODUCT SPECIFICATIONS

Electrical:

- ◆ **Applied Voltage:** 120/240 Vac (120/208 for 5J Option)
- ◆ **MCOV:** 150 Volts, phase to ground
- ◆ **Protects:** Each phase to ground/neutral in meter socket
- ◆ **MOV Surge Current Rating:** 57kA per phase
- ◆ **Suppressed Voltage Rating:** 400 volts (UL-1449)
- ◆ **Clamp Voltage:** 240 volts @ 1 ma
- ◆ **Fusing:** Coordinated short circuit and thermal
- ◆ **UL/CUL Listed:** Secondary Surge Arrestor

Mechanical:

- ◆ **Weight:** 2.5 pounds (unpackaged)
- ◆ **Dimensions:** Depth = 4.2”, Diameter = 6.875”
- ◆ **Enclosure:** Two Piece Fiberglass reinforced polycarbonate, UL5VA
- ◆ **Color:** Gray with UV inhibitors
- ◆ **UL Recognized Components:** Container & jaw blades

PRODUCT OPTIONS

- ◆ Fifth Jaw (208 Network) option
- ◆ Remote meter pass through option
- ◆ Optional BPL Compatible Upgrade is available
- ◆ Custom labeling



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