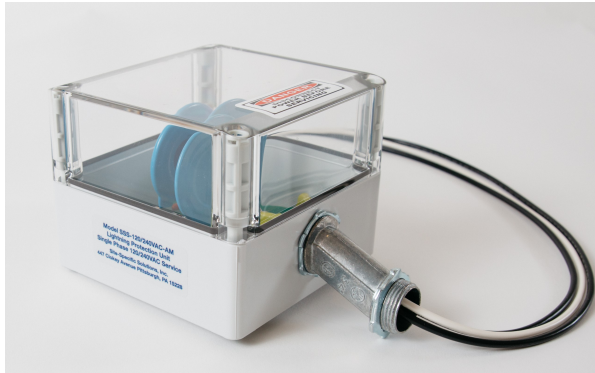


Model SSS-120/240VAC-AM

Primary Single Phase Split 120/240VAC Line Protector

Site-Specific Solutions, Inc.



The Model SSS-120/240VAC-AM was designed specifically as a Primary Stage Protection device for the standard single phase, split 120/240VAC House Power. This device incorporates all-mode (both Line-to-Line and Line-to-Ground protection).

Highlights:

- High-Energy MOV Protection
- Light weight, high-strength Polycarbonate enclosure
- Clear cover for easy inspection
- 100% field repairable
- All components are UL Listed

Features:

- High-Energy MOV Primary Stage Protection for both Line-to-Line and Line-to-Ground
- Access hole for 3/4" Standard Chase or Conduit Nipple for easy mounting to a Service Entrance Panel

Also available in models to protect:

- 120/208 VAC 3-Phase WYE
- Single Phase 120/120VAC isolated Feeders with all-mode protection (Line-to-Line and Line-to-Ground).
- 120VAC Single Phase Floating or one side grounded
- Custom Units

Electrical Specifications:

120 VAC (Line-to-Ground) Protection Levels

- **Maximum No Conduction AC Voltage = 140 Vrms**
- **Minimum 1mA Conduction Voltage = 198 Volts Peak**
- **Maximum single pulse energy = 600 Joules**
- **Maximum single pulse current = 70,000 Amperes**
- **Clamping level = 360 Volt peak @ 500 Amperes**

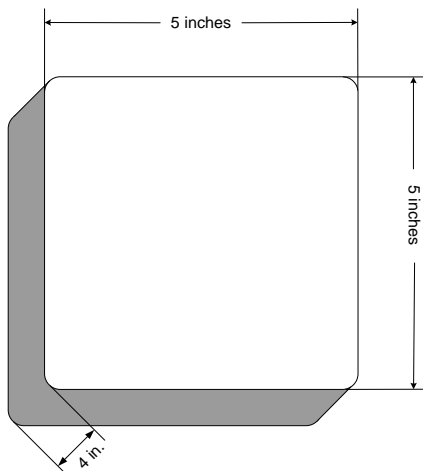
240 VAC (Line-to-Line) Protection Levels

- **Maximum No Conduction AC Voltage = 350 Vrms**
- **Minimum 1mA Conduction Voltage = 387 Volts Peak**
- **Maximum single pulse energy = 990 Joules**
- **Maximum single pulse current = 70,000 Amperes**
- **Clamping level = 710 Volt peak @ 500 Amperes**

Mechanical Specifications:

- **Length = 5 in., Width = 5 in., Depth = 4 in.**
- **Weight = 1 lb.**
- **Access hole for standard 3/4 inch Chase Nipple or Box Coupler is provided for easy installation. The Chase Nipple or Coupler is not included.**
- **Operating Temperature Range = -40 to +70 °C**

Dimensions:



Wiring Diagram:

