

Model SSS-120/120VAC-AM

Primary Single Phase 120VAC Line Protector

Site-Specific Solutions, Inc.



The Model SSS-120/120VAC-AM was designed specifically as a Primary Stage protection device for an isolated/floating (ungrounded) single phase 120VAC feeder where all-mode (both Line-to-Line and Line-to-Ground protection) is desired.

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 Split 120/240VAC Feeders
- 120VAC Single Phase Floating or one side grounded
- Custom Units

Electrical Specifications:

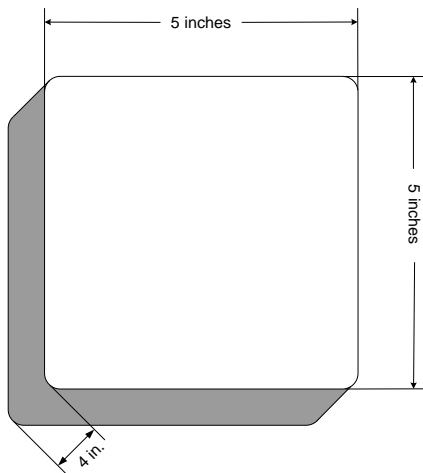
120 VAC (Line-to-Line) or (Line-to-Ground) Protection Levels

- **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**

Mechanical Package 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:

