

120/208VAC Three Phase Line Protector

The Model SSS-120/208VAC-PG was designed specifically as a Primary Stage protection device for a grounded Three Phase WYE 120/208VAC feeder.

Highlights:

- High-Energy MOV Protection
- Light weight, high-strength Polycarbonate enclosure
- Clear cover for easy inspection
- 100% field repairable
- All components are UL Listed
- Operating and storage Temperature -40°C to +70°C

Features:

- High-Energy MOV Primary Stage protection for each Phase-to-Ground of the 120/208VAC feeder.
- All-Mode protection including both Phase-to-Phase and Phase-to-Ground
- Access hole for ¾" Standard Chase or Conduit Nipple for easy mounting to a Service Entrance Panel

Also available in models to protect:

- 120/120VAC Single Phase, Isolated 120VAC with All-Mode Protection
- Single Phase Split 120/240VAC Feeders (Standard House Power)
- Single Phase 120VAC Floating or with One Side Grounded
- Custom Units

Electrical Specifications:

208 VAC (Phase-to-Phase) Protection

- Maximum No Conduction AC Voltage = 280 Vrms
- Minimum 1mA Conduction Voltage = 396 Volts Peak
- Maximum single pulse energy of 1200 Joules
- Maximum single pulse current of 70,000 Amperes
- MOV clamping level of 720 Volts peak at 500 Amperes

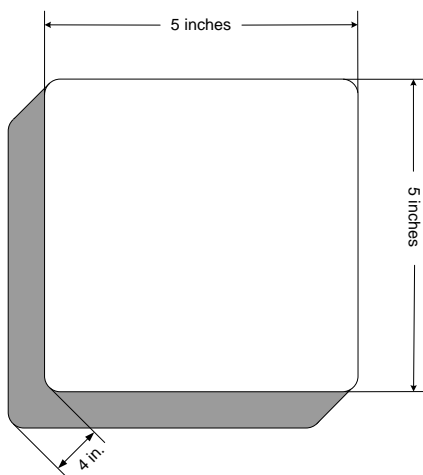
120 VAC (Phase-to-Ground) Protection

- Maximum No Conduction AC Voltage = 140 Vrms
- Minimum 1mA Conduction Voltage = 198 Volts Peak
- Maximum single pulse energy of 600 Joules
- Maximum single pulse current of 70,000 Amperes
- MOV clamping level of 360 Volts 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.
- Temperature Rating = -40 to +70 °C

Dimensions:



Wiring Diagram:

