

Surge Protective Device (SPD)

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Model: G0074090
120/240 VAC Single Split-Phase



Description

Lightning strikes and utility switching can cause voltage transients and power surges in the electrical grid. These surges travel through distribution lines and into homes or businesses, damaging sensitive electronic appliances and shortening their life. Many transients go undetected, but overtime, contribute to sudden and inexplicable failures of electrical equipment. Products that are susceptible to damage include: mobile phones, computers, televisions, appliances, smart home devices, and lighting fixtures.

Generac's whole-house surge protection device (SPD) helps protect against these damaging surges and transients by blocking them from entering homes or businesses. It has thermally protected metal oxide varistors (MOVs) that help reduce risk of thermal damage. Its compact, weather-resistant design offers installation flexibility.

Generac SPDs may be installed:

- Indoors or Outdoors
- Within a Distribution Panel on the Load Side of a 20 amp Breaker

Standard Features

- 50 k Amp Per Phase Surge Current Capacity
- 200 k Amp Short Circuit Current Rating
- Pre-wired with 24 Inches of 12-gauge Wire L1, L2, and N
- 1/2 Inch Nipple Mount
- NEMA 4X Enclosure

120/240 VAC**Surge Protective Device (SPD)****Specifications**

| Description | Rating |
|---|---|
| Surge Current Capacity Per Phase | 50 kA |
| Nominal Discharge Current (In) | 20 kA |
| Short Circuit Current Rating (SCCR) | 200 kA |
| SPD Type | Rated Type 1 or Type 2 |
| System Voltages Available | 120/240 VAC Single Split-phase |
| Protection Modes | L-N, L-L |
| Maximum Continuous Operating Voltage (MCOV) | 150 L-N, 300 L-L |
| Voltage Protection Rating (VPR) | 600V L-N, 1000V L-L |
| Input Power Frequency | 50/60 Hz |
| Enclosure Rating | NEMA 4X |
| Operating Temperature | -4 °F through 122 °F (-20 °C through 50 °C) |
| Operating Humidity | 5% through 95%, non-condensing |
| Operating Altitude | Up to 6,500 ft (2,000 m) |
| Agency Certification and Approvals | UL1449 4th Edition Listed Device |
| Warranty | 2 Years |

Dimensions, Weight, and Wire Range

| | | |
|-------------------------|-----------------------------|--------------|
| Length (in / mm) | L | 4.29 / 109.0 |
| Width (in / mm) | W1 | 4.02 / 102.1 |
| | W2* | 2.68 / 68.0 |
| Depth (in / mm) | D | 2.52 / 64.0 |
| Wire Range | 12 gauge (24 in, pre-wired) | |

* Width without feet

