

## SDSA1175 Type 1 Surge Protective Devices



SDSA1175

SDSA1175 SPDs are designed and listed for indoor or outdoor installation and surge suppression for single-phase three-wire 120/240 Vac or two-wire 120 Vac 60 Hz electrical services. This product is ideal for residential applications for single phase power systems. SDSAs work together with surge protection plug strips to provide surge suppression for sensitive electronics. Two SDSA1175 surge protection devices can be installed to provide suppression for 208Y/120 Vac three-phase four-wire services.

### Features

- High-energy suppression circuitry that can be located at any point in the electrical system. As a Type 1 rated device, they have the flexibility to be used with or without an Overcurrent Protection Device (OCPD).
- Surge suppression for equipment from severe transient activity.
- Each Metal Oxide Varistor (MOV) is individually fused
- NEMA Type 4X rating suitable for installing indoors, outdoors, or in other harsh environments.
- US and Canadian UL Listed as Type 1 SPD to UL 1449 3rd Edition.
- Complies with requirements of CSA 233.1-87, and CSA C22.2 No. 8-M1986 as appropriate.
- LED indicates operational status
- Short circuit current rating: 25 kA
- Convenient back-nipple mounting

### Specifications

SDSA1175 Specifications	
<b>Performance</b>	
Surge Current Rating per Phase	36 kA
Short Circuit Current Rating	25 kA
Modes of Protection	3
Fusing	Individually fused MOVs
Thermal Fusing	Yes
Overcurrent Fusing	Yes
Operating Frequency	50/60 Hz
<b>Mechanical Description</b>	
Enclosure	Non-metallic
NEMA Rating	Type 4X
Connection Method	#14 AWG, Solid
Weight	0.64 lbs (0.29 kg)
Mounting Method	Close-nippled, back-mounted
Operating Altitude	Sea Level to 12,000 ft. (3,658 m)
Storage Temperature	-40°F to +149°F (-40°C to +65°C)
Operating Temperature	-40°F to +149°F (-40°C to +65°C)
<b>Diagnostics</b>	
Green status LED	
<b>Listings and Performance</b>	
• cULus Listed to UL 1449 3rd Edition Type 1 SPD	
• CSA C22.2 No. 8-M1986, C233.1-87	



QOSAMK  
Mounting Bracket

### Accessories

QOSAMK Mounting Bracket