

Type 1 Surge Protective Devices

Eaton's Type 1 Surge Protective Device products are UL1449 3rd Edition listed and provide the highest level of surge protection and safety.

Type 1 surge products are permanently connected devices that are installed before or after a main disconnect. These devices can be used as replacements for what were previously known as secondary surge arrestors or lightning arrestors.

Applications Include:

- Loadcenters/Electrical Panels.
- Residential Service Entrances.
- Sump & Irrigation Pumps.
- Control Cabinets.
- Individual Equipment Disconnects.
- Single & Three Phase Motors.
- Outdoor Lighting.
- Garages.
- Farm / Irrigation Control.
- Other Electrical Assemblies.

Eaton's Type 1 Surge Protective Devices:

- Protect Single Split-Phase and Three-Phase WYE configurations.
- Meet the industry's highest Nominal Discharge Current and Short Circuit Current ratings available.
- Provide superior protection for sensitive electronics with low Voltage Protection Rating values.
- Offer a 2 Year Product Warranty.

Features:

- Commercial grade AC power protection for sensitive electronics.
- Clear, visible LED indication displays protective status of device.
- Can be applied universally to any manufacturer's equipment.
- Optional accessory kit enables wall or din-rail mounting.
- Suitable for indoor/outdoor applications.



Powering Business Worldwide

Catalog Reference Chart

All products below have NEMA 4 enclosures and an input power frequency of 50/60Hz. Ratings include: Operating Temperature 20°C through 50°C (-4°F through 122°F), Operating Humidity 5% through 95% - noncondensing, and an Operating Altitude up to 16,000 ft (500m).

Catalog Number	Voltage	Phase	① MCOV	② VPR	③ I _n	④ SCCR	⑤ Surge Current Capacity, Per Phase Rating
CHSPT1ULTRA	100/200 110/220 120/240	Single Split-Phase	L-L 300, L-N 150	L-L 1000 L-N 600	20kA	200kA	50kA
CHSPT1MAX	100/200 110/220 120/240	Single Split-Phase	L-L 300, L-N 150	L-L 1000 L-N 600	20kA	200kA	45kA
CHSPT1MICRO	100/200 110/220 120/240	Single Split-Phase	L-L 300, L-N 150	L-L 1000 L-N 600	20kA	200kA	36kA
CHSPT1-208Y	100/200 110/220 120/240	Three-Phase WYE	L-L 300, L-N 150	L-L 1000 L-N 600	20kA	200kA	50kA

- ① MCOV: Maximum Continuous Operating Voltage that may be applied to the device per mode.
- ② VPR: Voltage Protection Rating is the measured limiting voltage after a surge event.
- ③ I_n: Nominal Discharge Current is the current that the device can withstand for 15 impulses.
- ④ SCCR: The amount of current the product can withstand under short-circuit conditions.
- ⑤ Surge Current Capacity: The maximum amount of surge current the device can shunt to ground during a surge event on one phase.

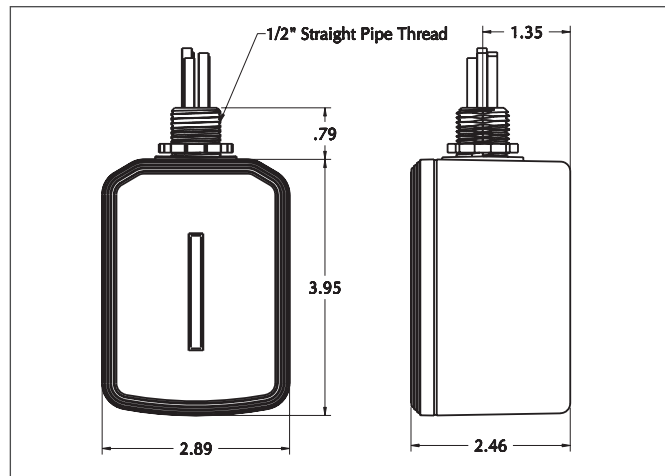
Accessories



SP1DINRAILKIT:

- Mounting kit for wall or din-rail installation.

Product Dimensions



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