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Surge Protection

Surge Protection Devices and Lightning Arresters





Product Selection

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SPD Type 1 CHSP Service Entrance Surge Protection—UL 1449 3rd Edition

Product Features

- Commercial grade AC power protection
- Type 1 surge device for installation before or after the main service disconnect
- Convenient mounting options—universal fit to any manufacturer’s equipment
- Clear, visible LED indication displaying status of the surge protector

Catalog Number	Connection	Enclosure	Voltage	Phase	Frequency (Hz)	MCOV ^①	VPR ^②	I _n ^③	SCCR ^④	Surge Current Capacity, Per Phase Rating ^⑤
 CHSPT1ULTRA	Permanently connected device installed before or after the service disconnect overcurrent device.	NEMA 4	100/200, 110/220, 120/240	Single	50/60	L-L 300, L-N 150	L-L 1000, L-N 600	20 kA	200 kA	50 kA
 CHSPT1MAX	Permanently connected device installed before or after the service disconnect overcurrent device.	NEMA 4	100/200, 110/220, 120/240	Single	50/60	L-L 300, L-N 150	L-L 1000, L-N 600	20 kA	200 kA	45 kA
 CHSPT1MICRO	Permanently connected device installed before or after the service disconnect overcurrent device.	NEMA 4	100/200, 110/220, 120/240	Single	50/60	L-L 300, L-N 150	L-L 1000, L-N 600	20 kA	200 kA	36 kA
 CHSPT1-208Y	Permanently connected device installed before or after the service disconnect overcurrent device.	NEMA 4	120/208	Three-phase wye	50/60	L-L 300, L-N 150	L-L 1000, L-N 600	20 kA	200 kA	50 kA

Accessory for Type 1 CHSP Service Entrance Surge Protection

Catalog Number	Description
 SP1DINRAILKIT	Mounting kit for wall or DIN rail installation.

Notes

- 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 one time surge current rating per phase.

For warranty details, go to www.eaton.com/surgetrap.