

SurgeLogic Type SLACSE

Hybrid Surge Protective Device with Data Circuit Protection

SurgeLogic™ Type SLACSE is a Hybrid Surge Protective Device with Data Circuit Protection (HSPD/DCP) which offers hybrid transient surge protection for AC power and signal line, for loads up to 15 A.

Type SLACSE was specifically designed to protect electronic instruments used by the water/wastewater industries. It combines hybrid AC power protection and signal line protection in a NEMA-4X polycarbonate case.

Applications:

Designed to protect electronic instruments used by the water/wastewater industries

Features:

- Operating Current: (AC) 15 A (DC) 0.15 A
- Service Voltage: 120 VAC
- Operating Voltage: 30 VDC
- Maximum Surge Current: 39kA (AC Power Protection); 10kA (Signal Line Protection)
- Occurrences at 500 A: <0.1 db at 10 MHz
- Connection: (AC) Hardwire/Terminal
- Block, (DC) Hardwire/Terminal Block
- Mounting: Surface Mount
- Surge suppression for AC power and low-voltage signal lines
- Series hybrid AC suppressor/filter
- Plug-in protection module
- 15 Amp replaceable fuse
- Response time < 5 nanoseconds
- UL1449 4th edition Type 2; UL497B Listed – Standard for Protectors for Data Communications and Fire-Alarm Circuits



Benefits:

- Combines hybrid AC power protection and signal line protection in a NEMA-4X polycarbonate enclosure
- Indicator status provides visual indication that power is applied to instruments

Warranty:

Type SLACSE has a limited warranty of 5 years

Installation:



Performance

Continuous Current	15 A
Fusing/Circuit Breaker Size	20 A
Surge Protection for AC Power and Signal Line	Up to 15 A
Occurrences at 500 A	<0.1 db at 10 MHz

Mechanical Description

Suggested Min. Wire Size (AWG)	12-10 AWG
Operating Temperature	-40° F to +185° F (-40° C to +85° C)
Storage Temperature	-40° F to +185° F (-40° C to +85° C)
Mounting	Surface mounted (NEMA 4X enclosure)

Diagnostics

Green status LEDs

Commercial Reference	Service Voltage	Operating Voltage	Continuous Current
SSP030SLACSE39	120 V, 50/60 Hz, 1-phase (2 wire + ground)	30 VDC	15 A

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