

Surgeologic Type SSE

Surge Protective Device for Circuit Protection

Surgeologic™ Type SSE is a Surge Protective Device for Circuit Protection (SPD/CP) which offers signal pair surge suppression for loads up to 0.15 A, implementing multi-stage hybrid technology.

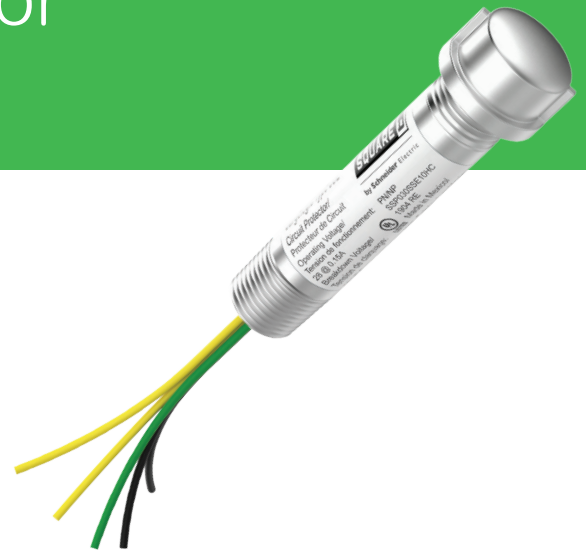
This unit is encapsulated in a stainless steel enclosure, making it suitable for use in severe environments.

Applications:

Designed for the water and wastewater industry

Features:

- Operating Current: 0.15 A
- Operating Voltage: 28 VDC
- Clamping Voltage: 36 VDC
- Maximum Surge Current: 10 kA
- Insertion Loss: <0.1 db at 20 MHz
- Connection: 18AWG Wire Leads
- Mounting: 1/2" Pipe
- Transient protection for low-voltage signal lines
- Differential and common mode protection
- Encapsulated in a stainless steel pipe nipple
- UL497B Listed – Standard for Protectors for Data Communications and Fire-Alarm Circuits



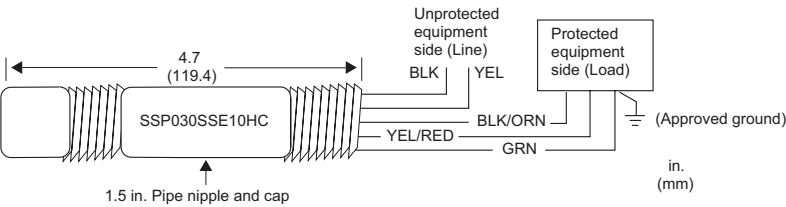
Benefits:

- Multi-stage hybrid suppressors that address overvoltage transients with gas tube and silicon avalanche technology
- The units are encapsulated in stainless steel pipe nipples making them suitable for use in severe environments
- Protect network signal lines entering or leaving control/critical panels

Warranty

Type SSE has a limited warranty of 5 years

Installation:



Performance

Operating Current	0.15 A
Operating Voltage	28 VDC
Clamping Voltage	36 VDC
Maximum Surge Current	10 kA
Insertion Loss	<0.1 db at 20 MHz

Mechanical Description

Mounting	Pipe nipple mounted
Wiring	18 AWG copper wire
Pipe Diameter Size	1/2 in. (12.7 mm)
Operating Temperature	-40° F to +140° F (-40° C to +60° C)
Storage Temperature	-40° F to +140° F (-40° C to +60° C)

Listings and Certification

UL497B

Commercial Reference	Operating Voltage	Clamping Voltage	Operating Current
SSP030SSE10HC	28 VDC	36 VDC	0.15 A

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