

Surgeologic Type POESE

Surge Protective Device for Data Circuit Protection

Surgeologic™ Type POESE is a Surge Protective Device for Data Circuit Protection (SPD/DCP) which offers surge protection on category 6 Power-Over-Ethernet (POE) transmission line applications for loads up to 0.75 A.

This module helps to protect critical video, security and computing equipment from damaging surges, transients and circulating ground currents.

Applications:

Ideal for protecting expensive/critical computer and video equipment from damaging surges and transients

Features:

- Operating Current: 0.75 A
- Operating Voltage: 48 VDC
- Clamping Voltage: 68 VDC
- Maximum Surge Current: 10 kA
- Insertion Loss: <0.1 db
- Input Connection: RJ45 (female)
- Output Connection: RJ45 (female)
- Mounting: Flange
- Exceeds Category 6 transmission values
- Three stage hybrid circuit
- DC over Ethernet all pins
- UL497B Listed – Standard for Protectors for Data Communications and Fire-Alarm Circuits



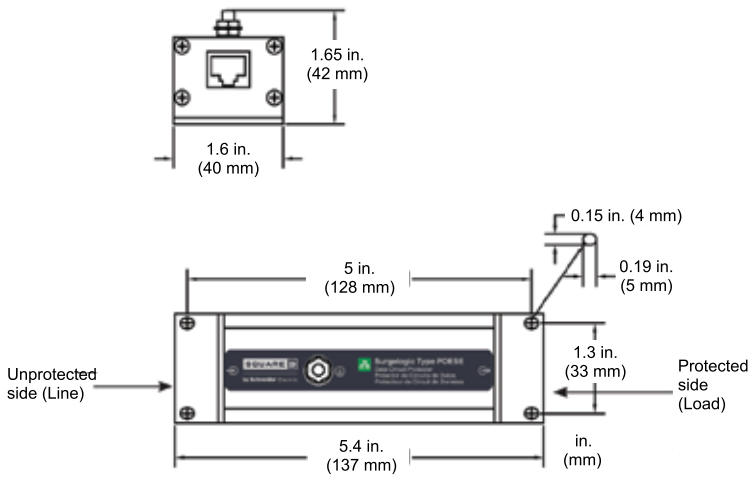
Benefits:

- Category 6 Power-Over-Ethernet (POE) transmission line protection
- Optional isolated ground to be used at the equipment end in order to prevent circulating ground currents
- Protects network signal lines entering or leaving control/critical panels.

Warranty:

Type POESE has a limited warranty of 5 years

Installation:



Performance

Operating Current	0.75 A (per pin)
Operating Voltage	48 VDC
Clamping Voltage	68 VDC
Maximum Surge Current	10 kA (per pair)
Insertion Loss	<0.1 db
Input/Output Connection	RJ-45 Jacks (Shielded) RJ-45 Jacks (Isolated)
Ground Terminal	10-32 Stud 10-32 Stud (Isolated)

Mechanical Description

Mounting	Flange
Wiring	10 AWG copper wire
Terminal Torque	7 lb-in (0.79 N-m)
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	I/O Connection
SSP057POESE10	48 VDC	68 VDC	RJ-45 (Shielded)
SSP057POESE10IG			RJ-45 (Isolated)

Schneider Electric USA, Inc.

800 Federal Street
Andover, MA 01810
888 SQUARED (888-778-2733)
www.schneider-electric.us

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Life Is On

