



ST-POE-1000

Outdoor Cat 5/5e POE

Data Line Surge Protector

The ST-POE-1000 is an outdoor surge protector designed to protect sensitive data equipment connected to a power over ethernet network from transient overvoltages. The surge protector is capable of data transmission speeds up to 1000 Mbp/s and is equipped with shielded RJ45 connectors. The dual surge protection circuit consists of high energy gas tubes and sharp clamping silicon avalanche diodes to guarantee a fast response to incoming transients.

The ST-POE-1000 combination of efficiency, simplicity of installation, and superior surge protection makes it the clear choice when protecting data line networks.

SPECIFICATIONS

Maximum Data Rate		1000 Mbp/s CAT 5e
Connections	-Input / -Output	RJ45 shielded / RJ45 shielded
Pinout		8 wires + shielding
Max Voltage on Pins [1-2] [3-6]	[POE and Data] [4-5] [7-8]	60V
Nominal Discharge Current 8/20us	-Line/Lines -Line/Ground Total	500A 2,000A 16,000A
Enclosure / Dimensions		IP65 Plastic / 5.5 x 3.5 x 2.5 in
Standard Compliance		UL497B, IEEE-802-3t, IEC-61000-4-5

FEATURES:

- 16000 amps surge suppression
- 1000 mbp/s data rate
- Protection on all four pairs. (8 wires)
- UL497B Listed
- Shielded RJ45 Connectors

Extra Large IP65 Case

Fully dust tight and complete protection against solid objects.

Tested to withstand water jets projected by a nozzle (6.3mm) from any angle.

SURGETECH
Surge Suppression

Specifications subject to change without notice.



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