

# Power over Ethernet Surge Protector



Power over Ethernet surge protector is designed for POE power supply equipment, are widely used in the areas of wireless coverage, security monitoring etc. to protect the communication equipment's POE port line from the impact of lightning Electromagnetic pulse, lightning electromagnetic pulse, switching overvoltage.

## Features

- Multi. Protection circuits, Gas-Tube+ TVS technology
- Dual protection in Common module and different module
- TVS array technology, low capacitance
- Multi-Strike Capability

## Application

- Designed for Ethernet device not to be spoiled by lightning over-voltage, induced over-voltage and static discharge.
- Cat6A, CAT6 and CAT5e compatible
- 802.3af
- 10Gigabit Ethernet protection
- LAN, FDDI, CDDI, ATM, WLAN
- PDH, SDH, SPDH
- Industrial control
- Din rail Mounting

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## Technical Specifications

Nominal operating voltage (Un)	: 48V
Max continuous operating voltage Uc	: 57V
Nominal discharge current (8/20μs) In	: 3KA
Max discharge current Imax (8/21μs) Imax	: 5KA
Limiting Voltage Up	
Line-line (@6kV, 10/700 μ s)	: ≤150V
Line-line (@3kA, 8/20 μ s)	: ≤150V
Adapt transmission rate Vs	: 1000Mbps
Insertion loss Ae	: ≤0.5dB
Load current	: 250mA
Response time Ta	: 1ns
Protection line	: 1-8

## Mechanical Specifications

Dimension (LxWxH)	: 76x50x25mm
Weight	: 83g
Temperature	: -40°C to 85°C
Relative Humidity	: ≤95%

## Ordering Information

Product Code	Description
47912	Power Over Ethernet Surge Protector