

# 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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Kindly note that any specifications including design, measurements, size, dimension, weight and material specifications mentioned across any technical or commercial document are change by 3C3 India Pvt. Ltd., without any notice.

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### **Technical Specifications**

Nominal operating voltage (Un) : 48V Max continuous operating : 57V

voltage Uc

Nominal discharge current : 3KA

(8/20µs) In

Max discharge current : 5KA

Imax (8/21µs) Imax Limiting Voltage Up

Line-line (@6kV,  $10/700 \, \mu$  s) : ≤150V Line-line (@3kA,  $8/20 \, \mu$  s) : ≤150V Adapt transmission rate Vs :  $1000 \, \text{Mbps}$ Insertion loss Ae : ≤0.5dB Load current :  $250 \, \text{mA}$ Response time Ta :  $1 \, \text{ns}$ Protection line :  $1 \, \text{-8}$ 

### **Mechanical Specifications**

Dimension (LxWxH) : 76x50x25mm

Weight : 83g

Temperature : -40°C to 85°C

Relative Humidity : ≤95%

#### **Ordering Information**

Product Code Description

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