

Indoor 4-Port 10/100/1000 Base-T Gas Tube CAT6 Lightning and Surge Protector Model: CMSP-CAT6T-4

Applications

- 10/100/1000 Base-T Gigabit Ethernet Equipment
- Wireless Access Points & Bridges
- Wireless Client Adapters
- CCTV IP Cameras with PoE

Features

- CAT5, CAT5e and CAT6 compatibility
- Reliable differential gas tube protection
- PoE compatible
- Protects up to 4 Ethernet lines
- Field replaceable modules



Description

The CMSP-CAT6T-4 lightning and surge protector provides superior lightning and surge protection for up to four lines with improved frequency response for indoor 10/100/1000 Ethernet networks. The unit has low line to line and line to ground capacitance to minimize distortion of high-speed signals. This design provides protection for both common and differential mode surges. The CMSP-CAT6T-4 utilizes gas discharge tubes on each pair for superior power handling capability.



This protector is compatible with 802.3af/at Power-over-Ethernet (PoE) devices. It supports both PoE modes A and B for power.

The CMSP-CAT6T-4 features eight shielded RJ-45 jacks for ease of installation. The rugged aluminum chassis can be wall or shelf mounted. Mounting holes are provided on the unit.

Specifications

Electrical Specifications

Ethernet Connectors	(8) Shielded RJ-45 Jacks
Clamping Voltage	Line – Ground: 90 Volts Line – Line: 90 Volts
Data Line Impedance	100 Ohms Balanced
CAT6 Data Lines	Pair 1: Pins 1 and 2 Pair 2: Pins 3 and 6 Pair 3: Pins 4 and 5 Pair 4: Pins 7 and 8
PoE Mode Support	Mode A and B for power

Mechanical Specifications

Chassis Material	Aluminum
Grounding Lug	10 AWG Max.
Operating Temperature	-40°C to +80°C (-40°F to +176°F)
Weight	2.5 lbs. (1.2 kg)
Dimensions (H x W x D)	3.1 x 7.0 x 1.2 in (79 x 177.8 x 38.1 mm)
RoHS Compliant	Yes

