

19 Inch Rack Mount 12-Port 10/100/1000 Base-T Gas Tube CAT6 Lightning and Surge Protector - Model: RMSP-CAT6T-12



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, protects up to 12 Ethernet lines
- Reliable differential gas tube protection
- PoE compatible
- Field replaceable modules
- 2U rack panel

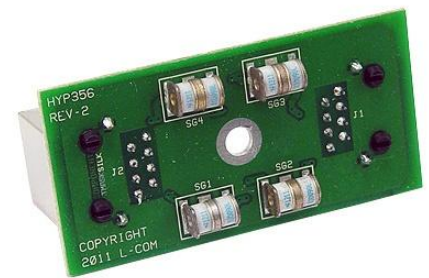


Description

The RMSP-CAT6T-12 lightning and surge protector provides superior lightning and surge protection for up to 12 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 RMSP-CAT6T-12 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 mode A and B for power.

The RMSP-CAT6T-12 features 24 shielded RJ-45 jacks for ease of installation. The 2U rack panel features a clean, system wide mounting of the circuit protectors and may be installed in the rear of the 19 inch rack where they are normally required for line in and out.



Specifications

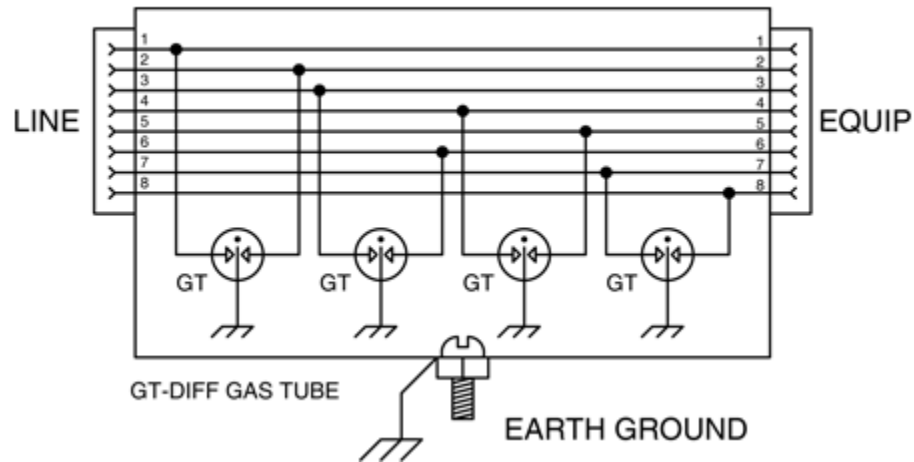
Electrical Specifications

Ethernet Connectors	(24) 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

Rack Plate Color	Black
Grounding Lug	16 AWG Max.
Operating Temperature	-40°C to +80°C (-40°F to +176°F)
Weight	1.6 lbs (.73kg)
Dimensions (H x W x D)	3.5 x 19.0 x 0.8 in. (88 x 483 x 20 mm)
RoHS Compliant	Yes

Circuit Schematic



(Single Channel Shown)