

## 19 Inch Rack Mount 4-Port 10/100/1000 Base-T Gas Tube CAT6 Lightning and Surge Protector - Model: RMSP-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, protects up to 4 Ethernet lines
- Reliable differential gas tube protection
- PoE compatible
- Field replaceable modules
- 1U rack panel



### Description

The RMSP-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 RMSP-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 mode A and B for power.



The RMSP-CAT6T-4 features eight shielded RJ-45 jacks for ease of installation. The compact 1U 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.

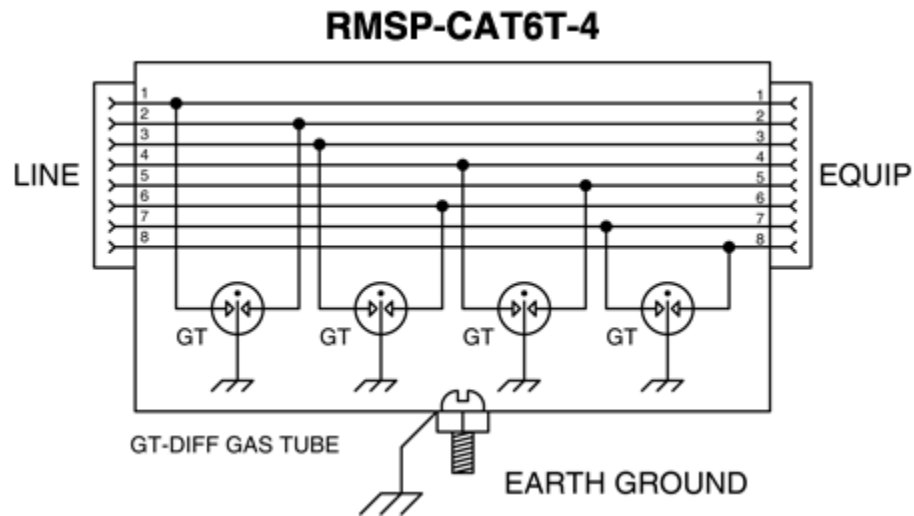
**Specifications**

**Electrical Specifications**

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

**Mechanical Specifications**

<b>Rack Plate Color</b>	Black
<b>Grounding Lug</b>	12 AWG Max.
<b>Operating Temperature</b>	-40°C to +80°C (-40°F to +176°F)
<b>Weight</b>	2.5 lbs. (1.2 kg)
<b>Dimensions (H x W x D)</b>	3.0 x 19.0 x 2.0 in (76.2 x 482.6 x 50.8 mm)
<b>RoHS Compliant</b>	Yes



**(Single Channel Shown)**