

## 19" Rack Mount CAT6 12-Port Surge Protection for 10/100/1000 Base-T Ethernet Model: RMSP-CAT6-12



### Applications

- 10/100/1000 Ethernet Equipment
- Wireless Access Points & Bridges
- IP Cameras
- Upstream PoE Switches

### Features

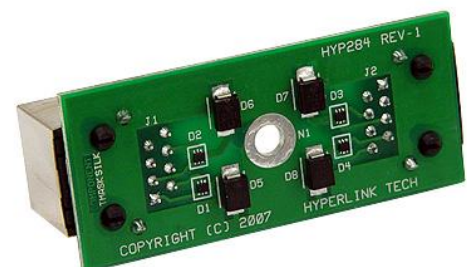
- 12 lines protection from one panel
- CAT5, CAT5e and CAT6 compatibility
- Ultra-low capacitance diodes
- 2U rack panel
- Shielded RJ45 jacks
- 802.3af Power over Ethernet, PoE compliant



### Description

The RMSP-CAT6-12 Surge Protector provides surge protection for up to 12 Ethernet lines using 10/100/1000 data rates. The use of ultra-low capacitance diodes ensures superior high frequency response and improved return loss for the four data pairs on each line under surge protection. The unit is 802.3af Power over Ethernet, Power-over-Ethernet (PoE) compatible for normal or reverse polarity systems.

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**

<b>Ethernet Connectors</b>	12 circuits of (2) RJ45 Jack Pairs
<b>Clamping Voltage Per Jack Pair</b>	Line – Ground: 65 Volts Line – Line: 65 Volts
<b>Data Line Impedance Per Jack Pair</b>	100 Ohms Balanced
<b>CAT6 Data Lines Per Jack Pair</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

**Mechanical Specifications**

<b>Rack Plate Color</b>	Black
<b>Ground Lug</b>	16 AWG Max.
<b>Operating Temperature</b>	-40 C (-40 F) to +80 C (+176 F)
<b>Weight</b>	1.6 lbs (.73kg)
<b>Dimensions (HxWxD)</b>	3.5 x 19.0 x 0.8 in. (88 x 483 x 20 mm)
<b>RoHS Compliant</b>	Yes

**Simplified Circuit Schematic**

