

19" Rack Mount CAT6 Multi Channel Surge Protection for 10/100/1000 Base-T Ethernet Equipment - Model: RMSP-CAT6-4



Applications

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

Features

- 4 Lines Protection from One Panel
- CAT5, CAT5e and CAT6 compatibility
- Ultra-Low Capacitance Diodes
- 1U Rack Panel Mounting Surface
- Shielded RJ45 jacks
- 802.3af Power over Ethernet, PoE compliant



Description

The RMSP-CAT6-4 Surge Protector provides surge protection for up to four 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 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

Ethernet Connectors	4 circuits of (2) RJ45 Jack Pairs
Clamping Voltage Per Jack Pair	Line – Ground: 65 Volts Line – Line: 65 Volts
Data Line Impedance Per Jack Pair	100 Ohms Balanced
CAT6 Data Lines Per Jack Pair	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

Rack Plate Color	Black
Ground Lug	12 AWG Max.
Operating Temperature	-40 C (-40 F) to +80 C (+176 F)
Weight	2.5 lbs (1.2kg)
Dimensions (HxWxD)	3.0 x 19.0 x 2.0 (inches) 76.2 x 482.6 x 50.8 (mm)
RoHS Compliant	Yes

Simplified Circuit Schematic

