

HyperLink Wireless Brand Indoor DIN 3 Rail Mount High Power 10/100/1000 Base-T Shielded CAT6 Lightning Surge Protector - Model: HGLND-CAT6-HP

Applications

- 10/100/1000 Base-T Ethernet equipment
- Intra-building cable runs
- IP, network or web cameras
- VoIP telephone
- Wireless access points, servers and routers

Features

- DIN 3 rail mountable
- CAT5, CAT5e and CAT5 compatibility
- GR-1089 Intra-Building rated
- Three stage protection & failsafe architecture
- Supports PoE mode B for power



Description

The HGLND-CAT6-HP DIN mountable Lightning Protector provides superior lightning and surge protection for indoor 10/100/1000 Base-T Ethernet networks. The unit has low line to line and line to ground capacitance to minimize distortion of high-speed signals. The design provides protection for both common and differential mode surges. The HGLND-CAT6-HP has been designed to meet the GR-1089 Intra-Building surge protection requirements for 10/100/1000 Base-T Ethernet lines. In addition, the unit is compatible with 802.3af Power-over-Ethernet (PoE) devices. This device supports PoE mode A and B for power. The HGLND-CAT6-HP isolates the cable shield from the metal enclosure and the safety ground. This minimizes the chance of a ground loop being introduced.



The HGLND-CAT6-HP features shielded RJ45 jacks with isolation from the metal housing and safety ground. This minimizes the chance for ground loops when using shielded cable. The unit's metal housing helps shield the effects of EMI interference and reduce signal radiation. A ground lug and terminal is provided directly on the lightning protector housing, providing superior grounding. A second ground and terminal is provided for strapping multiple units together. For maximum protection from lightning on long cable runs, two HGLND-CAT6-HP's can be used - one at each end of the cable.



This unit can be mounted to a DIN 3 rail using the DIN mounting clip located on the rear of the unit.

Specifications

Electrical Specifications

Ethernet Connectors	(2) Shielded RJ45 Jacks
Clamping Voltage	Wire – Wire: 15 Volts Wire – Ground: 90 Volts Shield – Ground: 90 Volts
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

Mechanical Specifications

Enclosure Material	Cast Aluminum
Ground Lugs	(2) 12 AWG Max.
DIN Mounting Clip	DIN 3 Rail
Operating Temperature	-40 C (-40 F) to +80 C (+176 F)
Weight	.40 lb. (.18 kg)
Dimensions (WxHxL)	4.5 x 2.5 x 1.5 (inches) 114.3 x 63.5 x 38.1 (mm)
RoHS Compliant	Yes

