

HyperLink Wireless Brand Indoor 24V PoE Compatible 10/100 Base-T Lightning and Surge Protector - Model: HGLN-CAT5J24

Applications

- Wireless Access Points, Servers & Routers
- IP, Network, or Web Camera
- VoIP Telephone
- 10/100 Base-T Networks

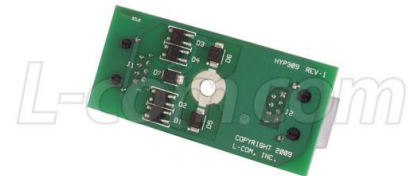
Features

- Industrial grade cast aluminum construction with integral mounting feet
- Compatible with 15V and 24V Power-Over-Ethernet (PoE) devices
- Supports PoE mode A and B for power
- Protects 4 data pairs
- Shielded RJ-45 jacks, support for shielded CAT5 cable



Description

The HGLN-CAT5J24 is a compact indoor lightning surge arrestor which provides protection for CAT5 data applications. The unit is fully compatible with 10/100 Base-T Ethernet networks, providing protection to both Ethernet data pairs as well as the PoE DC power feed. The unit supports both PoE modes A and B for of supplying DC power. Power can be fed up the CAT5 data pairs, 1-2, 3-6 or using the two unused pairs, 4-5, 7-8.



High-speed semiconductors clamp any voltage, positive or negative on the wires. The limits are +/- 36 volts on the four cable pairs. The unit is compatible with both normal and inverted polarity voltage PoE equipment. The design utilizes Thyristor diode technology which has superior power handling capability compared to TVS or Zener diode based designs.

15 Volt and 24 Volt PoE Compatible

Designed to be compatible with 15V and 24V PoE devices, the HGLN-CAT5J24 is ideal for use with select devices from Motorola, Ubiquiti, Engenius and Planet as well as other PoE equipment requiring 15V or 24V. Canopy clusters can also take advantage of the multi-port design.

Note: This protector is not intended for use with standard 48V PoE devices.

The HGLN-CAT5J24 features shielded RJ45 jacks. This along with the HGLN-CAT5J24's metal housing helps reduce the effects of EMI interference. Additional features include a ground lug and terminal is provided directly on the lightning protector housing providing superior grounding. For maximum protection from lightning on long cable runs, two HGLN-CAT5J24's can be used, one at each end of the cable.

This unit supports normal and reverse polarity PoE. The HGLN-CAT5J24 is compatible with Wireless Access Points, Access Servers and Outdoor Routers, with or without Power-over-Ethernet (PoE) functionality.

Specifications

Electrical Specifications

Ethernet Connectors	(2) RJ45 Jacks
PoE Clamping Voltage	+/- 36 Volts

Mechanical Specifications

Enclosure Material	Cast Aluminum
Ground Lug	12 AWG Max.
Operating Temperature	-40 C (-40 F) to +80 C (+176 F)
Weight	.28 lbs. (.13 kg)
Dimensions (WxHxL)	3.6 x 1.4 x 1.2 (inches) 91.4 x 35.5 x 38.1 (mm)
RoHS Compliant	Yes

