EKI-2711HP IEEE 802.3af/at Gigabit 60W PoE+ Injector with Wide Tem

PoE+ Injector with Wide Temperature



Features

- Supports 10/100/1000Base-T (X) for PoE+ OUT and Data IN
- IEEE 802.3af/at compliant
- Power input 48 V_{DC}, Inject power up to 60W
- Provides slim size and DIN-rail/Wall mount with IP31 metal mechanism
- Supports operating temperatures from -40 to 75°C











Introduction

With the technology of PoE (Power over Ethernet), we can transfer both data and electrical power to Ethernet-enabled devices using a standard CAT5 cable. EKI-2711HPI is compliant IEEE 802.3af/at and inject up to 60W for PD device. This product can operate in a wide range of Temp. between -40 to 75°C.

Specifications

Communications

Standard IEEE 802.3, 802.3u, 802.3x, 802.3af/at, 802.3ab

LAN 10/100/1000Base-T(X) • Transmission Distance Ethernet: Up to 100 m Transmission Speed Up to 1000 Mbps

Interface

Connectors PoE OUT: RJ45

DATA IN: RJ45

2-pin removable screw terminal

LED Indicators PWR, PoE Status, Link/Activity

Power

- Power Consumption Max. 63.5 W (Full load PoE+)

 Power Input 48 V_{DC} (Single input)

 Power Output 60W

Mechanism

Dimensions (W x H x D) 36.7 x 108.4 x 103.5 mm (1.44" x 4.27" x 4.07")

Enclosure IP31, Metal shell with solid mounting kits

Mounting DIN-rail, Wall

Protection

 Power Reverse Present Overload current Present

Environment

• Operating Temperature $-40 \sim 75^{\circ}\text{C} \ (-40 \sim 167^{\circ}\text{F})$ **Storage Temperature** $-40 \sim 85^{\circ}\text{C} \ (-40 \sim 185^{\circ}\text{F})$ Operating Humidity 10 ~ 95% (non-condensing) Storage Humidity 0 ~ 95% (non-condensing)

MTBF 730,337 hours

Certification

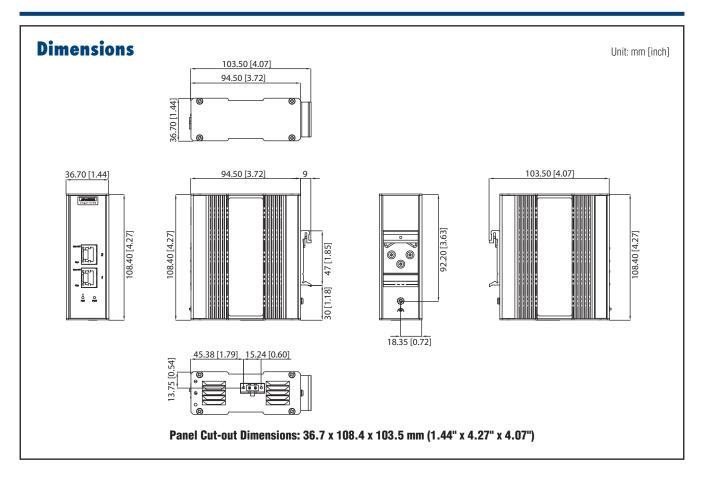
Safety UL/cUL 508 Class I, Division 2, Groups A, B, C and D FCC Part 15 Subpart B Class A, EN 55022 Class A - EMI

- EMS EN 61000-4-2

EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8

IEC 60068-2-27 Shock IEC 60068-2-32 Freefall

Vibration IEC 60068-2-6



Ordering Information

• **EKI-2711HPI** PoE+ Injector, support power up to 60W