EKI-2711HPI

IEEE 802.3af/at Gigabit 60W 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
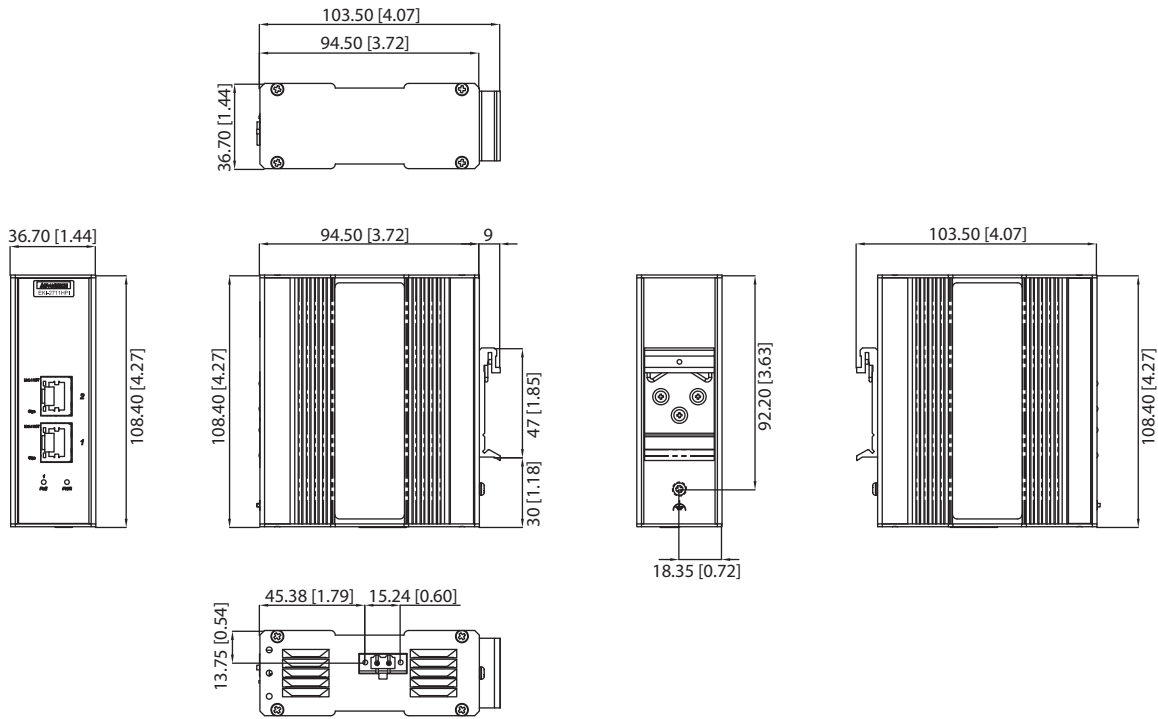
Environment

- **Operating Temperature** -40 ~ 75°C (-40 ~ 167°F)
- **Storage Temperature**   -40 ~ 85°C (-40 ~ 185°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
- **EMI**   FCC Part 15 Subpart B Class A, EN 55022 Class A
- **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
- **Shock**   IEC 60068-2-27
- **Freefall**   IEC 60068-2-32
- **Vibration**   IEC 60068-2-6

Dimensions

Unit: mm [inch]

103.50 [4.07]
94.50 [3.72]
36.70 [1.44]

36.70 [1.44]
108.40 [4.27]

94.50 [3.72]
9
108.40 [4.27]
47 [1.85]
30 [1.18]

92.20 [3.63]
18.35 [0.72]

103.50 [4.07]
108.40 [4.27]

45.38 [1.79]
15.24 [0.60]
13.75 [0.54]

Panel Cut-out Dimensions: 36.7 x 108.4 x 103.5 mm (1.44" x 4.27" x 4.07")

Ordering Information

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