EKI-2701HPI IEEE 802.3af/at Gigabit PoE+ Injector with Wide Temperature

with Wide Temperature



Features

- Supports 10/100/1000Base-T (X) for PoE+ OUT and Data IN
- IEEE 802.3af/at compliant, supports a full 30 watt output
- Power input (24 ~ 48 V_{DC}), inject 30 W for each port
- Provides slim size and DIN-rail/Wall mount with IP30 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-2701HPI is compliant IEEE 802.3at/at and inject 30W for PD device. This product can operate in a wide range of Temp. between -40 to 75°C and support wide power input range between 24 to 48 Vpc.

Specifications

Communications

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

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

 Transmission Speed up to 1000 Mbps

Interface

Connectors PoE OUT: RJ45

DATA IN: RJ45

6-pin removable screw terminal

 LED Indicators PWR1, PWR2, PoE status, Link/Activity

Power

Max. 33.36 W @ 24 VDC (Full load PoE) Power Consumption Power Input $24 \sim 48 \ V_{DC}$, redundant dual power inputs

 Power Output 30 W @ 55 V_{DC}

Mechanism

 Dimensions (W x H x D) 37 x 140 x 95 mm (1.46" x 5.51" x 3.74") Enclosure IP30, Metal shell with solid mounting kits

Mounting DIN-rail, Wall

Protection

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 5 ~ 95% (non-condensing) Storage Humidity 0 ~ 95% (non-condensing) MTBF 1.419.817 hours

Certification

UL508 Safety

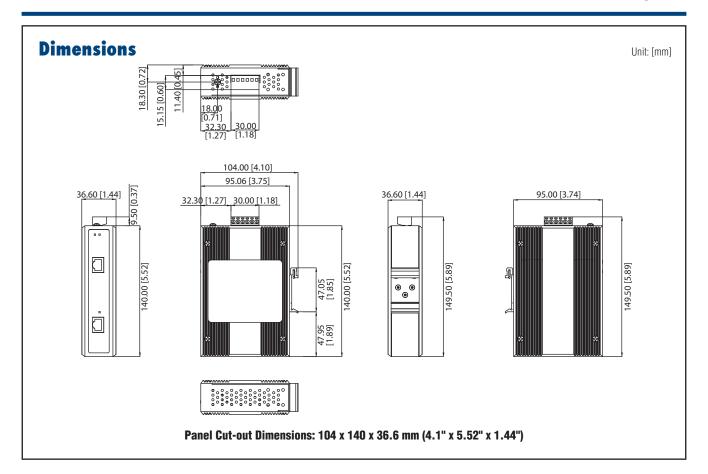
FCC Part 15 Subpart B Class A, EN 55022 Class A EMI

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

Shock IEC 60068-2-27 Freefall IEC 60068-2-32 Vibration IEC 60068-2-6

Patent http://www.advantech.com/legal/patent



Ordering Information

• **EKI-2701HPI** PoE+ Injector, supports a full 30 W output