EKI-2701HPI

IEEE 802.3af/at Gigabit PoE+ Injector 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 802.3af/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 V_{DC}.

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

Power Consumption
Power Input
Max. 33.36 W @ 24 V_{DC} (Full load PoE)
24 ~ 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 PresentOverload Current Present

Environment

Operating Temperature
Storage Temperature
Operating Humidity
Storage Humidity
Storage Humidity
MTBF
Operating Humidity
1.419.817 hours

Certification

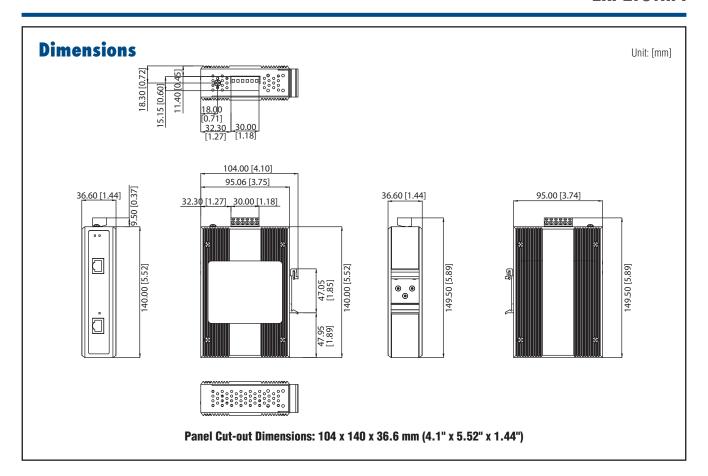
- Safety UL508

• 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



Ordering Information

■ EKI-2701HPI PoE+ Injector, support a full 30 W output