EKI-2726FHPI

4G+2 SFP W/ 4 IEEE 802.3 High Power PoE Industrial Wide Temperature Switch



Features

- All Gigabit Ethernet ports for 4 Copper and 2 SFP
- Back-plane (Switching Fabric): 12Gbps
- Embedded 4 ports PoE inject function
- Provide 30W at 55V power output
- Redundant Power Design
- IP30 Chassis Design
- Supports operating temperatures from -40 ~ 75°C



Introduction

The EKI-2726 FHPI switch has 4 x 10/100/1000BASE-T Ethernet ports with PoE+ function and 2 x SFP sockets, it has been designed to work within a wide operating temperature range. This cost-effective solution, meets the high reliability requirements and demands of industrial applications. The equipment also meets the IEEE 802.3 at standard and can provide 30Watts output per PoE port.

Specifications

Communications

Standard

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

 LAN

 10/100/1000Base-T 1000Base-SX/LX/LHX/XD/ZX/EZX

 Transmission Distance

 Ethernet: Up to 100 m SFP: Up to 100 m SFP: Up to 100 km (depends on SFP)

Transmission Speed
 Copper: 10/100/1000 Mbps, Auto-Negotiation
 Gigabit Fiber: Up to 1000 Mbps

Interface

 Connectors

 10/100/1000T(X): RJ-45 x 4
 SFP: Gigabit Base x 2

 LED Indicators

 System: P1, P2, P-Fail, Per port: Link/Activity, Speed, PoE (1 to 4 ports)

Power

Power Consumption
 Power Input
 Fault Output
 S.5 watts @ 48V_{DC} (Ethernet only)
 48 V_{DC} (44V_{DC} to 57 V_{DC}), redundant dual inputs
 I Relay Output

Mechanism

Dimensions (W x H x D)
 Enclosure
 Mounting
 59.6 x 152 x 105 mm (2.35" x 5.98" x 4.13")
 IP30, Metal shell with solid mounting kits
 DIN-rail, Wall

Protection

Power Reverse PresentOverload Current Present

Environment

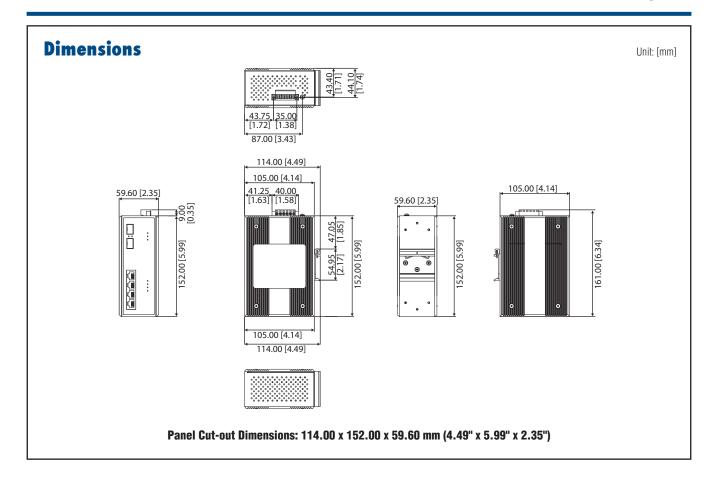
Operating Temperature
 Storage Temperature
 Operating Humidity
 MTBF
 -40 ~ 75°C (-40 ~ 167°F)
 -40 ~ 85°C (-40 ~ 185°F)
 5 ~ 95% (non-condensing)
 339,740 hours

Certification

Safety

Class I, Division 2, Groups A, B, C and D - EMI FCC Part 15 Subpart B Class A, EN 55022 Class A EN 61000-4-2 EMS 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

UL/cUL508



Ordering Information

EKI-2726FHPI

4G+2 SFP Unmanaged Gigabit Switch with 4-port PoE+(IEEE 802.3af/at)