EKI-2726FHPI

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



Features

- All Gigabit Ethernet ports for 4 x copper and 2 x SFP
- Back-plane (switching fabric): 12Gbps
- Embedded 4 ports PoE inject function
- Provides power output of 30 W @ 55 V
- Redundant power design
- IP30-rated chassis design
- Supports operating temperatures of -40 ~ 75°C







Introduction

The EKI-2726 FHPI switch has 4 x 10/100/1000BASE-T Ethernet ports with PoE+ functionality 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 technical specifications for industrial applications. The equipment also meets the IEEE 802.3 at standard and can provide 30 W output per PoE port.

Specifications

Communications

Standard IEEE 802.3, 802.3u, 802.3x, 802.3af/at, 802.3ab, 802.3z 10/100/1000BASE-T LAN 1000BASE-SX/LX/LHX/XD/ZX/EZX

- Transmission Distance Ethernet: Up to 100 m SFP: Up to 110 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 5.5 watts @ 48V_{DC} (Ethernet only) Power Input 48 V_{DC} (44V $_{\text{DC}}$ to 57 V_{DC}), redundant dual inputs Fault Output 1 Relay Output

Mechanism

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

Protection

 Power Reverse Present Overload Current Present

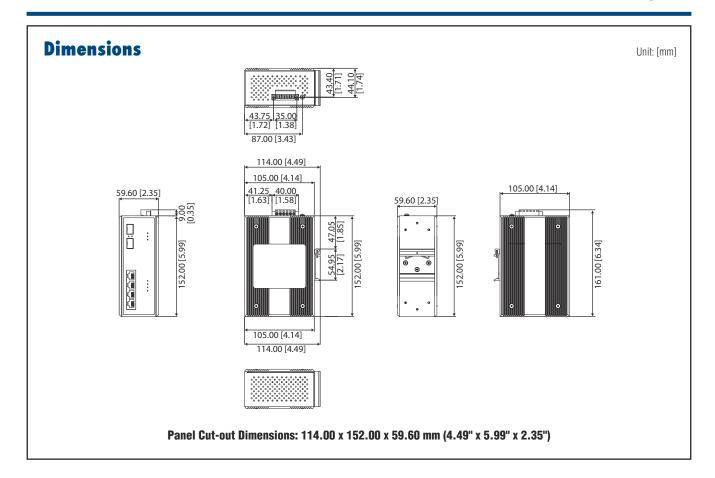
Environment

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

Certification

UL/cUL508 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

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



Ordering Information

• **EKI-2726FHPI** 4G+2 SFP Unmanaged Gigabit Switch with 4-port P0E+(IEEE 802.3af/at)