

EKI-2726FHPI

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

NEW



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
- **LAN** 10/100/1000BASE-T
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_{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")
- **Enclosure** IP30, Metal shell with solid mounting kits
- **Mounting** DIN-rail, Wall

Protection

- **Power Reverse** Present
- **Overload Current** Present

Environment

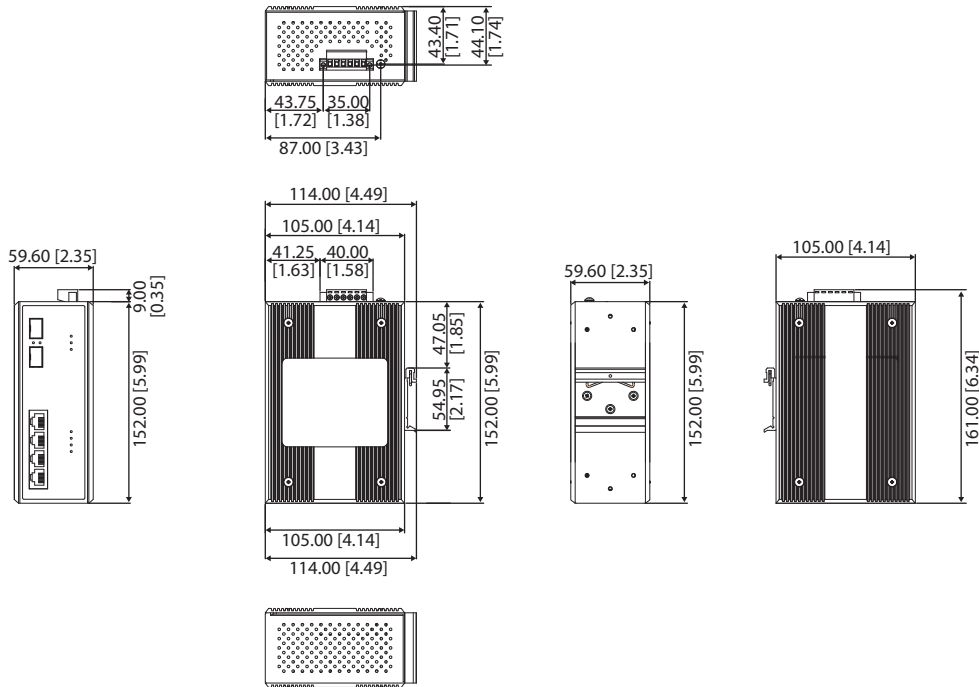
- **Operating Temperature** -40 ~ 75°C (-40 ~ 167°F)
- **Storage Temperature** -40 ~ 85°C (-40 ~ 185°F)
- **Operating Humidity** 5 ~ 95% (non-condensing)
- **MTBF** 339,740 hours

Certification

- **Safety** UL/cUL508
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
- **Patent** <http://www.advantech.com/legal/patent>

Dimensions

Unit: [mm]



Panel Cut-out Dimensions: 114.00 x 152.00 x 59.60 mm (4.49" x 5.99" x 2.35")

Ordering Information

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