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
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

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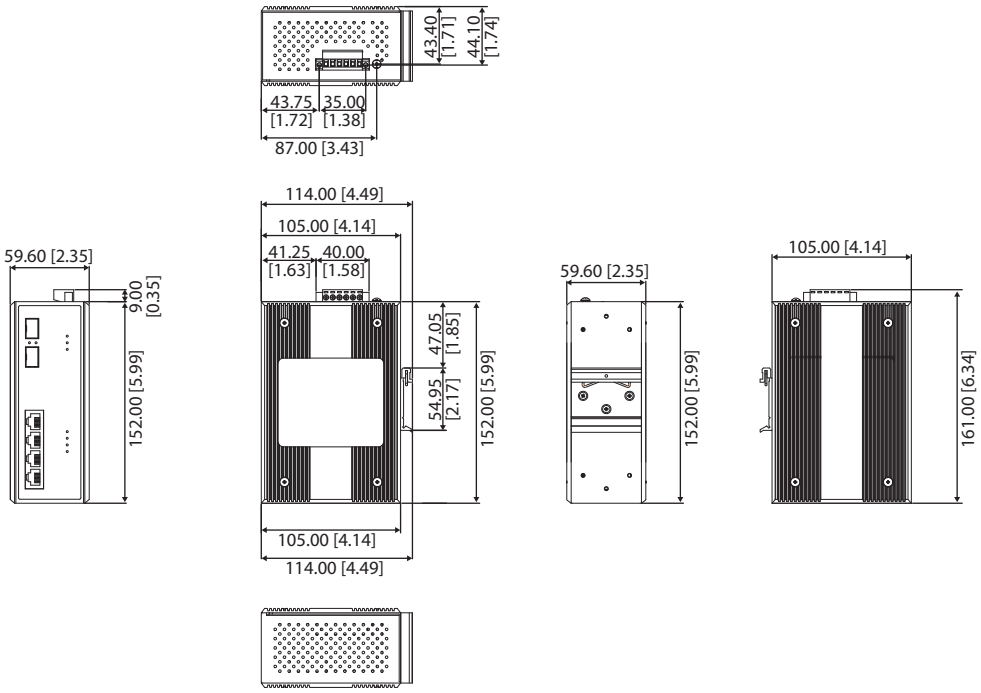
Dimensions

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)