

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 Copper and 2 SFP
- Back-plane (Switching Fabric): 12Gbps
- Embedded 4 ports PoE inject function
- Provide 30W at 55V power output
- Redundant Power Design
- IP-30 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 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 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*4
SFP: Gigabit Base *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

Certifications

- **Safety** UL/cUL508
Class I, Division 2, Groups A, B, C and D (pending)
- **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-2726FHPI** 4G+2 SFP Unmanaged Gigabit Switch with 4-port PoE+(IEEE 802.3af/at)