**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, 802.3at/at, 802.3ab, 802.3z
- **LAN**: 10/100/1000BASE-T, 1000BASE-SX/LX/HX/EX/ZX
- **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 @ 48Vdc (Ethernet only)
- **Power Input**: 48 Vdc (44Vdc to 57 Vdc), 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

All product specifications are subject to change without notice. Last updated: 27-Jun-2018
EKI-2726FHPI

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)