**Introduction**

The EKI-3725P is a new generation product with a green Ethernet design and supports 4 ports IEEE802.3af 15.4W PoE. It features green solutions that automatically adjust power consumption by detecting the link status and cable length. Designed with 1 "VIP" port to get optimal bandwidth for media traffic through VIP ports users can experience better performance multimedia streaming preferred through a prioritized bandwidth setting. The device comes with compact metal housing that is IP40 rated to protect it against dusty industrial environments. The wide power input (21.6 to 52.8 VDC) is designed to operate in areas of unstable power and rugged environments. It also provides an event alarm and in the event of a power failure and connection loop, the integrated LED will activate the alarm to notify administrators.

**Specifications**

### Communications
- **Standard**: IEEE 802.3, 802.3u, 802.3x, 802.1p, 802.3az, 802.3ab, 802.3af
- **LAN**: 10/100/1000Base-T(X)
- **Transmission Distance**: Up to 100 m
- **Transmission Speed**: Up to 1000 Mbps

### Interface
- **Connectors**: 5 x RJ45 with 4 PoE ports, 6-pin removable screw terminal (power & relay)
- **LED Indicators**: P1, P2, P-Fail, Loop detection PoE, 10/100T (X): Link/Activity, Speed

### Switch Properties
- **MAC Table Size**: 2K
- **Packet Buffer Size**: 1M bit
- **Switch Fabric Speed**: 10Gbps
- **Jumbo Frame**: 9,216 byte

### Power
- **Power Consumption**: System: 4.51Watts, PoE budget: 61.6 Watts
- **Power Input**: 24 – 48 Vdc, redundant dual inputs
- **Fault Output**: 1 Relay Output

### Mechanism
- **Dimensions (W x H x D)**: 25.6 x 120 x 83 mm (1.01" x 4.73" x 3.27")
- **Enclosure**: IP40, metal shell with solid mounting kits
- **Mounting**: DIN-rail, Wall

### Protection
- **Reverse Polarity**: Present
- **Overload current**: Present

### Environment
- **Operating Temperature**: -10 – 60°C (14 – 140°F)
- **Storage Temperature**: -40 – 85°C (-40 – 185°F)
- **Operating Humidity**: 5 – 95% (non-condensing)
- **Storage Humidity**: 0 – 95% (non-condensing)
- **MTBF**: 434,533 hours

### Certification
- **Safety**: UL 60950-1, CAN/CSA-C22.2 No.60950
- **EMI**: FCC Part 15 Subpart B Class A, EN 55011/55022 Class A
- **EMS**: EN 61000-4-2 (Level 3), EN 61000-4-3 (Level 3), EN 61000-4-4 (Level 3), EN 61000-4-5 (Level 3), EN 61000-4-6 (Level 3), EN 61000-4-8 (Level 3)
- **Shock**: IEC 60068-2-27
- **Freefall**: IEC 60068-2-32
- **Vibration**: IEC 60068-2-6

### Ordering Information
- **EKI-3725P**: 5-port Gigabit Unmanaged Industrial Ethernet PoE Switch

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**NEW**

**RoHS COMPLIANT**

2002/95/EC

Last updated : 23-Aug-2016

All product specifications are subject to change without notice