

EKI-2525LI

5FE Slim type Unmanaged Industrial Ethernet Switch



Features

- Provides 5 Fast Ethernet ports with Auto MDI/MDI-X
- Supports 10/100 Mbps Auto-Negotiation
- Provides compact size with DIN-rail/Wall mount, and IP40 metal mechanism
- Supports redundant 12 ~ 48 V_{DC} power terminal input plus one DC power jack and P-Fail relay
- Supports wide operating temperatures from -40 to 75 °C

Introduction

The EKI-2525LI is a Fast Ethernet solution. Power is a +12 ~ 48 V_{DC} redundant input design plus one DC power jack, and is secured with Power Polarity Reverse Protection. Each EKI-2525LI port has 2 LED's to show the link status transmission speed. It also provides a relay output for an event alarm. In the event of a power failure, the built-in LED will activate the alarm to notify administrators. Engineers can simply verify the hardware status by checking the LED, which makes troubleshooting quick and easy. EKI-2525LI comes with a compact metal to fulfill narrow environment, and IP40 rated housing to protect against dusty industrial environments.

Specifications

Communications

- ③ **Standard IEEE** 802.3, 802.3u, 802.3x
- **LAN** 10/100Base-T (X)
- **Transmission Distance** Up to 100m
- **Transmission Speed** Up to 100Mbps

Interface

- **Connectors** 5 x RJ45
6-pin removable terminal (power & relay)
1 x DC Power Jack
- **LED Indicators** PWR, PWR1, PWR2, PWR Fail
10/100T (X): Link/Activity, Duplex

Power

- **Power Consumption** TBD
- **Power Input** 12 ~ 48 V_{DC}, redundant dual inputs
- **Fault Output** 1 Relay Output

Mechanism

- ③ **Dimensions (W x H x D)** 25 x 80 x 84 mm (0.984" x 3.150" x 3.307")
- **Enclosure** IP40, Metal shell with solid mounting kits
- **Mounting** DIN-rail, Wall

Protection

- **Reverse Polarity** Present
- **Overload current** Present

Environment

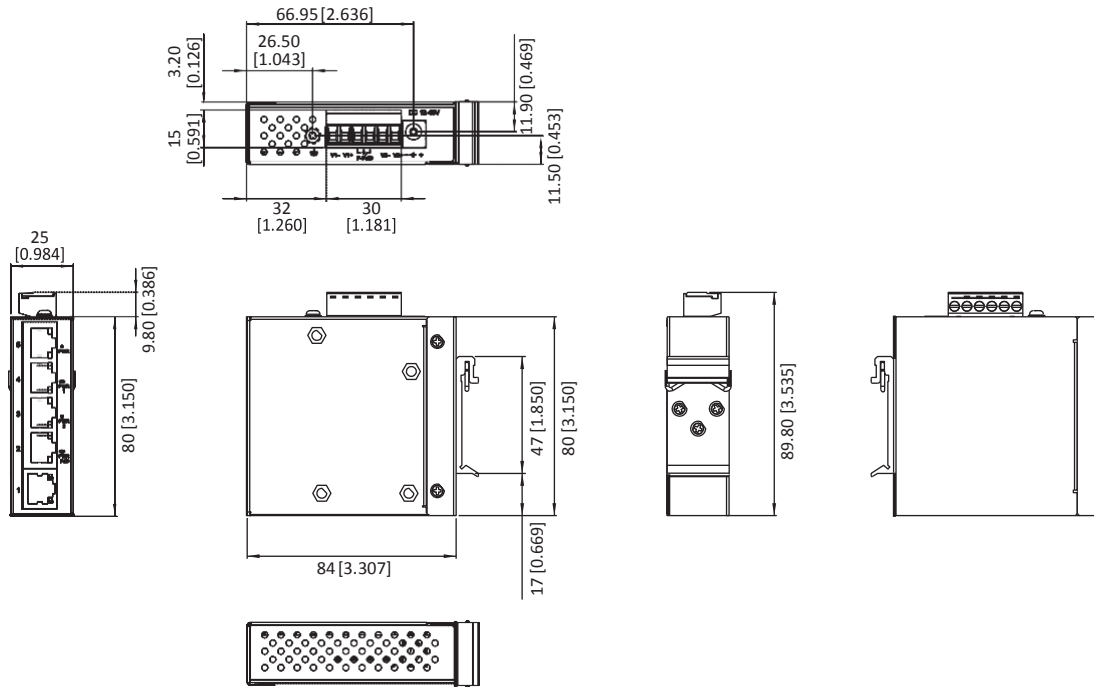
- **Operating Temperature** -40 ~ 75 °C (-40 ~ 167 °F)
- **Storage Temperature** -40 ~ 85 °C (-40 ~ 185 °F)
- **Operating Humidity** 10 ~ 95% (non-condensing)
- **Storage Humidity** 10 ~ 95% (non-condensing)
- **MTBF** TBD

Certification

- **Safety** TBD
- **EMI** CE, FCC Class A
- ③ **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

Dimensions

Unit: mm



Panel Cut-out Dimensions: 25 x 80 x 84 mm (0.984" x 3.150" x 3.307")

Ordering Information

- EKI-2525LI-AE 5FE Slim type Unmanaged Industrial Ethernet Switch