# 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

CE FCC

## 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

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

### 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

- **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
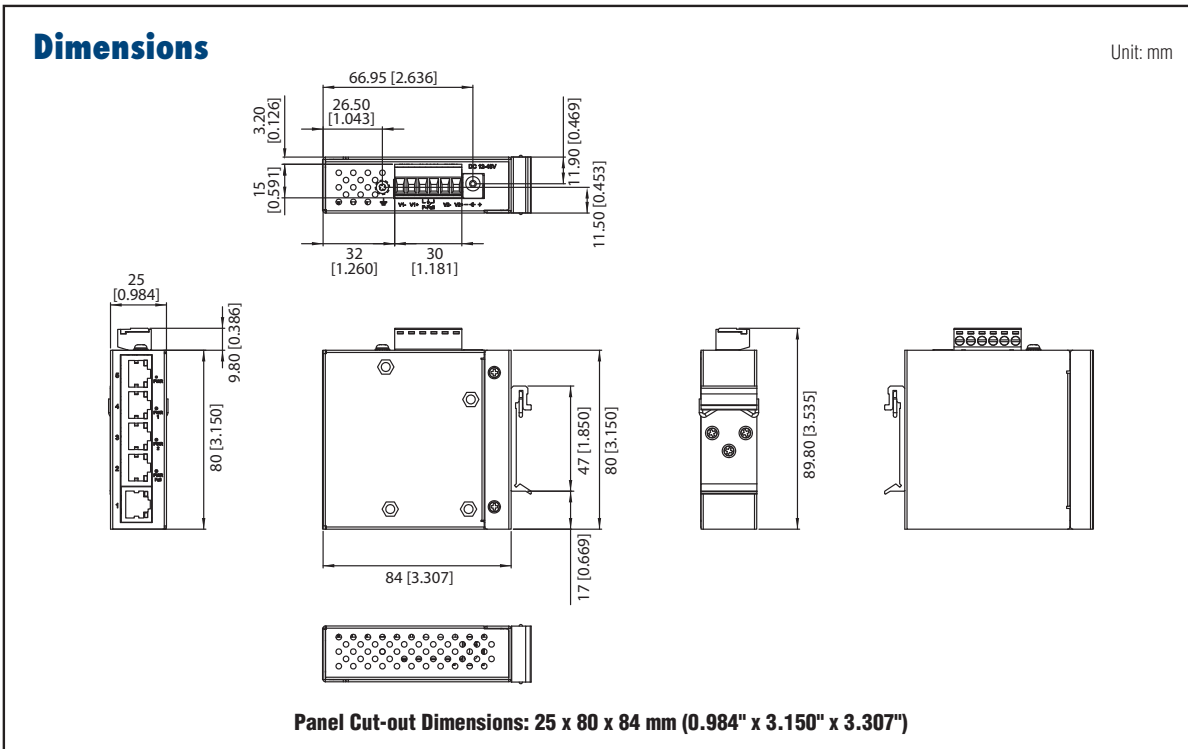
### Environment

- **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
- **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

**EKI-2525LI**

## 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