# EKI-2525LI



## 5FE Slim-Type Unmanaged Industrial Ethernet Switch

#### **Features**

- 5 x fast Ethernet ports with auto MDI/MDI-X
- Supports 10/100 Mbps auto negotiation
- Compact size with DIN rail and wall mount
- IP40-rated metal enclosure
- Redundant 12 ~ 48  $V_{\text{DC}}$  power terminal input plus one DC power jack and P-Fail relay
- Wide operating temperature range of -40 ~ 75°C

## Introduction

The EKI-2525LI is a fast Ethernet solution. Power is delivered via a +12 ~ 48 VDC redundant input design with an additional DC power jack, and the unit is secured with power polarity reverse protection. Each port has 2 LED's to show the link status and transmission speed, and a relay output is included for an alarm events. 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. The EKI-2525LI comes with a compact metal enclosure, making it suitable for installation in narrow areas, and its IP40-rated enclosure ensures protection against dusty industrial environments.

## **Specifications**

#### **Communications**

- Standard IEEE
- LAN
- Transmission Distance Up to 100 m
- Transmission Speed
  Up

#### Interface

Connectors

LED Indicators

#### 5 x RJ45 6-pin removable terminal (power and relay) 1 x DC power jack

PWR, PWR1, PWR2, PWR fail 10/100TX: link/activity, duplex

 $12 \sim 48 V_{\text{DC}}$ , redundant dual inputs

#### Power

- Power Consumption
- Power Input
- Fault Output

#### Mechanism

Dimensions (W x H x D) 25 x 80 x 84 mm (0.984" x 3.150" x 3.307")

1 relay output

3W

- Enclosure
- Mounting
- IP40, metal housing with solid mounting kit DIN rail. wall

- ProtectionReverse Polarity
- Overload Current
  Present

#### Environment

Operating Temperature -40 ~ 75 °C (-40 ~ 167 °F)

Present

- Storage Temperature  $-40 \sim 85 \ ^\circ\text{C} \ (-40 \sim 185 \ ^\circ\text{F})$
- Operating Humidity 10 ~ 95% (non-condensing)
- Storage Humidity 10 ~ 95% (non-condensing)
- **MTBF** 6,873,904 hours

#### Certification

EMIEMS

CE, FCC Class A 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

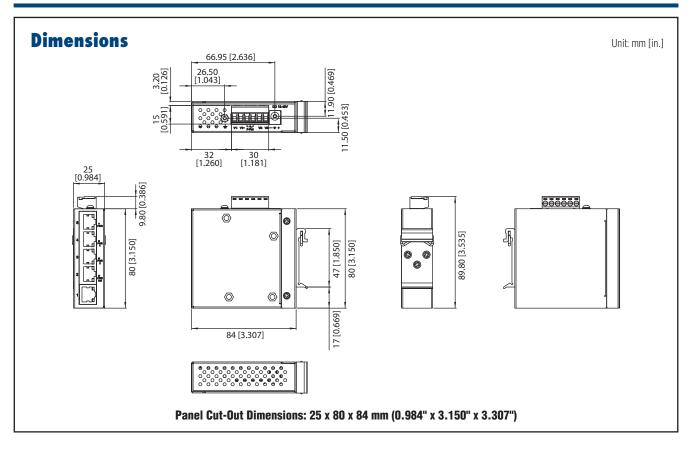
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## Amplicon

### 802.3, 802.3u, 802.3x 10/100BASE-TX Up to 100 m Up to 100 Mbps

## **EKI-2525LI**



## **Ordering Information**

• EKI-2525LI-AE

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