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_{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 802.3, 802.3u, 802.3x
LAN 10/100BASE-TX
Transmission Distance Up to 100 m
Transmission Speed Up to 100 Mbps

Interface

Connectors 5 x RJ45

6-pin removable terminal (power and relay)

1 x DC power jack

■ LED Indicators PWR, PWR1, PWR2, PWR fail

10/100TX: link/activity, duplex

Power

Power Consumption TBI

Power Input $12 \sim 48 \text{ V}_{DC}$, 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 housing with solid mounting kit

• Mounting DIN rail, wall

Protection

Reverse Polarity PresentOverload 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)

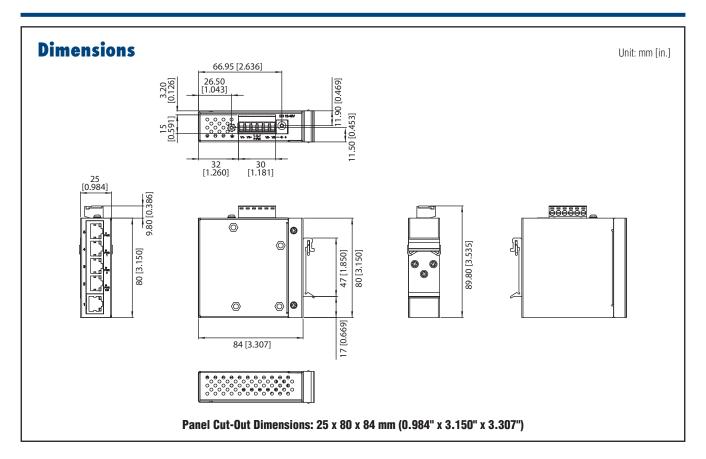
• MTBF TE

Certification

■ Safety TBD

EMI CE, FCC Class A
EMS EN 61000-4-2

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 60068-2-3



Ordering Information

• **EKI-2525LI-AE** 5FE Slim-Type Unmanaged Industrial Ethernet Switch