EKI-2525LI

5FE Slim-Type Unmanaged Industrial Ethernet Switch

5 Warranty Year   CE   FCC

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	2.88W
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 housing with solid mounting kit
Mounting	DIN rail, wall

Protection

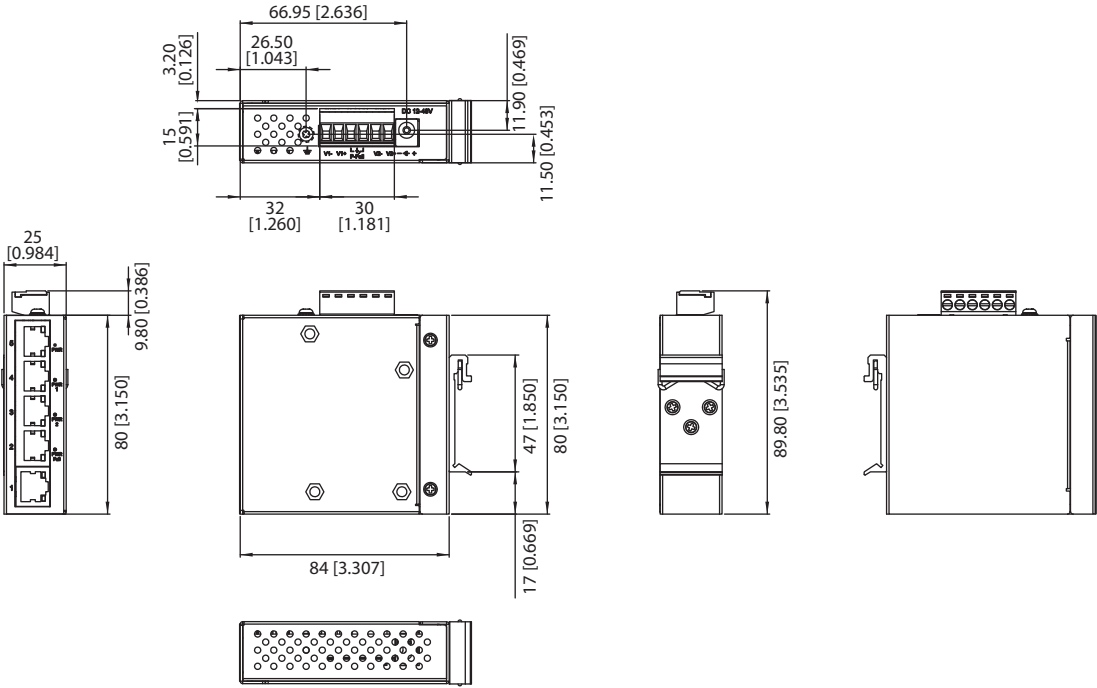|	
Reverse Polarity	Present
Overload Current	Present

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)

Certification

Safety	UL62368
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

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All product specifications are subject to change without notice.   Last updated: 6-Aug-2018

Dimensions

66.95 [2.636]

26.50 [1.043]

3.20 [0.126]

11.90 [0.469]

15 [0.591]

11.50 [0.453]

32 [1.260]

30 [1.181]

25 [0.984]

9.80 [0.386]

80 [3.150]

47 [1.850]

80 [3.150]

84 [3.307]

17 [0.669]

89.80 [3.535]

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