EKI-2525/I EKI-2528/I

5-port Unmanaged Industrial Ethernet Switch

8-port Unmanaged Industrial Ethernet Switch



Features

- Provides 5/8 Fast Ethernet ports with Auto MDI/MDI-X
- Supports 10/100 Mbps Auto-Negotiation
- Provides compact size with DIN-rail/Wall mount, and IP30 metal mechanism
- Supports redundant 12 ~ 48 V_{DC} power input and P-Fail relay
- Supports wide operating temperatures from -40 to 75 °C (EKI-2525I/EKI-2528I)

Introduction

The EKI-2525/2528 is a Fast Ethernet solution. Power is a +12 ~ 48 V_{DC} redundant input design, and is secure 1 v. this double protection mechanism: Power Polarity Reverse Protection and Overload Current Resetable Fuse. The former tolerates reverse power switching while the later secures he system from overload currents. As the power supply turns normal, EKI-2525/2528 will automatically get back to work. Each EKI-2525/2528 port has 2 LED's to sho (this link status transmission speed and collision status. 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 no. for administrators. Engineers can simply verify the hardware status by checking the LED, which makes troubleshooting quick and easy. EKI-2525/2528 comes with a composition of the least of the l

Specifications

Communications

Standard IEEE
 LAN
 Transmission Distance
 Transmission Speed
 Up to 100 Mbps

Interface

Connectors 8 x RJ45 (EKI-2525) or 5 x RJ45 (EKI-2525)

6-pin rะๆ val'e screw terminal (power & relay)

■ LED Indicators P1. P2. P-rail

10/100T (X): Link/Activity, Duplex/Collision

Power

Power Consumption
 EKI-2525/I: 2.88 Watts
 EKI-2528/I: 4.71 Watts

■ **Power Input** 12 ~ 48 V_{DC}, redundant dual inputs

• Fault Output 1 Relay Output

Mechanism

Dimensions (W x H x D) EKI-2525: 30 x 120 x 95 mm (1.18" x 4.72" x 3.74)

EKI-2528: 30 x 140 x 95 mm (1.18" x 5.51" x 3.74)

Enclosure IP30, Metal shell with solid mounting kits

Mounting DIN-rail, Wall

Protection

Reverse Polarity PresentOverload current Present

Environment

• Operating Temperature $-10 \sim 60 \,^{\circ}\text{C} \, (14 \sim 140 \,^{\circ}\text{F})$

-40 ~ 75 °C (-40 ~ 167 °F), (EKI-2525I and EKI-2528I)

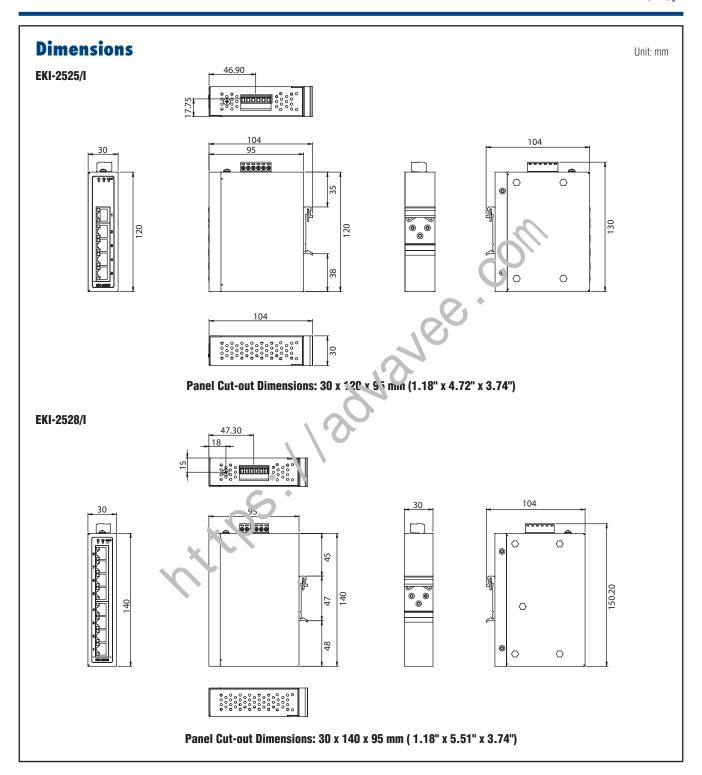
Storage Temperature -40 ~ 85 °C (-40 ~ 185 °F)
 Operating Humidity 10 ~ 95% (non-condensing)
 Storage Humidity 10 ~ 95% (non-condensing)
 MTBF 820,306 hours (EKI-2528/I)

831,876 hours (EKI-2525/I)

Certification

• Safety UL 62368
• EMI CE, FCC Class A
• EMS EN 61000-4-2
• EN 61000-4-3

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-2525-BE** 5-port Ethernet Switch

■ **EKI-2525I-BE** 5-port Ethernet Switch w/ Wide Temp

• **EKI-2528-BE** 8-port Ethernet Switch

■ EKI-2528I-BE 8-port Ethernet Switch w/ Wide Temp