

EKI-2705EL EKI-2708EL

5-port Unmanaged Industrial Ethernet Switch

8-port Unmanaged Industrial Ethernet Switch



Features

- Provides 5/8 Fast Ethernet ports
- Supports 10/100 Mbps Auto-Negotiation
- Provides compact size with DIN-rail, and IP30 metal mechanism
- Supports 9.6 ~ 60 V_{DC} or 18 ~ 30 V_{AC}

Introduction

The EKI-2705EL & 2708EL provides a Fast Ethernet solution. Power is delivered via either 9.6 ~ 60 V_{DC} or 18 ~ 30 V_{AC} redundant input design. The EKI-2705EL & EKI-2708EL comes with a slim design and also support DIN-Rail, marking it suitable for installation in narrow areas. The IP30-rated enclosure ensures protection 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 (EKI-2705EL) or 8 x RJ45 (EKI-2708EL)
2-pin removable terminal
- **LED Indicators** PWR
10/100T (X): Link/Activity

Power

- **Power Consumption** EKI-2705EL: 3 Watts (max)
EKI-2708EL: 4 Watts (max)
- **Power Input** 9.6 ~ 60 V_{DC} or 18 ~ 30 V_{AC}

Mechanism

- **Dimensions (W x H x D)** EKI-2705EL: 26 x 103 x 64 mm (1.02" x 4.06" x 2.52")
EKI-2708EL: 43.5 x 103 x 64 mm (1.71" x 4.06" x 2.52")
- **Enclosure** IP30, Metal shell
- **Mounting** DIN-rail

Protection

- **Reverse Polarity** Present
- **Overload current** Present

Environment

- **Operating Temperature** -10 ~ 60 °C (14 ~ 140 °F)
- **Storage Temperature** -40 ~ 85 °C (-40 ~ 185 °F)
- **Operating Humidity** 5 ~ 95% (non-condensing)
- **Storage Humidity** 5 ~ 95% (non-condensing)
- **MTBF** EKI-2705EL: 1,237,460 hours
EKI-2708EL: 1,233,942 hours

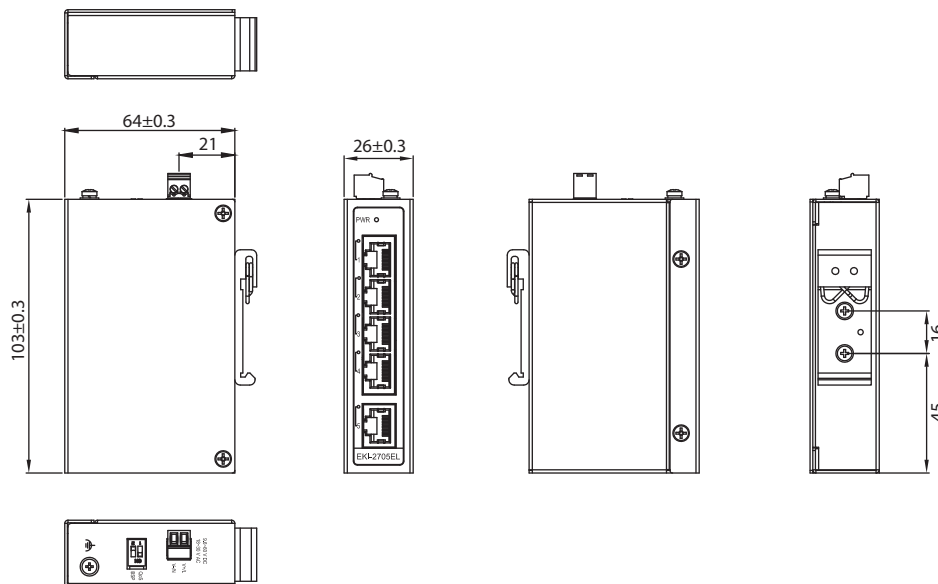
Certification

- **Safety** LVD 62368
- **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
EN 61000-4-11
- **Shock** IEC 60068-2-27
- **Freefall** IEC 60068-2-32
- **Vibration** IEC 60068-2-6

Dimensions

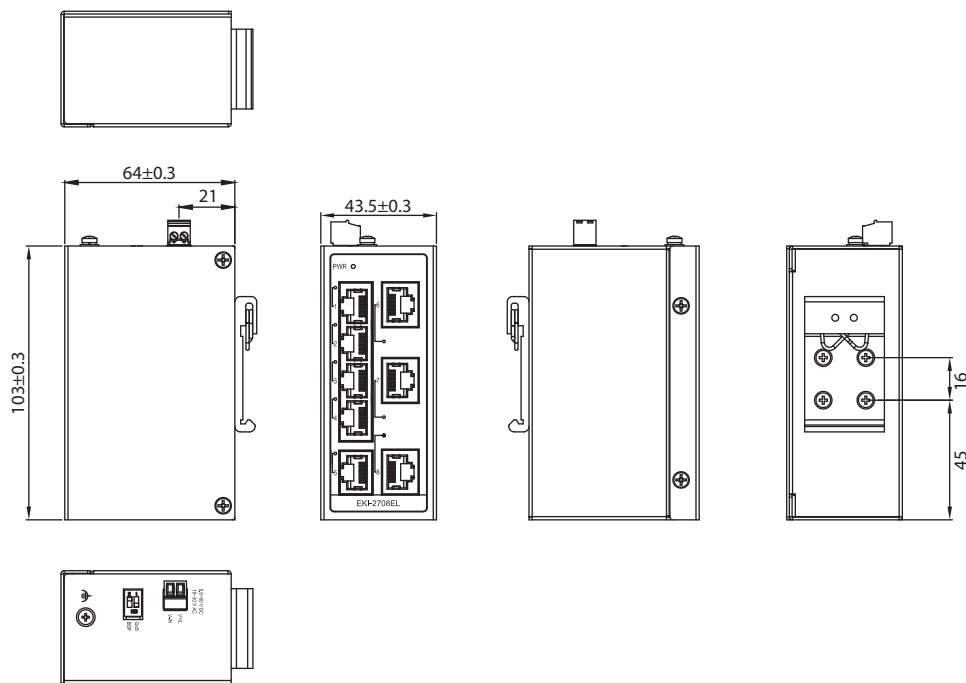
Unit: mm

EKI-2705EL



Panel Cut-out Dimensions: 26 x 103 x 64 mm (1.02" x 4.06" x 2.52")

EKI-2708EL



Panel Cut-out Dimensions: 43.5 x 103 x 64 mm (1.71" x 4.06" x 2.52")

Ordering Information

- EKI-2705EL-A 5-port Fast Unmanaged Ethernet Switch
- EKI-2708EL-A 8-port Fast Unmanaged Ethernet Switch