

# EKI-2705LX

## 5-port 2.5GbE Unmanaged Industrial Ethernet Switch



### Features

- Provides 5\*2.5GbE ports with auto MDI/MDIX
- Support 10M/100M/1000M/2.5Gbps auto negotiation
- Support jumbo frame transmission up to 12k
- Provide slim size , DIN-Rail and Wall Mount design
- Supports dual redundant power inputs: 9-60V<sub>DC</sub> and 100 - 240V AC via Mini DIN (AC power adapter is optional accessory)
- Power Alarm alerts if either power input fails

### Introduction

The EKI-2705LX is an unmanaged industrial switch with 5 x 2.5GbE ports, it helps to instantly upgrade your network to take advantage of 2.5GbE-enabled devices without requiring any new network cables. Featuring an industrial-grade design with high quality, high stability and high efficiency and plug-and-play set up, the EKI-2705LX makes it easy for you to create an affordable high-speed network environment for your environment.

### Specifications

#### Communications

- **Standard** IEEE 802.3, 802.3u, 802.3ab, 802.3bz
- **LAN** 10/100/1000/2.5GBase-T(X)
- **Transmission Distance** Up to 100 m (4-wire Cat.5e, Cat.6 RJ45 cable)
- **Transmission Speed** Up to 12.5Gbps

#### Interface

- **Connectors** 5 x RJ45  
3-pin removable terminal (power)  
DC power jack  
3-pin removable terminal (relay)
- **LED Indicators** P1, P2, ALM, LAN

#### Power

- **Power Consumption** 6 W
- **Power Input** 9-60 V<sub>DC</sub> (terminal block) or 100-240VAC (Mini Din)
- **Fault Output** 1 Relay Output

#### Mechanism

- **Dimensions (W x H x D)** 28 x 90 x 99 mm
- **Enclosure** IP30, Metal shell with solid mounting kits
- **Mounting** DIN-rail, Wall

#### Protection

- **Power Reverse** Present
- **Overload current** Present

#### Environment

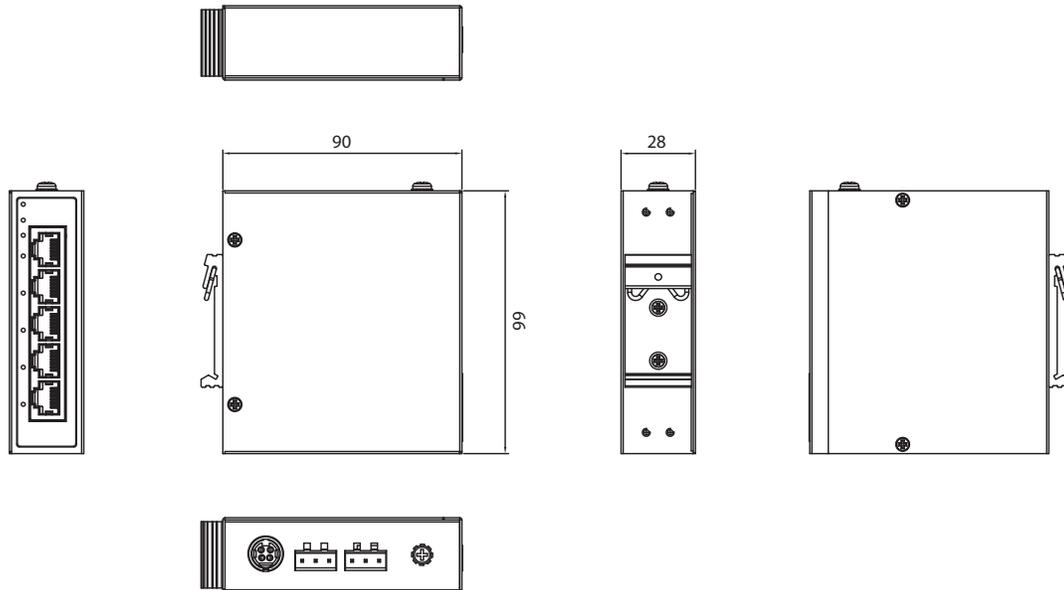
- **Operating Temperature** -10 ~ 60°C
- **Storage Temperature** -40 ~ 85°C (-40 ~ 185°F)
- **Operating Humidity** 10 ~ 95% (non-condensing)
- **Storage Humidity** 10 ~ 95% (non-condensing)
- **MTBF** 199,564hrs

#### Certifications

- **Safety** LVD EN62368
- **EMI** CE, FCC Class A
- **EMS** EN55032  
EN55024  
EN61000-3-2  
EN61000-3-3  
EN61000-6-2  
EN61000-6-4

## Dimensions

Unit: mm



Outline Dimensions: 28 x 99 x 90 mm

## Ordering Information

- EKI-2705LX-A 5-port 2.5GbE Unmanaged Industrial Ethernet Switch