EKI-2728MI

6Gx+2 Multi-Mode Unmanaged Ethernet Switch with Wide Temperature

NEW

Features

- 6 Gigabit Ethernet ports with auto negotiation and 2 Gigabit fiber optic ports
- Supports jumbo frame transmission up to 9k bytes
- Provides slim size, DIN-rail with IP30 metal mechanism
- Provides broadcast storm protection
- Supports 5.49% power consumption
- Redundant DC power supply and one removable AC power input

RoHS COMPLIANT 2002/95/EC   CE   FCC   c(UL)us LISTED E180881 I.T.E.

Introduction

EKI-2728MI is a cost effective unmanaged industrial Ethernet switch which supports Giga Ethernet. It supports Green Power requirement, furthermore, EKI-2728MI also supports advanced network standards to optimize network performance, reduce maintenance cost, and secure network safety.

Specifications

Communications

- **Standard** — IEEE 802.3, 802.3u, 802.3x, 802.1ab, 802.1z
- **LAN** — 10/100/1000Base-Tx
- **Transmission Distance** — Ethernet : Up to 100m
  Fiber : Up to 2km
- **Transmission Speed** — Up to 1000Mbps

Interface

- **Connectors** — 6 x RJ45 ports
  2 x SC type fiber optic
- **LED Indicators** — System: PWR1, PWR2, P-Fail
  Gigabit Ethernet copper: Link/Activity, speed(10/100/1000 Mbps)
  Fiber SC: Link/Activity

Mechanism

- **Enclosure** — IP30, metal shell with solid mounting kits
- **Dimensions (W x H x D)** — 59.6 x 152 x 105 mm
- **Mounting** — DIN-rail, Wall

Power

- **Power Consumption** — 10.2 W max. @ 48 VDC; 9.3 W max. @ 24 VAC / 60Hz
- **Power Input** — 12 ~ 48 V_{DC}, 24V_{AC} (18~30 V_{AC})
- **Fault Output** — 1 Relay Output, 1A@ 24V_{DC}

Protection

- **Power Reverse** — Present

Environment

- **Operating Temperature** — -40 ~ 75° C (-40 ~ 167° F)
- **Storage Temperature** — -40 ~ 85° C (-40 ~ 185° F)
- **Operating Humidity** — 5 ~ 95% (non-condensing)
- **Storage Humidity** — 5 ~ 95% (non-condensing)
- **MTBF** — 505,863 hours

Certifications

- **Safety** — UL 508, Class I, Division 2
- **EMC** — CE, FCC Class A,
  EN61000-3-2/3
  IEC61000-4-2/3/4/5/6/8/11/12, EN61000-6-2/42
- **Shock** — IEC60068-2-27
- **Freefall** — IEC60068-2-32
- **Vibration** — IEC60068-2-6

Ordering Information

- **EKI-2728MI** — 6Gx+2 MM Unmanaged Ethernet Switch w/ Wide Temp