EKI-7526I
EKI-7526MI

16-port Unmanaged Industrial Ethernet Switch with Wide Temperature

16+2 SC Type Fiber Optic Unmanaged Industrial Ethernet Switch with Wide Temperature

EKI-7526I

EKI-7526MI

Features

- Provides 16 10/100 Mbps Ethernet ports with RJ45 connector
- Provides SC type fiber optic ports plus 16 Fast Ethernet ports
- Supports Auto Negotiation and Auto MDI/MDI-X
- Provides flexible mounting: DIN-rail and Wall mount
- Supports Dual 12 ~ 48 V_{DC} power input and 1 relay output
- Supports wide operating temperature -40~75°C

Introduction

EKI-7526I and EKI-7526MI are cost effective unmanaged industrial Ethernet switches which support 16 x 10/100Base-TX fast Ethernet ports. Traditional fiber optic ports can be used for up-linking and long distance transmissions to flexibly fit the field requests (EKI-7526MI Only). The long MTBF (Mean Time Between Failures) ensures low operation and maintenance costs. All Ethernet ports have memory buffers that support the store-and-forward mechanism, which assures that data can be transmitted properly. Both EKI-7526MI and EKI-7526I support advanced network standards to optimize network performance, reduce maintenance costs, and secure network safety..

Specifications

Communications

- **Standard** — IEEE 802.3, 802.3u, 802.3x
- **LAN** — 10/100Base-T (X), Optional 100Base-FX
- **Transmission Distance** — Ethernet: Up to 100 m (4- wire Cat.5e
  Multi-mode Fiber: Up to 2 km
- **Transmission Speed** — Ethernet:10/100 Mbps Auto-Negotiation

Interface

- **Connectors** — 16 x RJ45 (Ethernet), EKI-7526I
  16 x RJ45 (Ethernet) with 2 x SC type fiber optic, (EKI-7526MI)
  6-pin removable screw terminal (Power & Relay)
- **LED Indicators** — System: PWR1, PWR2, P-Fail
  10/100T (X): Link/Activity, Duplex/Collision

Power

- **Power Consumption** — Max. 8.9 W
- **Power Input** — 12 ~ 48 V_{DC}, redundant dual inputs
- **Fault Output** — 1 Relay Output

Mechanism

- **Dimensions (W x H x D)** 79 x 152 x 105 mm (3.11" x 5.98" x 4.13")
- **Enclosure** — IP30, Metal shell with solid mounting kits
- **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** — 5 ~ 95% (non-condensing)
- **Storage Humidity** — 0 ~ 95% (non-condensing)
- **MTBF** — 237,130 hours

Certifications

- **Safety** — UL 508
- **EMI** — FCC Part 15 Subpart B Class A, EN 55022 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

Ordering Information

- **EKI-7526I** — 16FE Unmanaged Ethernet Switch w/Wide Temp
- **EKI-7526MI** — 16FE + 2 x Multi-mode Fiber Unmanaged Ethernet Switch w/Wide Temp