

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

NEW



EKI-7526I

EKI-7526MI



Features

- Provides 16 10/100Mbps Ethernet ports with RJ-45 connector
- Provides SC or ST type fiber optic ports plus 8 Fast Ethernet ports
- Supports Auto Negotiation and Auto MDI/MDI-X
- Provides flexible mounting: DIN-rail, Wall Mounting
- 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 managed 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. 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 2km
- **Transmission Speed** Ethernet:10/100Mbps Auto-Negotiation

Interface

- **Connectors** 16 x RJ-45 (Ethernet), EKI-7526I
16 x RJ-45 (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. 8.9W
- **Power Input** 12 ~ 48 V_{DC}, redundant dual inputs
- **Fault Output** 1 Relay Output
- **Inrush Current** 200%@ 24V_{DC}

Mechanism

- **Dimensions (W x H x D)** 79 x 152 x 105 mm
- **Enclosure** IP30, Metal shell with solid mounting kits
- **Mounting** DIN-rail, Wall

Protection

- **Reverse Polarity** 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 hrs

Certifications

- **Safety** UL 508, Class I, Division 2
- **EMC** U.S.A.: FCC Part 15 CISPR 22
EU: EN55011, EN61000-6-4, EN55022 Class A,
EN55024,
IEC61000-4-2/3/4/5/6/8/11/12, EN61000-6-2
- **Shock** IEC60068-2-27
- **Freefall** IEC60068-2-32
- **Vibration** IEC60068-2-6

Ordering Information

- **EKI-7526I** 16-port Ethernet Switch w/ Wide Temp.
- **EKI-7526MI** 16+2MM Fiber Optic Ethernet Switch w/ Wide Temp