EKI-7626C/CI EKI-7629C/CI

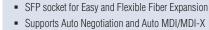
16+2G Combo Port Gigabit Unmanaged Industrial Ethernet Switch

8+2G Combo Port Gigabit Unmanaged Industrial Ethernet Switch

Provides 2 Gigabit Copper/SFP combo port plus 16 Fast Ethernet ports

Provides 2 Gigabit Copper/SFP combo port plus 8 Fast Ethernet ports





Features

(EKI-7626C/CI)

(EKI-7629C/CI)

- Provides flexible mounting: DIN-rail, Wall Mounting
- Supports Dual 12 ~ 48 V_{DC} power input and 1 relay output
- Supports wide operating temperatures from -40 ~ 75° C (EKI-7626CI/EKI-7629CI)



Introduction

Aside from 2 Gigabit fiber optic/copper combo ports, the EKI-7626C/CI comes equipped with 16 x 10/100Base-T(X) fast Ethernet ports and the EKI-7629C/CI comes equipped with 8 x 10/100Base-TX fast Ethernet ports. Traditional RJ-45 ports can be used for up-linking wide-band paths in short distances (< 100 m), or the appropriate replaceable SFP module can be used for the application of wideband uploading and long distance transmissions to flexibly fit field requests. The long MTBF (Mean Time Between Failures) ensures low operation and maintenance cost. EKI-7626C/CI & EKI-7629C/CI includes a switch controller that can automatically sense transmission speeds (10/100Mbps) The RJ-45 interface can also be auto-detected, so MDI or MDI-X is automatically selected and a cross-over cable is not required. All Ethernet ports have memory buffers that support the store-and-forward mechanism, which assures that data can be transmitted properly. Both EKI-7526MI or EKI-7526I support advanced network standards to optimize network performance, reduce maintenance costs, and secure network safety.

Specifications

Communications

Standard
IEEE 802.3, 802.3ab, 802.3u, 802.3x, 802.3z
LAN
100Base-TX, 10/1000Base-T, Optional 100Base-FX, 1000Base-SX/LX/LHX/XD/ZX/EZX

• Transmission Distance Ethernet: Up to 100 m (4- wire Cat.5e, Cat.6 RJ-45

cable suggested for Gigabit port)

Gigabit Fiber: Up to 110 km (depending on SFP)

• Transmission Speed Ethernet: 10/100Mbps Auto-Negotiation

Gigabit Copper: 10/100/1000Mbps, Auto-Negotiation

SFP: Up to 1000Mbps

Interface

• **Connectors** 16 x RJ-45 (Ethernet) with 2 x RJ-45/SFP (mini-GBIC)

combo ports (EKI-7626C/CI)

8 x RJ-45 (Ethernet) with 2 x RJ-45/SFP (mini-GBIC)

combo ports (EKI-7629C/CI)

6-pin removable screw terminal (Power & Relay)

• LED Indicators System: PWR1, PWR2, P-Fail

Gigabit Copper: Link/Activity, Speed (1000Mbps)

Gigabit SFP: Link/Activity

Power

Power Consumption Max. 6.5W

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

Enclosure IP30, Metal shell with solid mounting kits

• Mounting DIN-rail, Wall

Protection

Reverse Polarity Present

Overload
EKI-7629C/CI: 1.6 A @ 12 V_{DC} (Re-settable Fuse)

EKI-7626C/CI: 3.5 A @ 12 V_{DC} (Fuse)

Environment

Operating Temperature Wide Temp. Model
Storage Temperature Temperature Poperating Humidity
Storage Humidity
Storage Humidity
Operating Humidity
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■ **MTBF** 295,000 hrs

Certifications

Safety UL 60950-1, CAN/CSA-C22.2 No.60950

■ EMC U.S.A.: FCC Part 15 CISPR 22

EU: EN55011, EN61000-6-4, EN55022 Class A,

EN61000-3-2/3, EN55024,

IEC61000-4-2/3/4/5/6/8, EN61000-6-2

Shock IEC60068-2-27
Freefall IEC60068-2-32
Vibration IEC60068-2-6

Ordering Information

EKI-7626C 16+2G Gigabit Unmanaged Ethernet Switch

• **EKI-7626CI** 16+2G Giga Unmanaged Ethernet Switch w/ Wide Temp

■ **EKI-7629C** 8+2G Gigabit Unmanaged Ethernet Switch

• **EKI-7629CI** 8+2G Giga Unmanaged Ethernet Switch w/ Wide Temp