DATENBLATT

EKI-2725F/FI-Serie

HABEN SIE FRAGEN ODER
WÜNSCHEN SIE EIN INDIVIDUELLES ANGEBOT?
Unser Team berät Sie gerne persönlich.

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Erwähnte Firmen- und Produktnamen sind zum Teil eingetragene Warenzeichen der jeweiligen Hersteller.

EKI-2725F/FI

4GE + 1SFP port Gigabit Unmanaged Industrial Ethernet Switch

Features

- Provides 4 GE+ 1 SFP ports with auto MDI/MDI-X
- Supports 10/100/1000 Mbps auto negotiation
- Supports jumbo frame transmission up to 9kb
- Provides slim size, DIN-rail with IP30 metal mechanism
- Supports redundant 12 ~ 48 V_{DC} power input and P-Fail relay
- Provides broadcast storm protection

Introduction

The EKI-2725F supports Gigabit Ethernet. The power rating is +12 ~ 48 V_{DC} redundant input design, and is secured with a double protection mechanism: Power Polarity Reverse Protection and an Overload Current Fuse. The former tolerates reverse power wiring while the later secures the system from overload currents. Each port of EKI-2725F has 2 LED's to show the link status transmission speed and collision status. It also provides a relay output for an event alarm. In the event of a power failure, the built-in LED will activate the alarm to notify administrators. Engineers can simply verify the hardware status by checking the LED, which makes troubleshooting quick and easy. EKI-2725F comes with compact metal housing rated at IP30 to protect against dusty industrial environments.

Specifications

Communications

Standard	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3z
LAN	4 x 10/100/1000Mbps(RJ-45)+ 1 x 100/1000Mbps(SFP)
Transmission Distance	Ethernet: Up to 100 m (4-wire Cat.5e, Cat.6 RJ45 cable) SFP: Up to 110 km (depends on SFP)
Transmission Speed	Up to 1000 Mbps

Interface

Connectors	4 x RJ45 + 1 x SFP 6-pin removable screw terminal (power & relay)
LED Indicators	P1, P2, P-Fail 10/100/1000T (X): Link/Activity, Duplex/Collision SFP: LNK/ACT

Power

Power Consumption	2.5W
Power Input	12 ~ 48 V_{DC}, redundant dual inputs
Fault Output	1 Relay Output

Mechanism

Dimensions (W x H x D)	30 x 140 x 95 mm (1.18" x 5.51" x 3.74")
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 (14 ~ 140 °F) -40 ~ 75 °C (-40 ~ 167 °F) / (I model)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Operating Humidity	10 ~ 95% (non-condensing)
Storage Humidity	10 ~ 95% (non-condensing)
MTBF	1,868,330 hours

Certifications

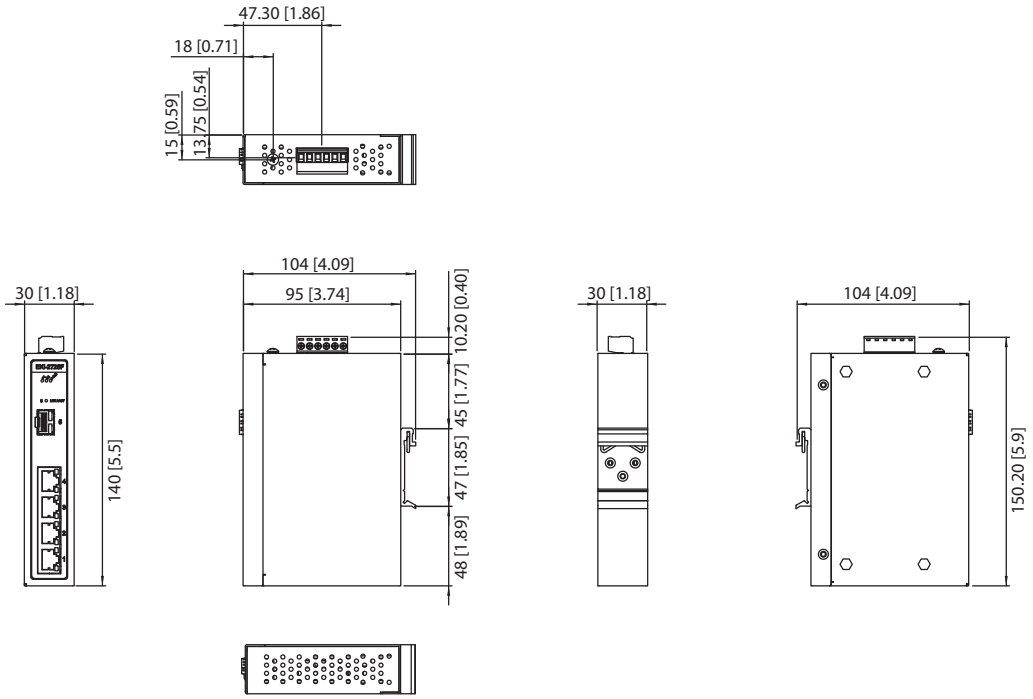
Safety	UL 60950
EMI	CE, FCC Class A
EMS	EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32
Vibration	IEC 60068-2-6

All product specifications are subject to change without notice

Last updated: 9-Aug-2017

Dimensions

Unit: [mm]



Ordering Information

- **EKI-2725F-AE** 4GE + 1 SFP unmanaged switch
- **EKI-2725FI-AE** 4GE + 1 SFP unmanaged switch w/wide temp