KOM600

2 Port Din-Rail Copper to Fiber Media Converter

- Green Ethernet solution with ultra low power consumption design, its full load power consumption is as low as 2 watts
- 1 100Base-FX port and 1 10/100Base-TX RJ45 port
- Supports LFP (Link Fault Pass-Through)
- Redundant power inputs with wide voltage range
- IP40 protection class
- CE, FCC, UL508, Class I,Div.2 certifications

⟩⟩ Overview

The KOM600 is a ultra low power consumption Green industrial media convertor, its full load power consumption is as low as 2 watts. The KOM600 supports 1 100Base-FX fiber port and 1 10/100Base-T(X) copper port. The KOM600 provides 9-36VDC or 18-72VDC redundant power inputs, supports DIN-Rail mounting or Panel mounting, supports IP40 protection class, supports LFP (Link Fault Pass-Through). These media convertors are specially designed for harsh industrial environments certified by UL508 and UL Class I,Div.2 certifications.

⟩⟩ Product Specifications

Technical Specifications

Standards
- ▼ IEEE 802.3i(10Base-T)
- ▼ IEEE 802.3u(100Base-TX and 100Base-FX)

Interface

Fast Ethernet Ports
- ▼ 100Base-FX, SM/MM port, FC/SC/ST connector
- ▼ 10/100Base-T(X) RJ45 port

LED

Indicators in the front panel
- ▼ Power LED: PWR1, PWR2
- ▼ Interface LED: Link/ACT, Speed (RJ45 Ports); Link/ACT(Fiber Ports)

Power Requirements

Power Input
- ▼ 12DCW(9-36VDC),
- ▼ 24DC(18-36VDC),
- ▼ 24DCW(18-72VDC)

Power Terminal
- ▼ 5-pin 5.08mm-spacing plug-in terminal block

Power Consumption	<2W
Overload Protection	Support
Reverse Connection Protection	Support
Redundancy Protection	Support

Physical Characteristics

Housing	Metal
Heat Dissipation Mode	Natural cooling, without fans
Protection Class	IP40

Dimensions
- ▼ 30mm×115mm×91.5mm (1.18 in×4.53 in×3.60 in) (W×H×D)

Weight	0.46kg (1.014 lb)

MountingDIN-Rail mounting or Panel mounting

Environmental Limits

Operating Temperature	-40℃-+85℃ (-40 -185°F)
Storage Temperature	-40℃-+85℃ (-40 -185°F)
Ambient Relative Humidity	5-95% (non-condensing)

Quality Assurance

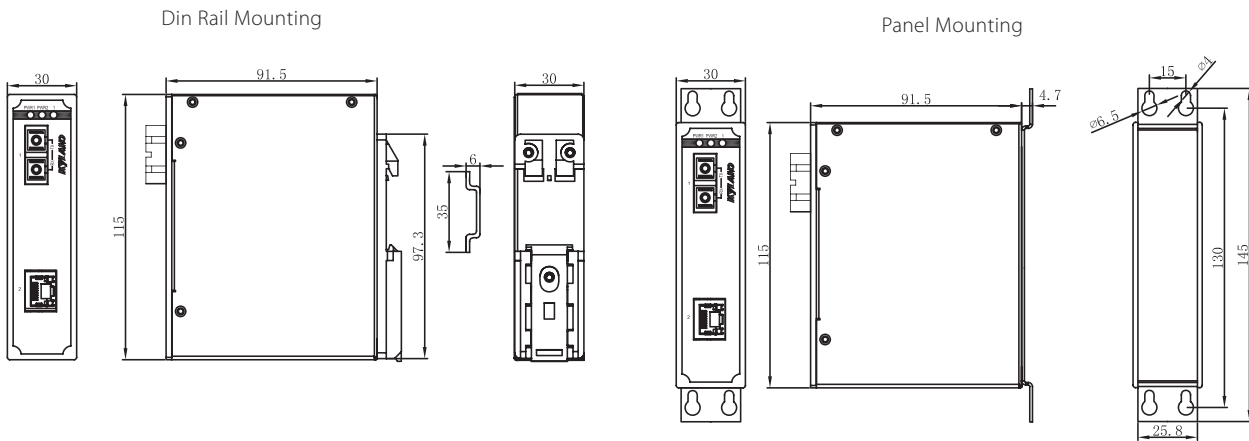|	
MTBF	546,000 hrs
Warranty period	5 years

Approvals

CE, FCC, UL508, Class I Div.2
For the latest dynamics of the product, visit the website of Kyland.

Industry Standard

EMI

▼ FCC CFR47 Part 15,EN55022/CISPR22,Class A

EMS

▼ IEC61000-4-2(ESD) ±6kV(contact),±8kV(air)

▼ IEC61000-4-3(RS) 10V/m(80MHz-2GHz)

▼ IEC61000-4-4(EFT) Power Port:±2kV;Data Port:±1kV

▼ IEC61000-4-5(Surge) Power Port:±1kV/DM,±2kV/CM;Data Port:±1kV

▼ IEC61000-4-6(CS) 3V(10kHz-150kHz);10V(150kHz-80MHz)

Mechanical standards

▼ IEC60068-2-6 (Vibration),

▼ IEC60068-2-27 (Shock),

▼ IEC60068-2-32 (Free Fall)

⟫ Module adaptive table

Din Rail Mounting

Panel Mounting

⟫ Ordering Information

KOM600-Ports-Connector-PS	
Ports	
1S1T	1 100Base-FX single mode port, 1 10/100Base-T(X) RJ45 port
1M1T	1 100Base-FX multi mode port, 1 10/100Base-T(X) RJ45 port
Connector	**100M fiber port specifications**
SC05	SC connector, multi-mode, 1310nm, 5km
ST05	ST connector, multi-mode, 1310nm, 5km
FC05	FC connector, multi-mode, 1310nm, 5km
SC40	SC connector, single-mode, 1310nm, 40km
ST40	ST connector, single-mode, 1310nm, 40km
FC40	FC connector, single-mode, 1310nm, 40km
SC60	SC connector, single-mode, 1310nm, 60km
SC80	SC connector, single-mode, 1550nm, 80km
PS	
L2-L2	24DCW(18-72VDC),redundant power
L3-L3	24DC(18-36VDC), redundant power inputs
L5-L5	12DCW(9-36VDC),redundant power

⟫ Accessories

Accessory model	**Description**
DT-BGAZ-01	Panel for panel mounting
DT-FCZ-RJ45-01	Dustproof cover for RJ45 port