

# KOM600G

Preliminary



## 2G 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 4.5 watts
- 1 1000Base-X SFP port and 1 10/100/1000Base-T(X) RJ45 port
- Supports LFP (Link Fault Pass-Through)
- Redundant power inputs with wide voltage range
- IP40 protection class

### Overview

The KOM600G is an ultra low power consumption Green industrial Gigabit media converter, its full load power consumption is as low as 4.5 watts. The KOM600G supports 1 1000Base-X SFP port and 1 10/100/1000Base-T(X) copper port. The KOM600G provides 9-36VDC or 18-72VDC redundant power supplies, supports DIN-Rail mounting or Panel mounting, supports IP40 protection class, and supports LFP (Link Fault Pass-Through).

### Product Specifications

#### Technical Specifications

##### Standards

- ▼ IEEE 802.3i(10Base-T)
- ▼ IEEE 802.3u(100Base-TX and 100Base-FX)
- ▼ IEEE 802.3ab(1000Base-T)
- ▼ IEEE 802.3z(1000Base-SX/LX)

#### Interface

##### Fast Ethernet Ports

- ▼ 1000Base-X, SFP port
- ▼ 10/100/1000Base-T(X), RJ45 port

#### LED Indicators

##### 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), 24DCW(18-72VDC)  
Power Terminal

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

Power Consumption	<4.5W
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)

##### Mounting

- ▼ DIN-Rail mounting or Panel mounting

#### Environmental Limits

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

#### Quality Assurance

MTBF	546,000 hrs
Warranty period	5 years

#### Approvals

CE(pending), FCC(pending)

For the latest dynamics of the product, visit the website of Kyland.

#### Industry Standard

##### EMI

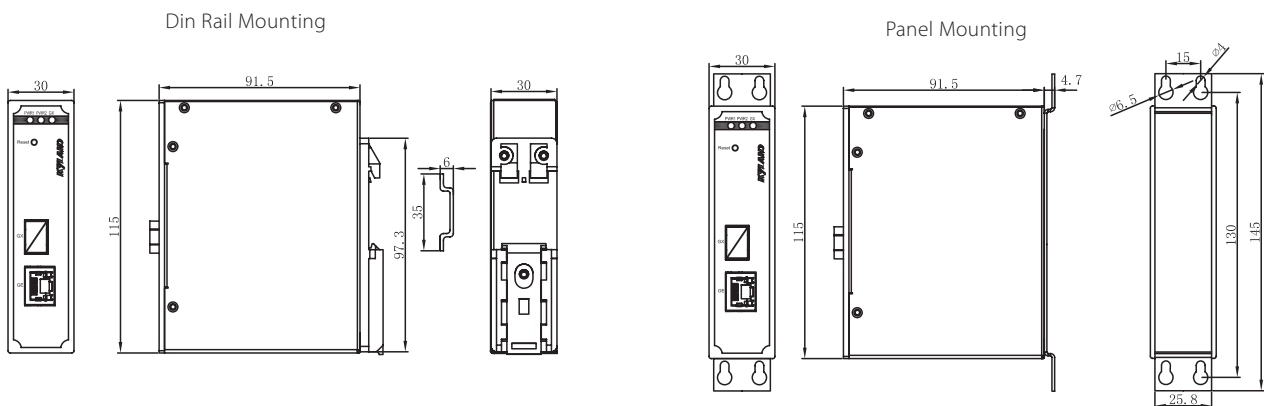
- ▼ FCC CFR47 Part 15,EN55022/CISPR22,Class A
- EMS

- ▼ IEC61000-4-2(ESD)  $\pm 6\text{kV}$ (contact), $\pm 8\text{kV}$ (air)
- ▼ IEC61000-4-3(RS) 10V/m(80MHz-2GHz)
- ▼ IEC61000-4-4(EFT) Power Port: $\pm 2\text{kV}$ ;Data Port: $\pm 1\text{kV}$
- ▼ IEC61000-4-5(Surge) Power Port: $\pm 1\text{kV}/\text{DM}$ , $\pm 2\text{kV}/\text{CM}$ ;Data Port: $\pm 1\text{kV}$
- ▼ 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)

## » Mechanical Drawing



## » Ordering Information

### KOM600G-Ports-PS

#### Ports

1GX1GE 1 1000Base-X SFP port;1 10/100/1000Base-T(X) RJ45 port

#### PS

L2-L2 24DCW(18-72VDC), redundant power inputs

L5-L5 12DCW( 9-36VDC), redundant power inputs