

KOM600G

2G port DIN-Rail LFP copper to fiber media converters



» Overview

KOM600G industrial Gigabit media convertor supports 1 Gigabit SFP port and 1 10/100/1000Base-TX RJ45 ports, and supports LFP (Link Fault Pass-Through). KOM600G provides 12-48VDC models to meet different applications.

KOM600G is especially designed for harsh environments with wide (-40°C to 75°C) operating temperature range, EMC level 3, IP40 protection class, strong vibration-resistant mounting clip for DIN-Rail installation, it can be deployed in power, transportation, oil & gas and many other industrial applications.

» Key Features

Support 1 Gigabit SFP port and 1 10/100/1000Base-TX RJ45 ports

Support LFP (Link Fault Pass-Through)

Built-in isolated power supply, Full load power consumption is as low as 2.5 W

Power inputs with wide voltage range

Jumbo frame transmission function (up to 9KB)

EMC level 3

IP40 protection class

Product Specifications

>Technical Specification

-Standard

IEEE 802.3i (10Base-T)

IEEE 802.3u (100Base-TX)

IEEE 802.3ab(1000Base-T)

IEEE 802.3z (1000Base-X)

-Switch Properties

MAC Table: 2K

Jumbo Frame Size: 9KB

-Interface

Gigabit Port:

100/1000Base-X, SFP slot

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

-LED

LEDs on Front Panel

Power LED: PWR1, PWR2

Interface LED: Link/ACT, Speed (RJ45 port); Link/ACT (Fiber port)

-Power Requirements

Power Input: 12-48VDC/18-30VAC

Power Terminal:

4-pin 5.08mm-spacing plug-in terminal block

Power Consumption: 2.5W

Overload Protection: Support

Reverse Protection: Support

Redundancy Protection: Support

-Physical Characteristics

Housing: Metal

Cooling: Natural convection, fanless

Protection Class: IP40

Dimension: 31mm×114.5mm×94mm (W×H×D)

Weight: 0.3Kg

Mounting: DIN-Rail or Panel mounting

-Environmental Limits

Operating Temperature: -40°C to +75°C

Storage Temperature: -40°C to +85°C

Ambient Relative Humidity: 5°C 95% (non-condensing)

-Quality Assurance

MTBF: 8762929 hrs

Warranty: 5 years

-Approvals

CE, FCC

-Industry Standard

EMI:

FCC CFR47 Part 15, EN55032/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: ±4kV; Data Port: ±2kV

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

IEC61000-4-6(CS): 10V (150kHz–80MHz)

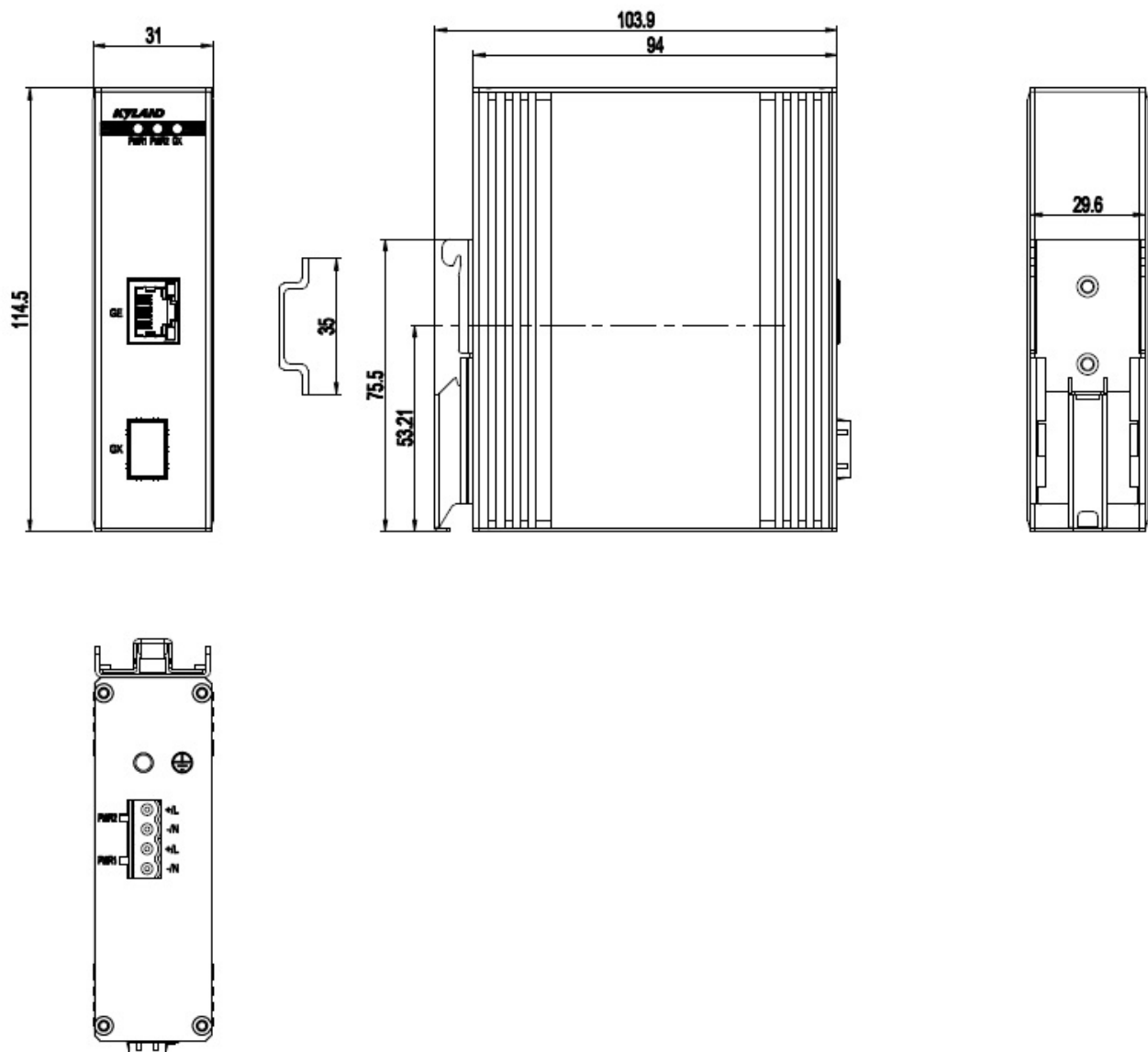
Machinery:

IEC60068-2-6 (Vibration)

IEC60068-2-27 (Shock)

IEC60068-2-32 (Free Fall)

Mechanical Drawing



» Ordering Information

Ordering Information

| KOM600G-Ports-PS1-PS2 | |
|-----------------------|---|
| Ports | |
| 1GX1GE | 1 X 100/1000Base-X SFP slot, 1 X 10/100/1000Base-T(X) RJ45 port |
| PS1-PS2 | |
| LV-LV | 12-48VDC/18-30VAC, redundant power inputs |
| Accessories | |
| Gigabit SFP module | Please refer to the Gigabit SFP module ordering list |
| 100Base-X SFP module | Please refer to the 100Base-X SFP module ordering list |

| | |
|----------------|-------------------------------|
| DT-BGAZ-01 | Panel for Panel mounting |
| DT-FCZ-RJ45-01 | Dustproof cover for RJ45 port |

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