

10/100/1000M Unmanaged Industrial Fiber Media Converter

PG-GYF301G

Introduction

This unmanaged industrial Ethernet switch is designed to match the critical industrial standards. With reliable and simple operation against vibration and shock, and wide operation temperature range, it could match a variety of harsh environment.

The switch complies with CE, FCC and RoHS standards, and passed the 100% burning test to ensure that it will fulfill the needs of industrial applications. It is a good choice for an economical solution for industrial Ethernet connections.

Image



Features & Benefits

2*1000Base-T(X) ports and 1*1000Base-FX port

-40°C -85°C operating temperature range

Super lightening protection, IP40 protection

Excellent heat elimination without cooling fan

Physical Characteristics

Housing: Aluminum Alloy material with IP40 Protection

Dimension: 138mm(L) X 112mm(W) X 42mm(H)

Weight: 480g

Installation: Din-Rail mounting, Wall mounting

Switch Properties

MAC Table Size: 1K

Packet Buffer Size: 1M bit

Processing Type: Store and Forward

Exchange Properties: 1488000pps (1000M)

Interfaces

2*RJ45 Ports: 1000Base-T(X) auto negotiation

1*1000Base-FX port (SC/ST/FC connectors optional)

Power

Input Voltage: 24V DC(18-36VDC) Redundant dual inputs

Input Current: <0.5A @24VDC

Overload Current Protection: Present

Reverse Polarity Protection: Present

Redundant Protection: Present

Environmental Limits

Operating Temperature: -40°C -85°C

Storage Temperature: -40°C -85°C

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

Standards

EMS:

EN61000-4-2 (ESD), Level 3

EN61000-4-3 (RS), Level 3

EN61000-4-4 (EFT), Level 3

EN61000-4-5 (Surge), Level 3

IEC61000-4-8(100A/m), Level 3

IEC61000-4-11, Level 3

Shock: IEC 60068-2-27

Free Fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A

Industry: IEC61000-6-2

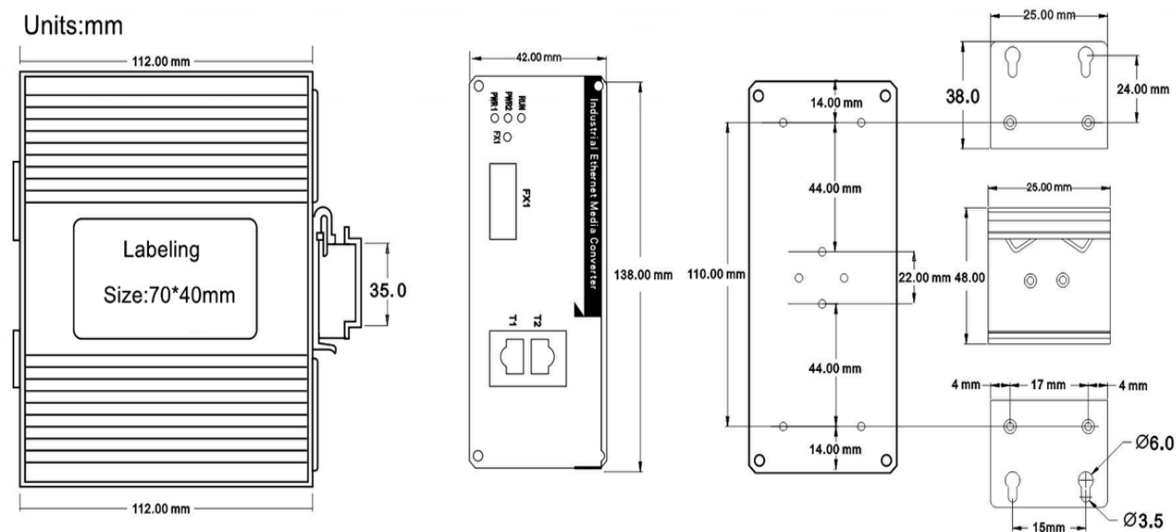
Rail: EN50155, EN50121-4

Traffic: NEMA TS-2

Warranty

5 years

Dimension



Models Available	
Model No	Description
Dual Fiber(Duplex)	
PG-GYF301G-MD	Multi-mode; 550M; FC/SC/ST interfaces optional
PG-GYF301G-SD	Single-mode; 20Km; FC/SC/ST interfaces optional
PG-GYF301G-SD40	Single-mode; 40Km; FC/SC/ST interfaces optional
PG-GYF301G-SD60	Single-mode; 60Km; FC/SC/ST interfaces optional
PG-GYF301G-SD80	Single-mode; 80Km; FC/SC/ST interfaces optional
Single Fiber(Simplex)	
PG-GYF301G-MS	Multi-mode; 550M; FC/SC/ST interfaces optional
PG-GYF301G-SS	Single-mode; 20Km; FC/SC/ST interfaces optional
PG-GYF301G-SS40	Single-mode; 40Km; FC/SC/ST interfaces optional
PG-GYF301G-SS60	Single-mode; 60Km; FC/SC/ST interfaces optional
PG-GYF301G-SS80	Single-mode; 80Km; FC/SC/ST interfaces optional