10/100M Unmanaged Industrial Fiber Media Converter

PG-GYF203B

Introduction	Image
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.	

Features & Benefits
4*10/100Base-T(X) ports and 1*100Base-FX port
-40℃-85℃ 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: 2K
Packet Buffer Size: 1M bit
Processing Type: Store and Forward
Exchange Properties: 148800pps (100M)

Interfaces
4* RJ45 Ports: 10/100Base-T(X) auto negotiation
1*100Base-FX port (SC/ST/FC connectors optional)

Power

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

Environmental Limits
Operating Temperature: -40℃-85℃
Storage Temperature: -40℃-85℃
Ambient Relative Humidity: 5%-95% (non-condensing)

Standards

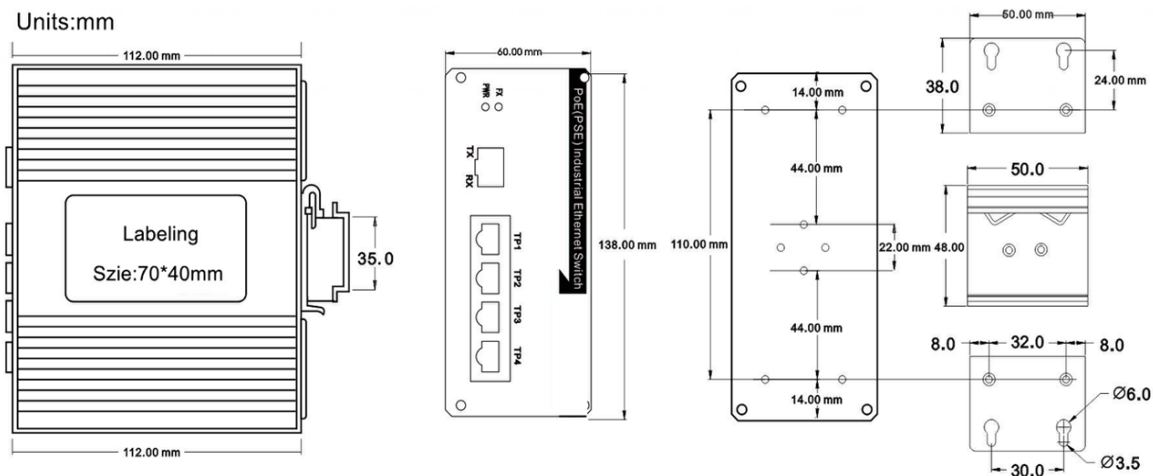| Standards |
|---|
| EMS:
  EN61000-4-2 (ESD)，Level 3
  EN61000-4-3 (RS)，Level 3
  EN61000-4-4 (EFT)，Level 3
  EN61000-4-5 (Surge)，Level 3
IEC61000-4-8(100A/m), Level 3
IEC61000-4-11, Level 3 |
| Shock: IEC 60068-2-27 |
| Free Fall: IEC 60068-2-32 |
| Vibration: IEC 60068-2-6 |
| EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A |
| Industry: IEC61000-6-2 |
| Rail: EN50155, EN50121-4 |
| Traffic: NEMA TS-2 |

Warranty

Warranty
5 years

Dimension

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Models Available	
Model No	**Description**
Dual Fiber(Duplex)	
PG-GYF203B-MD	Multi-mode; 2Km; FC/SC/ST interfaces optional
PG-GYF203B-SD	Single-mode; 20Km; FC/SC/ST interfaces optional
PG-GYF203B-SD40	Single-mode; 40Km; FC/SC/ST interfaces optional
PG-GYF203B-SD60	Single-mode; 60Km; FC/SC/ST interfaces optional
PG-GYF203B-SD80	Single-mode; 80Km; FC/SC/ST interfaces optional
Single Fiber(Simplex)	
PG-GYF203B-MS	Multi-mode; 2Km; FC/SC/ST interfaces optional
PG-GYF203B-SS	Single-mode; 20Km; FC/SC/ST interfaces optional
PG-GYF203B-SS40	Single-mode; 40Km; FC/SC/ST interfaces optional
PG-GYF203B-SS60	Single-mode; 60Km; FC/SC/ST interfaces optional
PG-GYF203B-SS80	Single-mode; 80Km; FC/SC/ST interfaces optional