

S1103-2GE1GF-I-DC

- 低功耗：满载功耗小于3瓦
- 宽温：-40℃ - 85℃
- 宽电压：12VDC-36VDC
- 强散热：波纹式铝外壳，IP40防护



产品描述

S1103-2GE1GF-I-DC是我公司推出的工业以太网系列中的光纤收发器，提供2个千兆以太网电接口，1个千兆以太网光接口。即插即用，整机满载功率小于3瓦。产品达到EMC工业4级的防护性能，能有效地抵抗静电、雷击、脉冲的干扰；波纹式高强度铝型材外壳、IP40等级、低功耗设计、抗震的导轨安装，能工作于-40℃ - 85℃的恶劣环境。该系列产品特别适用于智能交通、能源、电力、安防等严酷工业场合，为其提供快速、可靠的通信连接。

产品特性

标准

IEEE 802.3 10Base-T
IEEE 802.3u 100Base-Tx
IEEE 802.3ab 1000Base-T
IEEE 802.3z 1000Base-X

交换特性

MAC Table: 8K
Packet Buffer: 1M
Packet Forwarding Rate: 4.464Mpps
Switching Delay: <5us

通信接口

Optical Ports: 1 1000Base-X (SFP)
Electrical Ports: 2 10/100/1000Base-T (RJ45)

前面板指示灯

Power LED: P1 P2
Interface LED: RJ45(Link&ACT)
Fiber: (Link&ACT)

电源

Power Terminal: 5-pin 3.81mm-spacing plug-in terminal block
Full load power consumption: < 3W
Overload Protection: Support
Reverse Connection Protection: Support
Redundancy Protection: Support

物理特性

Housing: Metal, fanless
Protection Class: IP40
Dimensions : 30mmx84mmx90mm(W×H×D)
Weight: 0.35kg
Mounting: DIN-Rail or Panel mounting

工业标准

EMI:
FCC CFR47 Part 15, EN55022/CISPR22, Class A
EMS:
IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (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: ±2kV/DM, ±4kV/CM; Data Port: ±2kV
IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)
IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)

机械标准

Machinery:
IEC60068-2-6 (Vibration)
IEC60068-2-27 (Shock)
IEC60068-2-32 (Free Fall)

认证

CE, FCC, RoHS

平均无故障时间

360,000 hrs

保修期

3 years

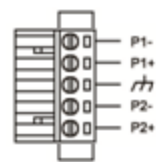
环境条件

Operating Temperature: -40 to 85° C
Storage Temperature: -45 to 85° C
Ambient Relative Humidity: 5 to 95% (non-condensing)

非管理型导轨式工业级千兆光纤收发器

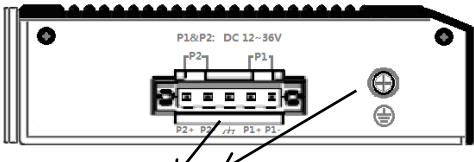
安装方式

电源接入:



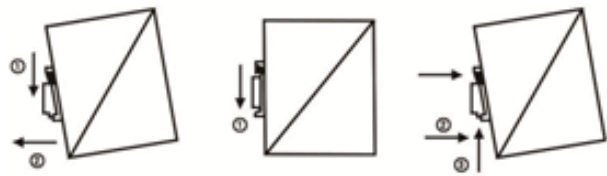
- 5pin 3.81mm端子
- 输入范围: 12V-36VDC
- P1&P2双冗余电源,
- 支持反接保护功能

接地保护:



接地柱或接地端子, 2选1

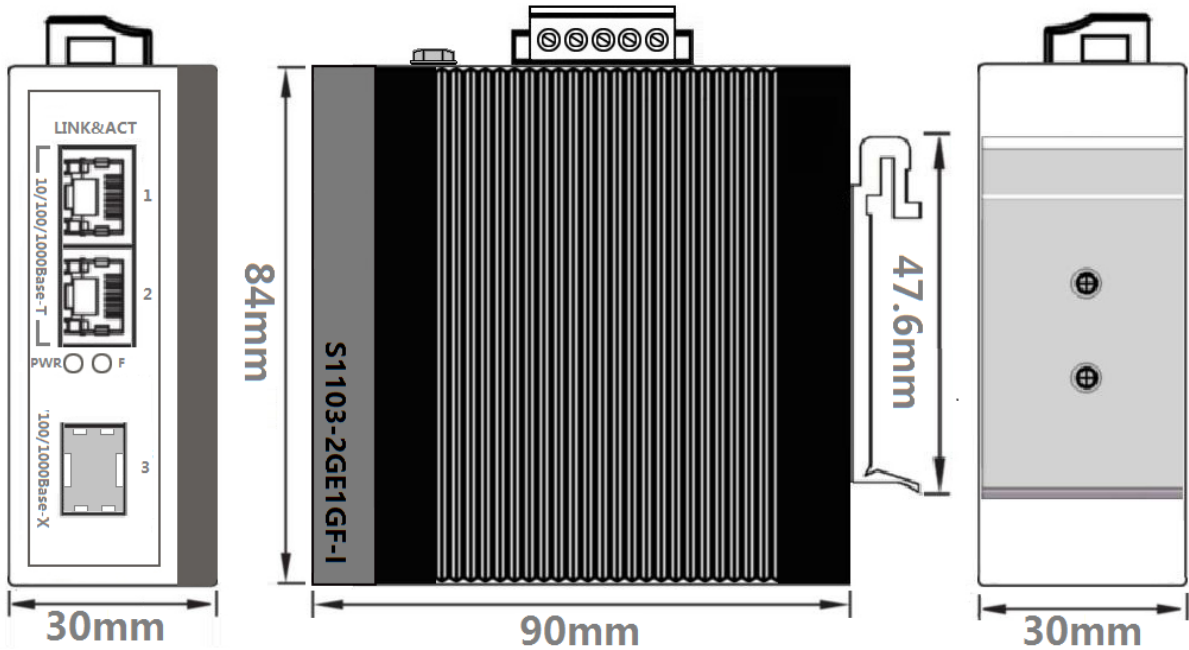
导轨安装:



壁挂安装:



产品尺寸



订购信息

产品型号	产品描述
S1103-2GE1GF-I-DC	2千兆电口+1千兆SFP光口非管理百兆工业光纤收发器, 导轨安装; 12-36VDC 供电