Specifications   GEP-6301SFPIN

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet
Switch Architecture	Back-plane (Switching Fabric): 4Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	16KB
Network Connector	1 x RJ-45 10/100/1000 Base-T(X) Auto MDI/MDI-X function, Full/Half duplex 1 x 100/1000 BaseF(X) SFP
Network Cable	UTP/STP above Cat.5e Cable
	EIA/TIA-568 10-ohm (100m)
Protocol	CSMA/CD

LED	PWR (Green): ON - Power is detected
	              OFF - Power is not detected
	TX LNK/ACT (Green): ON - TX port is detected
	            Flashing - TX data is
	                 transmitting/receiving
	SFP LNK/ACT (Green): ON - FX port is detected
	Flashing - FX data is transmitting/receiving

DIP Switch	DIP1: OFF - LFP disabled (Default)
	       ON - LFP enabled
	DIP 2: OFF - SFP speed 1000M (Default)
	       ON - SFP speed 100M
	Link Fault Pass Through (LFP) is when copper side signal lost or disconnect, fiber side link signal will actively off, when fiber side signal lost or disconnect, copper side link signal will also actively off.

Reverse Polarity Protection	Present
Overload Current Protection	Present
Power Supply	4 pin terminal block with 12V-56V VDC Power Input, Relay: Relay switch for alarm
Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A

	@24VDC, Relay in short circuit mode when power fails. in open circuit mode when power supply is connected
Power Consumption	2 W@48 VDC Without PoE
Removable Terminal Block	Provide 4 pin terminal block Wire range: 0.34mm^2 to 2.5mm^2 Solid wire (AWG):12-24/14-22 Stranded wire (AWG): 12-24/14-22 Torque:5lb-In/0.5Nm/0.56Nm Wire Strip length: 7-8mm
Operating Temperature	-40℃ to 75℃
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40℃ to 85℃
MTBF (mean time between failure)	>500,000 hrs (Telcordia (Bellcore), GB) at 50°C
Housing	Rugged Metal, IP30 Protection
Case Dimension (LxWxD) mm	103.5mmx32mmx81.5mm (LxWxD)
Installation	DIN Rail and Wall Mount options included
Certifications:	
Safety	LVD (EN62368-1)
EMC	CE, FCC, EN 55032/24
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-32