

POE-63806GFIN-12 - Specification

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 IEEE 802.3x Flow Control and Back Pressure IEEE 802.3af for PoE IEEE 802.3at for PoE+
Switch Architecture	Back-plane (Switching Fabric): 12Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	9KB
MAC Address Table Size	1K
Packet Buffer Size	1M
Network Connector	5 x RJ-45 10/100/1000BaseT(X) auto negotiation, 4 x Gigabit 30W PSE port 2 x SFP 100/1000M BaseX Auto MDI/MDI-X function, Full/Half duplex
Network Cable	UTP/STP above Cat.5e Cable
	EIA/TIA-568 10-ohm (100m)
	Fiber Cable (Multi-mode):50/125um,62.5/125um Fiber Cable (Single-mode): 9/125um
Protocol	CSMA/CD
LED	PW1 (Green): ON - Power 1 is connected PW2 (Green): ON - Power 2 is connected ERR (Amber): ON - Only PW1 or PW2 is connected OFF - Both PW1 and PW2 are connected
	TX/RJ-45 port: LNK (Green): ON - TX port is detected Flashing - TX data is transmitting/receiving

	SPD (Amber): ON - 1000M speed OFF - 10/100M speed
	Port Status (Green): ON - port is detected Flashing - data is transmitting/receiving

DIP Switch	DIP 1: F5 - Port 5 SFP (Default) T5 - Port 5 TX DIP 2: 1000M - SFP Speed 1000M (Default) 100M - SFP Speed 100M
Reserve Polarity Protection	Present
Overload Current Protection	Present
Power Supply	Redundant Dual DC 12V-56V Power Input
Power Consumption	5.76W@12/24/48 VDC full load, Without PoE
Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A @24VDC Relay in short circuit mode when 2 powers are connected. in open circuit mode when only one power supply is connected
PoE Power	PoE power per port 30watts. Maximum 36Watts per port at 12/24/48/56VDC input Maximum total power 126Watts at 24/48/56VDC power input Maximum total power 65W at 12VDC power input
Removable Terminal Block	Provide 2 Redundant power Alarm relay contact ,6 Pin 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°C~75°C fully tested

Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C~85°C
MTBF (mean time between failure)	>500,000 hrs (MIL-HDBK-217F) at 25°C
Housing	Rugged Metal, IP30 Protection
Case Dimension	142 x 42.8 x 105 mm (L x W x D)
Installation	DIN Rail and Wall Mount options included

Certifications	
Safety	LVD (EN62368-1)
EMC/EMS	CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-32
Railroad	EN50155 / EN50121-3-2
Railroad	EN50155 / EN50121-4



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