

POE-6410GIN-90bt

Specification

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3an 10GBase-T Ethernet IEEE 802.3af for PoE IEEE 802.3at for PoE+ IEEE 802.3bt Compliant with LT PoE++ Compliant Microsemi 4PPoE Compliant with 60W uPoE standard Compliant with 95W Power over HDBaseT (PoH) standard
Network Connector	1xRJ-45 10M/100M/1000M/10GBaseT(X) Data 1xRJ-45 10M/100M/1000M/10GBaseT(X) Data with 90W PoE Output Power
Network Cable	UTP/STP Cat.6a or above Cable
Protocol	CSMA/CD
LED	PW1 (Green): ON – Power is detected PW2 (Green): ON – Power is detected PoE: ON – PSE is in active mode. OFF – PSE is in idle mode.
POE Pin Assignment	Pin 1 (V-), 2 (V-), 3 (V+), 6 (V+) Pin 4 (V+), 5 (V+), 7 (V-), 8 (V-)
Reverse Polarity Protection	Present
Overload Current Protection	Present
Power Supply	Redundant Dual DC 52V-56V Power Input
Power Consumption	5W@56 VDC Without PoE
PoE Power	Maximum PoE power 90watts at 56VDC input
Removable Terminal Block	Provides 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°C to 75°C
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C to 85°C

MTBF (mean time between failure)	>500,000 hrs (Telcordia (Bellcore), GB) at 50°C
Housing	Rugged Aluminum, IP30 Protection
Case Dimension (LxWxD) mm	103.5 x 32 x 81.5 mm (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