

EP-0800GB

8 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch



- 8x Gigabit Ethernet ports with IEEE 802.3at PoE+
- Built for harsh environments and wide temperature range application
- Relay Output with Current Carrying Capacity
- IP30 housing
- DIN-Rail Mounting



Specifications

Technology

Standard

IEEE 802.3 10BaseT
IEEE 802.3u 100BaseTX

IEEE 802.3ab 1000BaseT
IEEE 802.3x Flow Control

IEEE 802.3af Power over Ethernet
IEEE 802.3at PoE+

Processing Type

Store and Forward

Switch properties

Switch Fabric	16Gbps	Packet Buffer	1.5Mbits
Priority Queues	-	MAC Table Size	4K
Jumbo Frame	-		

Interface

RJ45 Ports	8x 10/100/1000T(x) with PoE+, auto negotiation speed duplex mode, auto MDI/MDI-X	LED Indicators	Per unit: PWR1, PWR2, Fault, Ring Master, Ring State Ports: Link/Active with highest speed(Green), low speed(Amber) PoE: Output Power
Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC		
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A		

Power Requirements

Operation Voltage	48-57VDC, redundant dual inputs, >50VDC for PoE+ output recommended	Protection	Overload Current Protected, Reverse Polarity Protected
Connection	1x removable 6-contact terminal block	PoE Power Budget	Max. 180W for total PD consumption, Max. 30 W per PoE port
Power Consumption	20W without PD		

Mechanical Construction

Enclosure	Steel metal
Protection Class	IP30
Dimensions	29x140x98 mm (WxHxD)

Weight	0.8 kg
Mounting	DIN-Rail Mounting

Environmental Limits

Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F) For 10G SFP+: -40 ~ 60°C (32°F ~ 140°F)
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Ambient Relative Humidity	5 to 95%, (Non-Condensing)
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Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
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Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
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Shock	IEC60068-2-27
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EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
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Vibration	IEC60068-2-6
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Green	RoHS Compliant
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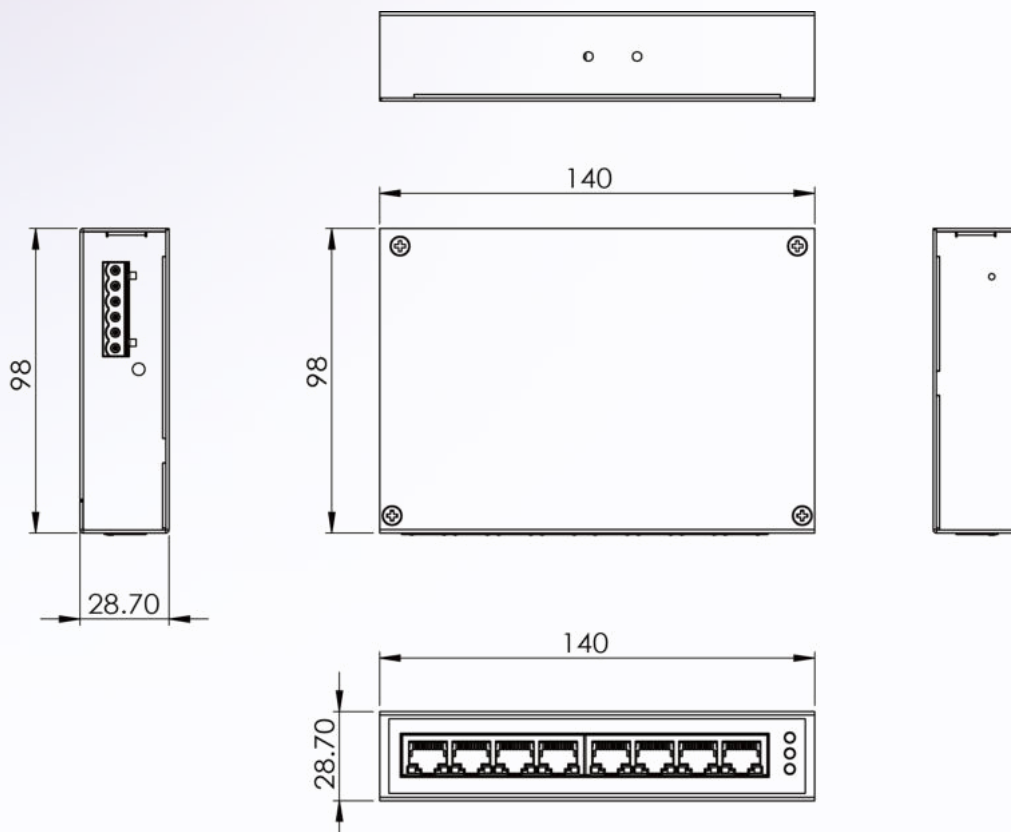
Certifications	EN 50121-4
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MTBF	>100,000 hours
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Free Fall	IEC60068-2-32
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Warranty	5 Years
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Dimensions (unit = mm)



Ordering Information

Available Models

EP-0800GB-T 8 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch
- 8x 10/100/1000T(x) with 30W PSE
- Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-240-48 240W Industrial DIN-Rail Power Supply, 48VDC (metal case)

NDR-480-48 480W Industrial DIN-Rail Power Supply, 48VDC (metal case)