ES-0800GD

8 Port Industrial Unmanaged Gigabit Ethernet Switch

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

Specifications

Technology

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow Control
Processing Type	Store and Forward

Switch Properties

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

Interface

RJ45 Port	8x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
LED Indicators	**Per unit:** PWR1, PWR2, Fault **Ports:** Link/Active with highest speed(Green), low speed(Amber)
Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC

Power Requirements

Operation Voltage	12-48VDC, redundant dual inputs
Connection	1x removable 6-contact terminal block
Power	0.14A@24VDC

Consumption

Protection	Overload Current Protected, Reverse Polarity Protected

Mechanical Construction

Enclosure	SECC
Protection Class	IP30
Dimensions	29x140x98 mm (WxHxD)
Weight	0.75 kg
Mounting	DIN-Rail Mounting

Environmental Limits

Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)

Regulatory Approvals

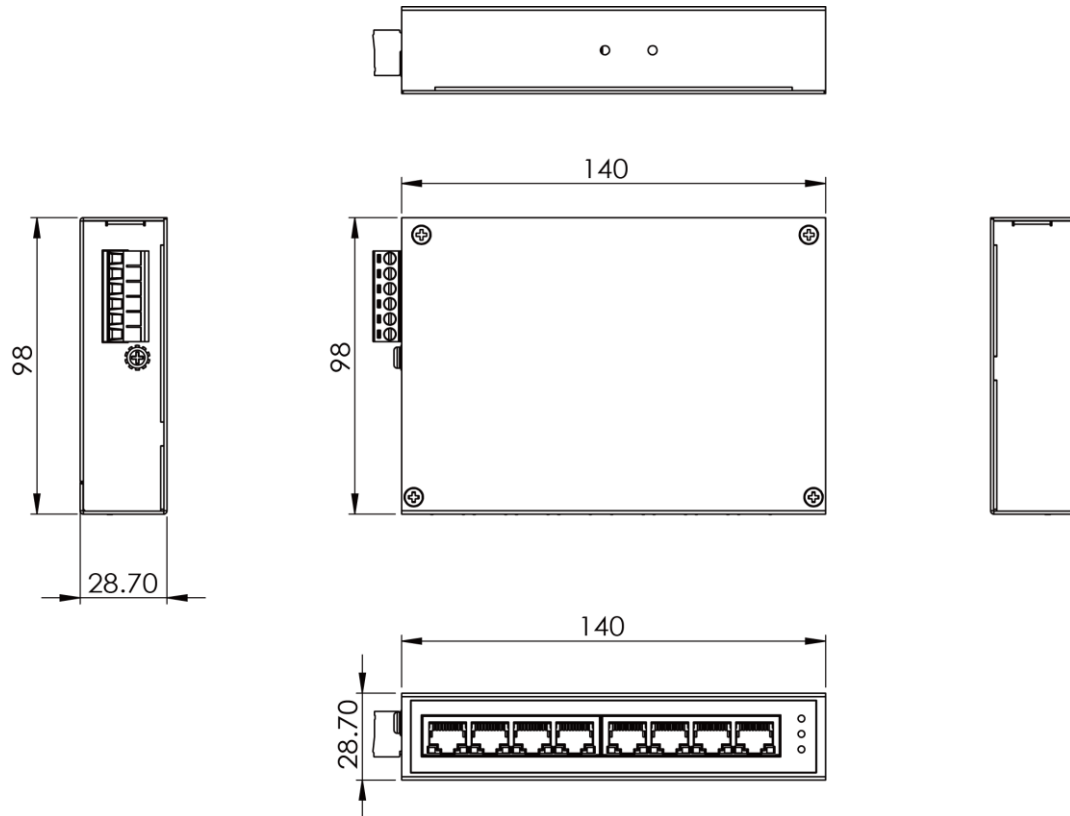|	
EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)

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Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant

Certifications	IEC 61000-6-2 IEC 61000-6-4
MTBF	>100,000 hours
Warranty	5 Years

Features with star(*) implies those are under development.
In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

Dimensions (unit = mm)

Ordering Information

ES-0800GD-T
8 Port Industrial Unmanaged Gigabit Ethernet Switch
- 8x 10/100/1000T(x)
- Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-75-24	75W Industrial DIN-Rail Power Supply, 24VDC (metal case)
NDR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC (metal case)