



Model ETGT9ES1 9-Port Industrial Ethernet Switch

This Ethernet Industrial Switch is designed to operate in rugged environments- hot, cold, through power brown-outs and spikes. It's right at home in factory applications. It automatically determines and remembers where an Ethernet device is located and routes the messages only through the appropriate port minimizing network loading and enables true deterministic communications over the Ethernet.

Features

- Nine Real-time 10BaseT/100BaseTx ports (RJ45)
- Auto-detecting 10/100 Mbps operation
- Industrial rated -40 to 85 °C operation
- UL 508, CSA, and CE rated
- Certified for marine and offshore use by DNV
- DC powered - No bulky adapters
- DIN rail or direct panel mounting
- Plug and play operation
- Supports ALL IEEE 802.3 Ethernet protocols

Specifications

Ethernet switch type:	Unmanaged, store & forward
RJ45 ports (shielded):	10/100BaseT(x)
RJ45 speed (auto-negotiating):	10 Mbps or 100 Mbps
Ethernet protocols supported:	All standard IEEE 802.3
Broadcast storm protection:	5% of bandwidth
Memory bandwidth:	2.0 Gbps
Completely compliant:	IEEE 802.3 & IEEE 802.3u
Full or half duplex operation:	Auto-sensing
MAC addresses supported:	1K (automatic learning, aging, and migration)
Ethernet isolation:	1200 VRMS 1 minute
Required supply voltage:	10-30 VDC
Power consumption (typical):	4.0 W
Operating and storage temp.:	-40 to 85 °C
Humidity (non-condensing):	5 to 95% RH
Flammability:	UL 94V-0 materials
Electrical safety:	UL 508, CSA C22/14; EN61010-1 (IEC1010)
EMI emissions:	FCC part 15, ICES 003, EN55022, Class B
EMC immunity:	EN61326-1 (EN61000-4-2, 3, 4, 6)
Surge withstand:	IEEE-472 (ANSI C37.90)
Vibration:	IEC68-2-6
Hazardous locations:	UL 1604, CSA C22.2/213 (Class 1, Div. 2), Cenelec EN50021 (Zone 2)

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