

Industrial Ethernet Switch CE

Model ETGT5ES1

Overview

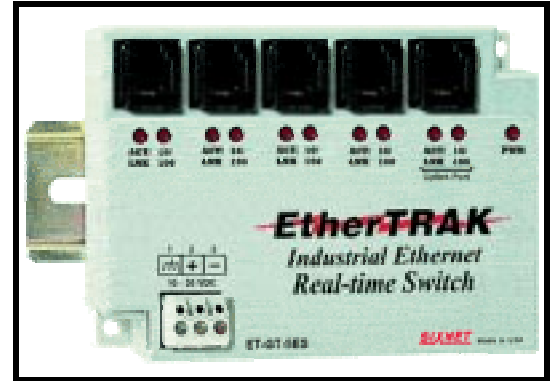
Select the ETGT5ES1 when you need an Ethernet active switch rated for tough industrial environments and designed to work on the hottest and coldest days.

The ETGT5ES1 is extremely easy to install and operate because no user configuration is required. Once the Ethernet connections are made and the unit is powered up it will immediately begin to operate.

Unlike an Ethernet hub that broadcasts all messages out all ports, the ETGT5ES1 will intelligently route Ethernet messages out the appropriate port only.

The major benefits of this are increased bandwidth, reduction or elimination of message collisions and, when tied with real-time systems, deterministic results.

The ETGT5ES1 supports both 10BaseT (10Mbps) and 100BaseTx (100Mbps). Each port will independently auto-sense the speed allowing you to interface to regular or fast Ethernet devices.



Features

- Real-Time 10BaseT/100BaseTx auto-detecting operation
- Industrial rated -40° to 185°F (-40° to 85°C)
- UL 508, CSA and CE rated
- DC powered - No bulky adapters
- DIN rail or direct panel mounting
- Plug-and-Play operation
- Works with all Ethernet devices
- Tough enough for Class I, Div. 2 (Zone 2) hazardous locations

Specifications

Number of Ethernet ports	Five 10/100BaseT(x)
5th Ethernet port	Uplink (cross-wired) port
Broadcast storm protection	Yes
Memory bandwidth	1.4 Gbps high performance
Completely compliant	IEEE 802.3 & 100 BaseTx
Auto-sensing operation	Full and half duplex
Auto-negotiating	10BaseT and 100BaseTx
Ethernet port type	Shielded RJ45
Ethernet isolation	1200 VRMS 1 minute
Required supply voltage	10-30 VDC
Power consumption	1.9 watts (typical)
Operating temperature range	-40° to 185°F (-40° to 85°C)
Humidity (non-condensing)	5 to 95 % RH
Flammability	UL 94V-0 materials
Electrical safety	UL 508, CSA C22/14; EN61010-(IE1010), CE
EMI emissions	FCC part 15, ICES-003, Class A; EN5522, CE
EMC immunity	EN50082-1 (IEC801-2, 3, 4), CE
Surge withstand	IEEE-472 (ANSI C37, 90)
Vibration	IEC68-2-6
Hazardous locations	UL 1604, CSA C22.2/213 (Class I, Div. 2), Cenelec EN50021 (Zone 2)
Dimensions	4.8 x 3.2 x 1.7 in (12.1 x 8.1 x 4.2 cm)

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