



EFTT1003, 100BaseTX Fault Tolerant Transceiver

EFTT1003 with its fault tolerant function has been engineered for use in applications where connectivity integrity is crucial. This makes this unit ideal for medical, banking, industrial control, telecommunications, nuclear installations, security, law enforcement and military applications where network signal integrity is essential.

Features & Benefits

Ensures connection even if a segment is damaged or sabotaged.

User selectable configuration, EFTT1003 to EFTT1003 or EFTT1003 to Hub.

Intelligent unit detects both loss of link pulse and loss of data.

User selectable Hunt or No Hunt.

User selectable half duplex/full duplex.

Two power supply jacks for redundant power supply.

Cross over switch on all three RJ45 connectors.

Compact rugged steel enclosure.

Designed & manufactured in the USA.

Product Description

EFTT1003 Fault Tolerant Transceiver (FTT) has an RJ45 to connect to the network device and two RJ45s for user selectable primary and secondary cable segments.

The FTT hunts between these two segments to ensure that data can be transmitted at all times because the user has now added a fault tolerant redundant path. These two segments can be connected to a second EFTT1003 or to two ports of a standard 100BaseTX Hub, 10/100TX Hub or Switch. The added insurance of dual power supply inputs makes the EFTT1003 the first choice of MIS professionals with critical applications.

The user selectable parameter options, half or full duplex, segment A or B priority, hunt or no hunt & transceiver to transceiver or transceiver to hub. These make this unit exceptionally flexible and ideal for many different applications.

Power supplies are available for ether 110 VAC or 230 VAC.

Monitoring of the unit is simple with a complement of 10 LEDs that display LK (link) and REC (receive) on each RJ45, ENBL (enable) on segments A & B, global COL (collision) and PWR (power).

Each RJ45 connector has its own crossover switch allowing installation with standard twisted pair cables and eliminating the need for bothersome cross over cables.

Technical Specifications - EFTT1003

> Network Standards	Ethernet IEEE 802.3
> Speed	100 Mbps (Half duplex) 200 Mbps (Full duplex)
> Power Requirements	Input Voltage: 110- 240 VAC Output Voltage: 12 VDC, 1.0 amp 24Vdc supply for EFTT1003-24V version
> LEDs	Total 10, 1 for Power , 1 for Collision , 2 for each connector displaying Link & Receive and Enable for segment A & B.
> Switch	3 Cross over - 1 for each RJ45 Connector. 4 position DIP: <ul style="list-style-type: none"> • Unit to Unit / Unit to Hub. • Half / Full Duplex. • Hunt / No Hunt. • Priority Segment A / B.
> Weight	2 lbs. (1 kg) including power supply
> Dimensions (not including mounting flange) Environmental	5.25" x 4.8" x 1.2" (13.4 cm x 12.4 cm x 2.7 cm)
> Environmental	Operating Temperature: 32 to 122F (0 to 50 C) Storage Temperature: -4 to 140F (-20 to 60 C) Relative Humidity: 5% to 90% (non-condensing)
> Connectors	3 Fully Shielded RJ45 connectors. 2 DC Power Jacks For 24Vdc version, power terminal blocks.
> Cabling	UTP Category 5e, maximum cable distance 100 meters
> EMI & Safety	EMI FCC Class A. CE
> Warranty	5 years

Ordering Information

EFTT1003	100TX Fault Tolerant Transceiver with 110-240Vac power supply
EFTT1003-24V	100TX Fault Tolerant Transceiver with 24Vdc input.

Ordering Hotline & Technical Support - TEL: (510) 440 - 0242 info@ethercom.com



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