Weed Instrument Fiber Optics

EOTec 2000 Ethernet

2E51 Media Converter

The 2E51 Media Converter Module provides fiber optic conversion to and from 10 BASE-T Ethernet to multi-mode optical power, conforming to the specifications of standards IEEE 802.3 and ISO/IEC 68802.3. The 2E51 does not require an EOTec 2000 power supply module for operation. Power connections located on screw terminals at the top of the module accept a nominal 24Vdc.
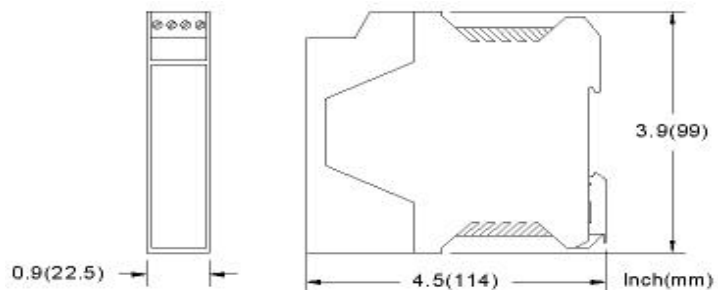
The 2E51 will continuously check boht the fiber and the Ethernet ports and provide visual (LED) indications of link status. Additionally the auto polarity connection circuit will detect and correct a pair of incorrectly connected receiver wires at the Ethernt port.

SPECIFICATIONS

Mechanical:

Mounting: 35mm DIN Rail

Weight: < 6oz (170g)

3.9(99)

0.9(22.5)   4.5(114)   Inch(mm)

Power Requirements: 10 to 30 @ 200mA, via the Pluggable Cage-Clamp Screw Terminal Block

Communications Data: 10 BASE-T (10 Mbps)

Optical Port
    Wavelength : 850nm, Multi-Mode
    Connection: ST* Compatible
    Dynamic Range: 12dB utilizing 62.5/125µm Fiber

Status Indicators: Green LED, Power
    Ethernet Port: Yellow LED, Receive Data
        Green LED, Functional Link
    Optical Ports: Yellow LED, Receive Data
        Green LED, Functional Link

Ambient Conditions: 0° to 55°C Operating Temperature
        30 to 90% Relative Humidity, Non-Condensing

* ST is a registered trademark of AT&T

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