Weed Instrument
Fiber Optics

EOTec 2000

2C10 Electrical Interface Module

The 2C10 Module provides RS-232 or RS-485 communications protocol electrical interface conditioning for data transmission over the fiber optic network. The module can be selected to support either point-to-point RS-232 or multi-drop RS-485 half-duplex communications.
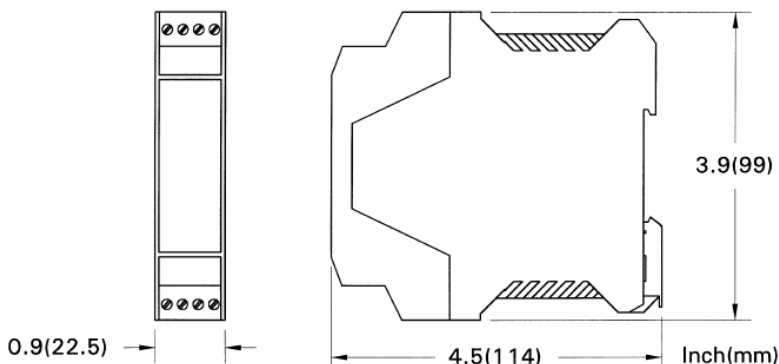
The simplest modem configuration consists of a Power Supply, an Electrical Interface, and an Optical Interface Module. However, additional modules may be added to configure Daisy Chain, Star, Self-Healing Ring topologies and provide Redundancy. A maximum combination of five optical or electrical modules may be connected together in one modem, inter-module communications and operating power is achieved through the integrated module interconnections.

SPECIFICATIONS

Mechanical:

    Mounting: 35mm DIN Rail

    Weight: < 9 oz (250g)

3.9(99)

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

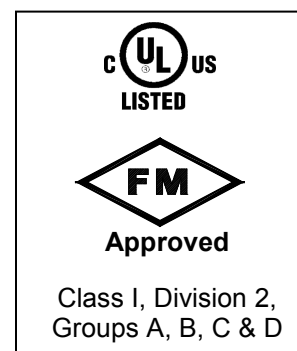|	
Communications Data Rate:	RS-232, 9.6K to 115.2K Baud RS-485, 9.6K to 230.4K Baud
Copper Cable Connector:	Pluggable Screw Terminal Block 12 to 24 AWG Cage-Clamp
Copper Cable End Termination:	RS-232, none required RS-485, External (user supplied), based on cable specifications
Maximum Devices and Copper Cable Length Supported per Module:	RS-232, 1 Device, 50 feet (15m) RS-485, 30 Devices, 2000 feet (600m)
Power Indicator:	Green LED
Communications Activity Indicator:	Amber LED
Ambient Conditions:	-40°C to 85°C Operational 0 to 95% Relative Humidity Non-Condensing

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FM
Approved

Class I, Division 2, Groups A, B, C & D

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