

2C10 RS-232 or RS-485 Electrical Interface Module



The 2C10 Module provides RS-232 or RS-485 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 at baud rates up to 230K.

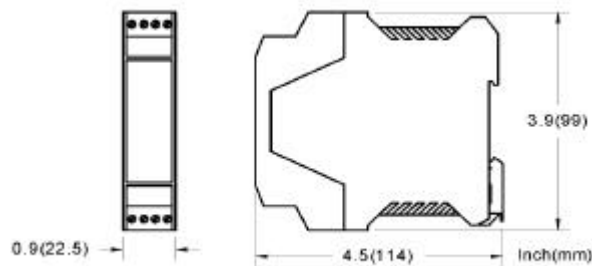
The simplest modem configuration consists of a Power Supply, an Electrical Interface, and an Optical Interface Module. However, additional modules may be added to configure Daisy Chain, Star, Self-Healing Ring topologies and provide Redundancy. A maximum combination of five optical or electrical modules may be connected together in one modem, inter-module communications and operating power is achieved through the integrated module backplane connections.

SPECIFICATIONS

Mechanical:

Mounting: 35mm DIN Rail

Weight: < 9 oz (250g)



Baud Rate: 9.6K to 230K Baud half-duplex

Copper Cable Connector: Pluggable Screw Terminal Block
12 to 24 AWG Cage-Clamp

Copper Cable End Termination: External (user supplied), based on cable specification

Maximum Devices and Copper Cable Length Supported per Module: 1 Device, 50 feet, RS-232
30 Devices, 4000 feet, RS-485

Power Indicator: Green LED

Communications Activity Indicator: Amber LED

Ambient Conditions: -40 to 85°C Operational Temperature Range
0 to 90% Relative Humidity Non-Condensing

