



2C22 Electrical Interface Module



The 2C22 Module provides electrical interface to the PROFIBUS-DP Protocol by conditioning the electrical signals supplied to and from the PROFIBUS wire-cable network for transmission over fiber optic cable.

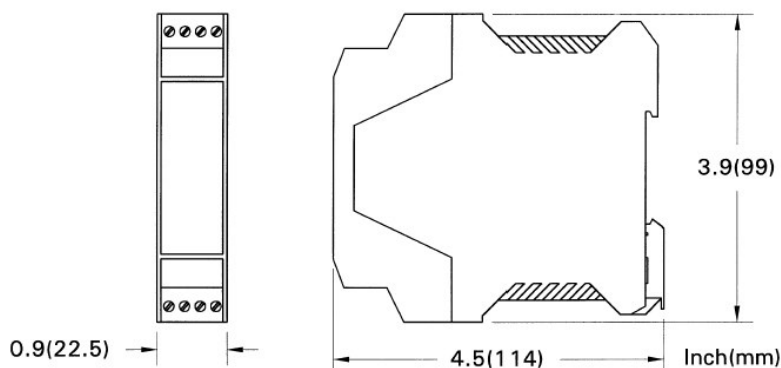
The basic modem configuration consists of a Power Supply, an Electrical Interface, and an Optical Interface Module. Additional modules may be added to configure Daisy Chain, Star, Self-Healing Ring topologies and provide redundancy. A maximum combination of five optical or electrical modules may be connected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

SPECIFICATIONS

Mechanical:

Mounting: 35mm DIN Rail

Weight: < 9oz (250g)



Power Requirements:

7.5Vdc @ 200mA max, via the BUS interconnections
(any of the EOTec 2000 power supply modules)

PROFIBUS Conformance:

Conforms to PROFIBUS-DP wire-cable network specifications and requirements

Data Rates

(Auto negotiated):

9.6K, 19.2K, 45.45K, 93.75K, 187.5K, 500K, 1.5M, 3.0M, 6.0M and 12.0M bps

Wire-Cable Connection:

Unit has a standard PROFIBUS 9-pin D-sub female connector

Maximum Nodes/Wire Length:

Conforms to PROFIBUS wire-cable specifications,
all PROFIBUS requirements for wire-cable networks apply

Fiber Optic Compatibility:

Proprietary fiber network, conformity with other manufacturer's products is neither expressed nor implied

LED Indicators:

Power - Green
Communications activity - Amber

Ambient Conditions:

-40°C to 85°C Operational
0 to 95% Relative humidity non-condensing

