

## 2C29 Electrical Interface Module



The 2C29 Module provides electrical interface for Modicon Modbus Plus™ by conditioning the electrical signals supplied to and from the Modicon equipment for transmission over the fiber optic network.

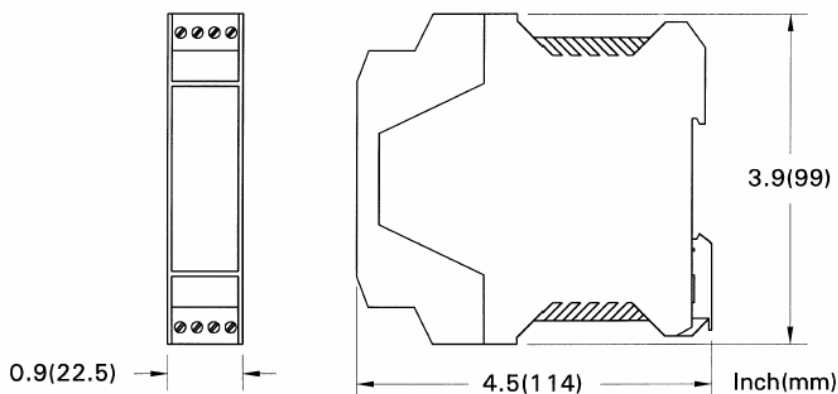
The simplest modem configuration consists of a Power Supply, an Electrical Interface, and an Optical Interface Module. However, additional modules may be added to configure Daisy Chain, Star, Self-Healing Ring topologies and provide Redundancy. A maximum combination of five optical or electrical modules 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 )



#### Baud Rate:

1.0M Baud

#### Copper Cable Connector:

Standard ModBus Plus Connector (DB-9F)  
(Compatible w/Schneider P/N AS-MBKT-085 or AS-MBKT-185)

#### Maximum Devices and Copper Cable Length Supported per Module:

32 Devices, 1500 feet

#### Cable End Termination:

External, 120 Ohm, user supplied at both ends of any wire cable segment

#### Power Indicator:

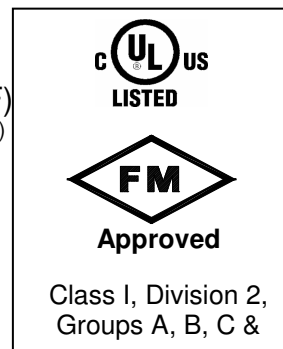
Green LED

#### Communications Activity Indicator:

Amber LED

#### Ambient Conditions:

-40 °C to 85 °C Operational  
0 to 95% Relative Humidity Non-Condensing



Modicon Modbus Plus is a trademark of Groupe Schneider



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Rev. 11/06  
Pub: RM0900598