



## 2C30 Self-Healing Ring Module



The Patented 2C30 Self-Healing Ring Module provides fiber media redundancy when utilized in each node or drop of a fiber optic ring-network. The 2C30 device detects and redirects data to the secondary fiber path when a break in the fiber occurs between two adjacent nodes. The 2C30 automatically resets when the fiber path has been restored. Visible LED indicators in conjunction with relay contacts provided local and remote monitoring of the integrity of the fiber optic network.

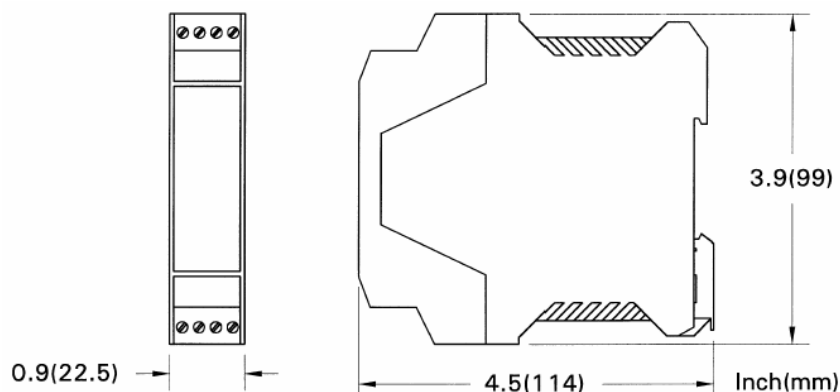
The configuration of a Self-Healing Ring modem consists of a Power Supply, an Electrical Interface, a Self-Healing Ring and two Optical Interface Modules. Inter-module communications and operating power is achieved through the integrated module interconnections.

### SPECIFICATIONS

#### Mechanical:

Mounting: 35mm DIN Rail

Weight: < 9 oz ( 250g )



Communication Rates: 9.6K to 2M Baud

#### Status Indicators:

##### Dual Color LEDs:

Green:

Functional Optic Link

Red:

Broken Fiber/Non-Functional Optic Link

Relay Contact Rating:

175VDC, 0.25A Switching, 1 A Continuous

Relay Connection:

Pluggable, Screw Terminal Block

12 to 24 AWG Cage-Clamp

#### Ambient Conditions:

-40°C to 85°C Operational

0 to 95% Relative Humidity Non-Condensing



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

