

## 2F50 Self Healing Ring Media Converter



The 2F50 Self-Healing Ring Media Converter Module connects to the 2R50 Self-Healing Ring Hub and performs the conversion from 10 BASE-T Ethernet to multi-mode optical fiber, conforming to the specifications of standards IEEE 802.3 and ISO/IEC 68802.3.

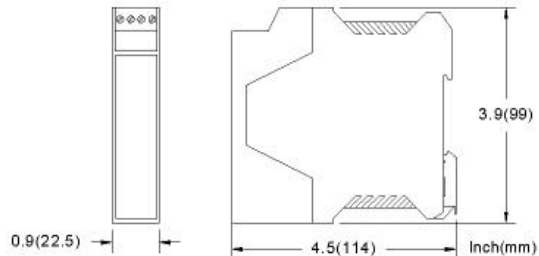
The 2F50 will continuously check both the fiber and the Ethernet ports and provide visual (LED) indications of Link status. Additionally, information on the status of the Optical Receive port is passed to the 2R50 Self-Healing Ring Hub to provide local and remote indication of fiber link failure.

### SPECIFICATIONS

#### Mechanical:

Mounting: 35mm DIN Rail

Weight: < 6oz ( 170g )



Power Requirements: Power is supplied via the BUS interconnections from a Model 2A50 Power Supply or the Model 2R50 Self-Healing Ring Hub

Optical Wavelength: 850nm, Multi-Mode

Communications Data: 10 BASE-T (10 Mbps)

Optical Port Connection: ST\* Compatible

Optical Dynamic Range: 12dB utilizing 62.5/125mm Fiber

Status Indicators:  
Ethernet Port: Green LED, Power  
Yellow LED, Receive Data  
Green LED, Functional Link

Optical Ports:  
Yellow LED, Receive Data  
Green LED, Functional Link

Ambient Conditions:  
-40°C to 80°C Storage  
0°C to 55°C Operational  
30 to 95% Relative Humidity Non-Condensing



\*ST is a registered trademark of AT&T



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