

## 2E57 Switched Media Converter



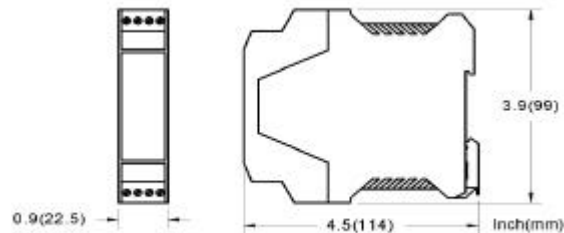
The 2E57 Switched Media Converter Module provides fiber optic conversion to and from wire based Ethernet. The Fiber port operates at 100Mbps and the RJ45 port will auto-negotiate its data rate between 10/100Mbps, Full/Half duplex operation. The 2E57 will automatically learn the addresses of the devices connected to each port (up to 1024) and will buffer and route messages accordingly.

Visual (LED) indicators display the status of all ports/links. There is an additional Ethernet port in the module's integrated BUS interconnections. This BUS port provides connection for one additional EOTec 2000 Ethernet Switch or Switched Media Converter Module assisting in forming star or daisy chain network configurations.

### SPECIFICATIONS

**Mechanical:**

Mounting: 35mm DIN Rail  
 Weight: < 6oz ( 170g )



Power Requirements: 10 to 30Vdc @ 200mA, via pluggable cage-clamp screw terminal block

Ethernet Compliance: IEEE 802.3(U)(X) Compliant, All standard protocols

**Data Rates**

RJ45 Port: 10 or 100Mbps (10/100Base-T(X)), Full Duplex, Automatic wiring correction  
 Fiber/BUS Port: 100Mbps (100Base-T(F)X), Full Duplex

**Optical Port**

Wavelength: 1300nm  
 Connectors: SC compatible  
 Fiber Type/Size: Multi-Mode fiber; 50 to 100µ core diameter  
 Dynamic Range: 9dB

**Status Indicators**

Power:	Green LED;	On when proper power is connected
Port Activity:	Green LED;	Off when no connection is detected on port On with connection to port established Flashing to indicate activity on port
Port Speed (RJ45):	Amber LED;	Off when data rate is 10Mbps On when data rate is 100Mbps

**UL 1604  
Class 1, Div. 2**

Ambient Conditions: -40°C to 85°C Operational  
 5 to 95% Relative Humidity Non-Condensing

