

## 2E62 Switched Media Converter Expansion Module

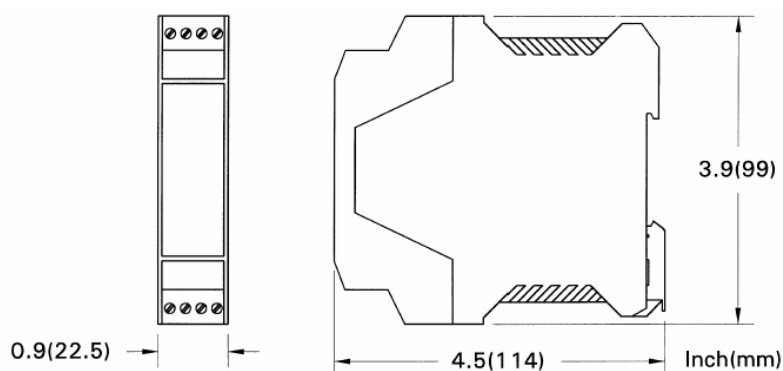


The 2E62 Switched Media Converter Module provides fiber optic conversion to and from wire based Ethernet. The Fiber port operates at 100Mbps and the RJ45 port will auto-negotiate its data rate between 10/100Mbps, Full/Half duplex operation. The 2E62 will automatically learn the addresses of the devices 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 Interconnection Bus. This Bus port provides connection for **one** additional EOTec 2000 Ethernet product such as the 2104 Ring Switch and assts in forming star or daisy chain network configurations.

### SPECIFICATIONS

#### Mechanical:

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



Power Requirements:	7.5Vdc @ 200mA, via the Interconnection Bus (A compatible EOTec 2000 Power Supply Module or 2104 Ring Switch)	
Ethernet Compliance:	IEEE 802.3(U)(X) Compliant, All standard protocols	
Wire Connection Ports	10 or 100Mbps (10/100Base-T(X)), Full or Half Duplex, Auto-negotiating, 328ft/100m	
RJ45 Port:	100Mbps (100Base-TX), Full Duplex, connection to one additional module maximum	
BUS Port:		
Optical Ports	1300nm	
Wavelength:	100Mbps (100Base-FX), Full Duplex	
Data Rate:	SC compatible	
Connectors:	Single-Mode fiber; 5 to 10µm core diameter	
Fiber Type/Size:	Power out -3dBm, Receive sensitivity -36dBm, 37mi/60km	
Dynamic Range:		
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
Ambient Conditions:	-40°C to 85°C Operational 0 to 95% Relative Humidity Non-Condensing	

