

**Profibus Multi-Drop Self-Healing Ring Fiber Optic Modem  
One Channel Multi Protocol Bi-Directional Data**



### **Product Description**

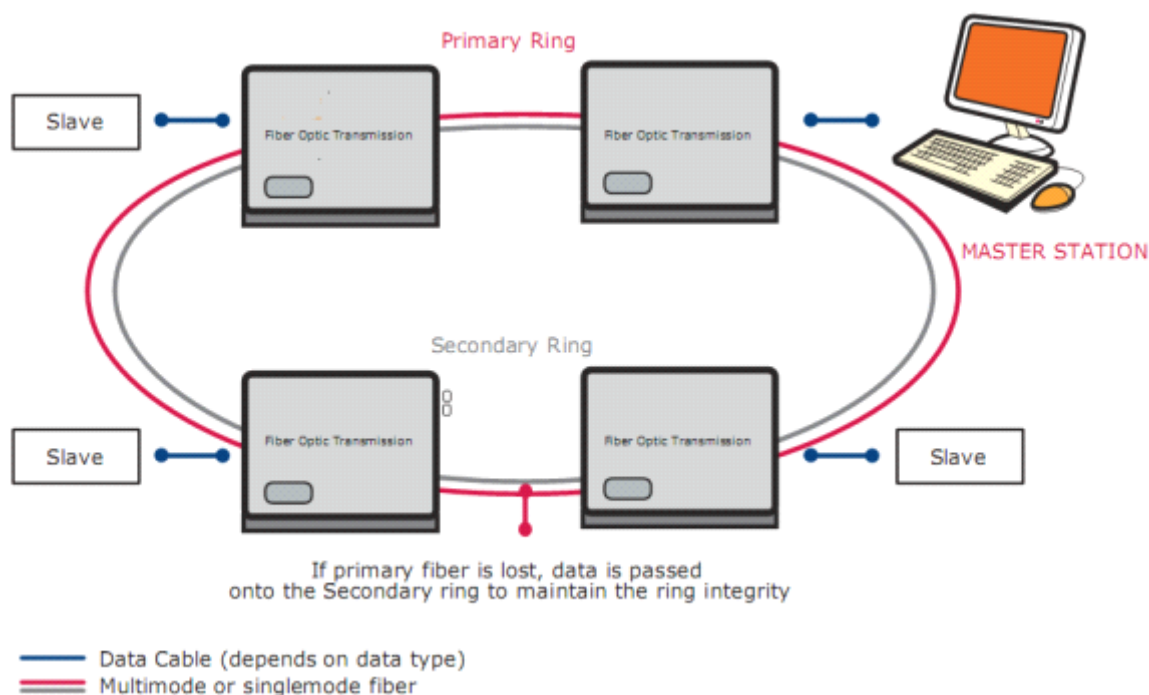
The Multi-Drop Self-Healing Ring Transmission series products provide an optical self-healing ring network for Profibus data interfaces over two multimode or singlemode optical fibers. The system offers maximum reliability as it can recover simultaneous faults or failures in two different locations and has contact closure outputs on each module to clearly indicate any fault location. The self-healing ring consists of two opposing data paths, ring A and ring B. Under normal operation only the primary path (ring A) is used for data transfer. If a fault is detected, the data is transferred to the secondary path (ring B) without interruption to the communications network.

The series is available in wall mount, DIN rail or 2U chassis card.

### **Product Features**

- ◆ Multimode and singlemode solutions
- ◆ Contact closure alarm outputs per station
- ◆ Single or dual fibre configurations
- ◆ Wall mount, DIN rail and 2U chassis card

### **Typical System Configuration**



## Specifications

<b>Data</b>	
Data Formats	Siemens Profibus,RS-485
Profibus Data Rate	1.5Mbps
Bit Error Rate	<1 x 10 <sup>-12</sup>
<b>Connectors</b>	
Data	Screw Block Terminal
Fiber	ST, SC or FC (ST fitted as standard)
<b>Environmental</b>	
Operating Temperature	-30C---+70C
Storage Temperature	-40C---+90C
Operating Humidity	0-95%
MTBF	>100,000 Hours
<b>Optical</b>	
Fiber	Multimode or Singlemode
Wavelength	MM: 850nm,SM: 1310nm
Number of fibers	4 or 2(WDM,Bi-Di)
<b>POWER</b>	
Power Input	AC 220V 110v or DC+110V +5V +12V +24V +48V Option
<b>Mechanical</b>	
Dimensions	125(L)×110(W)×36(H)Wall Mount & DIN Rail