



Modbus Router /B

Intelligent Modbus to EtherNet/IP Router

Route Modbus to Logix

Modbus-TCP

Modbus-RTU

RS232 or RS485

Logix USB Support

Router Redundancy

Direct-to-Tag Technology

Device Level Ring

Built-In Packet Analyser

DIN Rail Mount

The Modbus Router provides intelligent data routing between Logix controllers/PLCs and Modbus devices via Modbus-RTU (RS232 / RS485) or Ethernet Modbus-TCP. The Router can operate as either a Modbus Master (Scheduled Mode) or Modbus Slave (Reactive Mode).

Communication with a Logix controller (e.g. ControlLogix or CompactLogix) can be via EtherNet/IP or USB. Direct-to-Tag technology enables the module to exchange data directly with Logix Tags, thus requiring no Logix programming.

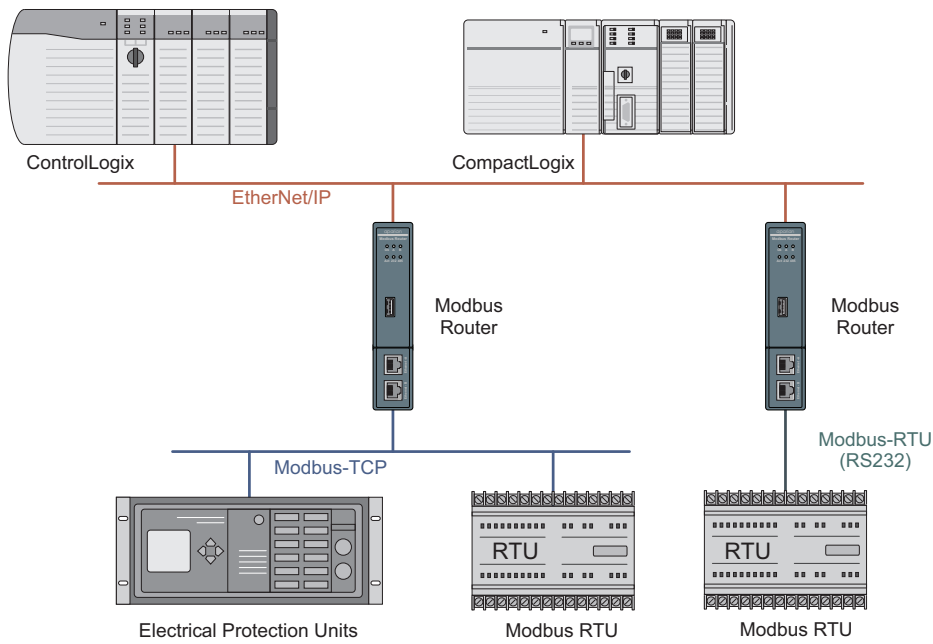
When using USB, a redundant system can be configured using one Router for each Logix controller. Only the Router connected to the Primary Logix controller will respond to the Modbus-TCP requests.

The Modbus Router also supports the MicroLogix and SLC500 platforms.

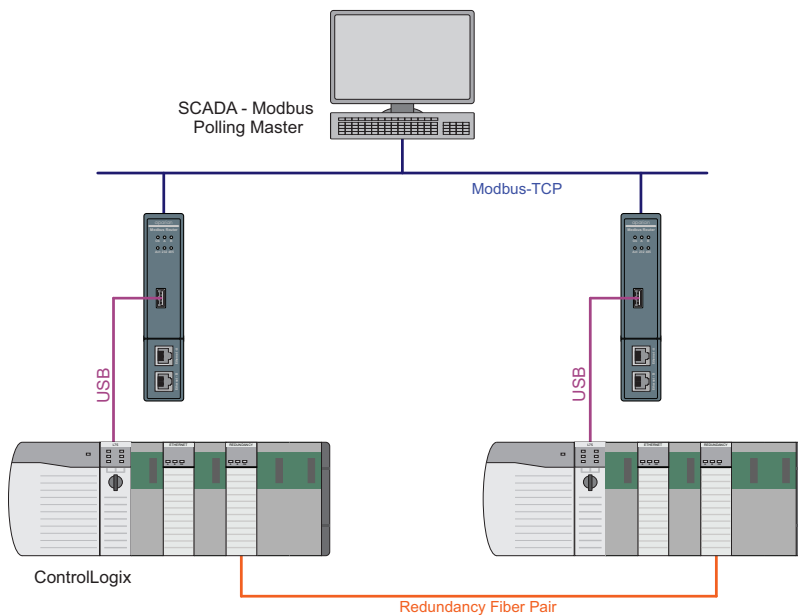
The module hosts two Ethernet ports which can be configured in a Device Level Ring or Linear topology.



Network Architecture:- Scheduled Mode



Network Architecture: - Reactive Mode (with Redundancy)



Specifications

Parameter	Rating
Power requirements	10 - 32 VDC (121mA @ 24VDC)
Operating temperature	-20 - 70 °C
Serial Isolation	RS232: 1000 Vdc RS485: 1500 Vrms
BAUD Supported	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200
Modbus Protocol	TCP, RTU (RS232 or RS485)
Ethernet	10/100 Mbps, Full/Half Duplex, Auto-MIDX, DLR
Logix controller max	3
Mapping item max	100

EtherNet/IP™



Modbus Router A-MBR/B

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