MB-GATEWAY Modbus TCP/IP to RTU Gateway

MB-GATEWAY

\$262.00

AutomationDirect's MB-GATEWAY is a single port Modbus Gateway module that converts Modbus TCP to Modbus RTU. It supports up to 12 simultaneous Modbus TCP Client (master) Ethernet connections, and up to 128 RTU Server (slaves) serial connections. MB-GATEWAY requires 10VDC to 36VDC from an external power supply. Each module has one RJ45 10/100 Mbps Ethernet port and one RS-422/485 2 or 4-wire serial port. It supports NetEdit* or Web Browser based configuration tools.

Key features

- Automatic read function
- RJ45 10/100 Mbps Ethernet port
- RS-422/485 2 or 4 wire serial port
- Supports NetEdit* and Web browser configuration tools
- Auto detects Ethernet cable types (MDI/MDX)
- 35 mm DIN rail mount



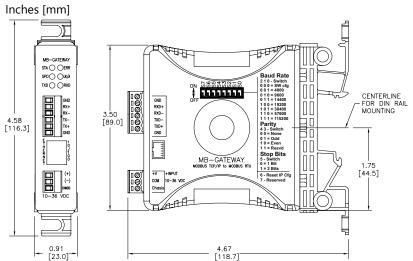


*NetEdit version 3.8 or later is required to support MB-GATEWAY.

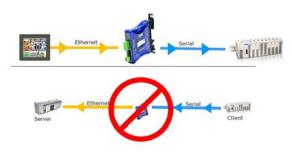
Specifications				
Ethernet Interface	Port	RJ-45		
	Speed	10/100 Mbps		
	Protection	Built-in 1.5 KV magnetic isolation		
	Protocol Supported	Modbus TCP/IP Server (Slave)		
	Clients (Masters) Supported	12 simultaneous Modbus TCP connections		
	Cable Type	Auto detects Ethernet cable types (MDI/MDX)		
Serial Interface	Port	6-position terminal strip (Phoenix #1863194) provided		
	Supported Signal Lines	RS-422 (5-wire) Signals: TX+, TX-, RX-, RX+, GND RS-485 (3-wire) Signals: Data+, Data -, GND		
	Supported Baud Rates	300*, 600*, 1200*, 4800, 9600, 14.4k, 19.2k, 38.4k, 57.6k, 115.2k *Cannot be set with DIP switches. Must be set via Web browser configuration.		
	Parity	Odd, Even, None		
	Data Bits	8		
	Stop Bits	1, 2		
	Protocol Supported	Modbus RTU Client (Master)		
	Servers (Slaves) Supported	128		
	Termination	Permanently installed 120Ω resistor between Data+ and Data -		

Specifications 2W Use Class 2 power supply Use conductors rated 60/75°C **Power Consumption** 3-position terminal strip (Phoenix #1863165) provided 16–28AWG Solid or Stranded Conductor Wire Range (1.5 mm2) Wire Strip Length 0.24-0.27 in [6-7 mm] Screw Torque 1.7 lb-in [0.2 N·m] **Operating Temperature** 0 to 60°C [32 to 140°F] Range Storage Temperature -20 to 70°C [-4 to 158°F] Range Humidity 5 to 95% RH (non-condensing) **Environmental Air** For use in Pollution Degree 2 Environment Vibration MIL STD 810C 514.2 Shock MIL STD 810C 516.2 Weight 0.2 lbs [0.09 kg] Agency Approval UL (file #E185989), CE

Dimensions



See our website: www.AutomationDirect.com for complete engineering drawings.



Replacement Part

Part Number	Description	Price
MB-GW-CON	MB-Gateway-Connector Kit 1ea: Phoenix 3 pin power connector AND 1 ea: Phoenix 6 pin serial connector	\$20.00

