

Micro Server Level 0—MS0 MBT3

The MS0-MBT3 provides a cost effective, easy to use solution for Modbus Serial to Modbus TCP protocol transformation.

Description:

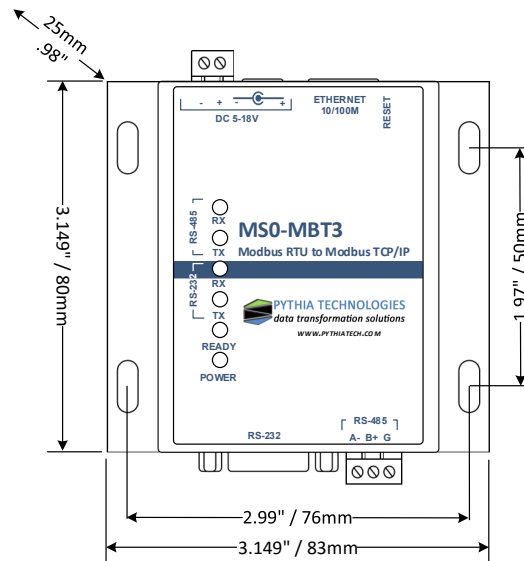
The MS0-MBT3 is a serial RS232 / RS485 to Ethernet converter which can be used to connect any standard RS232 or RS485 serial device to a computer over a standard Ethernet network. It has a strong aluminum housing with screw mounting holes for easy installation which makes it ideal for most environments. The parameters of the adapter can be configured by a web-browser.

- Both serial ports (RS232 and RS485) can be used individually at the same time (two virtual COM ports are created in your computer).
- Supports DHCP and UDP broadcast protocol.
- Support TCP Server, TCP Client, UDP, UDP Server, HTTPD Client, DHCP, Web to serial, TCP Auto, Modbus TCP.
- Baud rates: Port 0 (RS232) 110 - 256000bps, Port 1 (RS485) 110 - 1024000bps.
- Wide voltage range: 5 – 18VDC
- Configuration via web-browser. Ethernet RJ45 port status indicator lights with built-in 2KV isolation. Auto-MDI/MIDX function, cross-over or direct network cable, automatic switching.

Product Overview



Part Number	Description
MS0-MBT3	Base unit with 120-240VAC to 5VDC plug-in power supply
K01	Add for DIN-Rail mounting kit
EN2	Add for K01 and a 10 x 6 x 6 enclosure
CONFIG	Configuration services



SPECIFICATIONS

Serial Interface	(1) RS-232 DB9, (1) RS-485 screw terminal
Baud Rate	Port 0 (RS-232): 10—256Kbps; Port 1 (RS-485): 110—1024Kbps
Data Rates	1200, 2400, 9600, 19200, 38400, 57600, 115200
Data Bits	5, 6, 7 or 8
Parity	NONE, EVEN, ODD, MARK or SPACE
Stop Bits	1 or 2
Network Interface	10/100 RJ45 Ethernet Port , Auto-MDI/MIDX, 2KV isolation
Simultaneous Clients	8 via TCP mode
Operating Voltage	5-18VDC, 1.5 Watts Maximum (120-240VAC to 5VDC power adapter included)
Operating Temp	-25 to 80C (-13 to 176F)
Dimensions	80 x 83 x 25mm (3.15 x 3.26 x .98in)
Weight	0.45lb
Certification	FCC, CE, RoHS

Wire Specifications

Port 0 (DB9)	STD 9-pin DB9 (Pin 2 = Rx, Pin 3 = Tx, Pin 5 = GND, Pin 7 = RTS, Pin 8 = CTS)
Port 1 (RS-485 terminal block)	Belden 88761 (or equivalent) 18-24ga STP
Network	Standard CAT5/6



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Specification may change at anytime without notice.

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