

Micro Server Level 0 for Modbus / BACnet / SNMP — MS0-MBS

The Micro Server Level 0-MBS provides a cost effective, easy to use, DIN rail or wall-mount solution for Modbus, BACnet and SNMP protocol transformation.

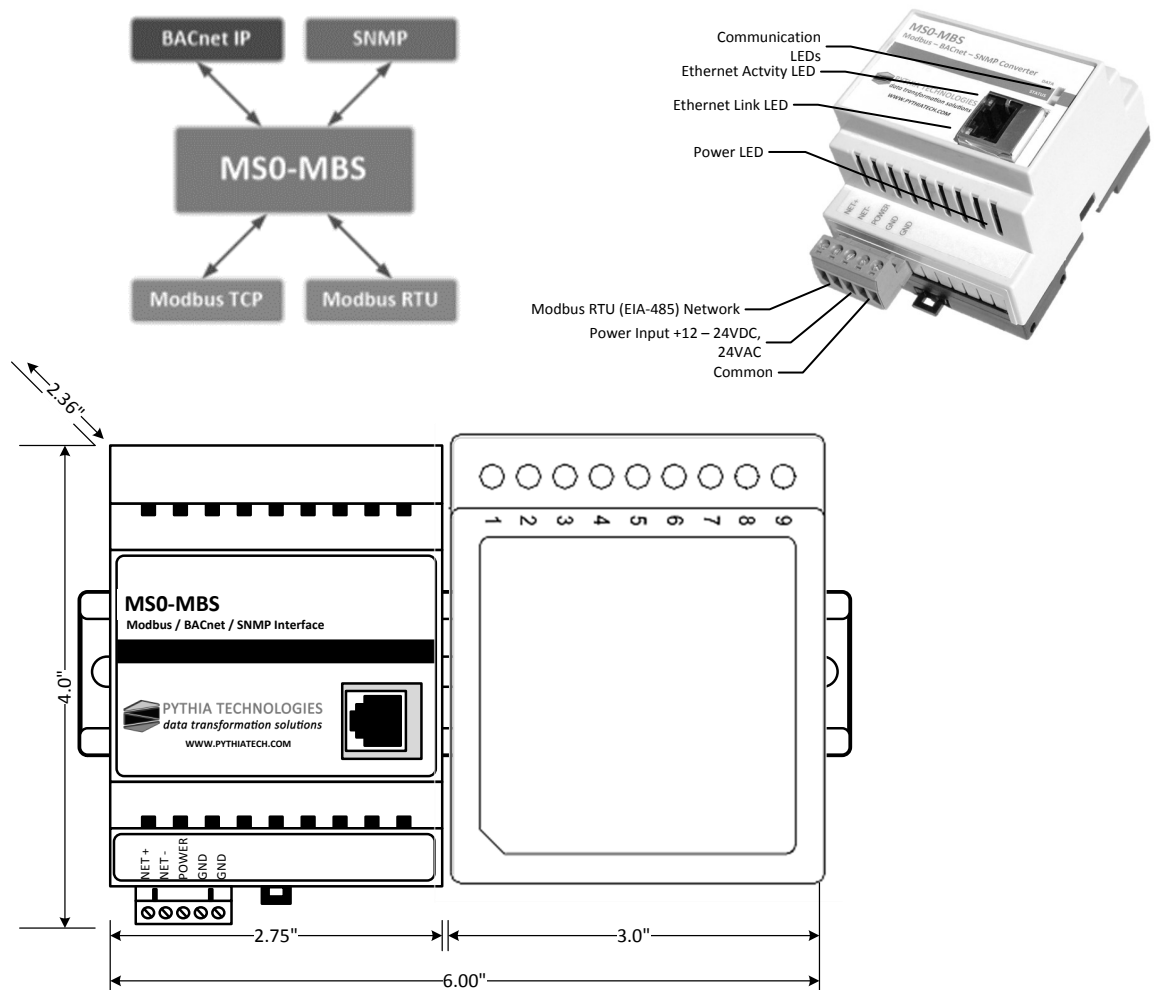
Description:

The MS0-MBS provides stand-alone protocol transformation between Modbus RTU / TCP, BACnet IP and SNMP based systems. Each protocol can be configured as a client or a server, allowing users to access and share information from differing devices or systems.

The MS0-MBS has two physical communication ports—one 10/100 Mbps Ethernet/IP port, and another optically isolated RTU (EIA-485) port.

The device is configured through it's web interface, where all communication parameters can be viewed and set. Up to 500 objects are supported with a single MS0-MBS

Assembly Overview / Dimensions



Key Features:

Bidirectional communication between Modbus, BACnet and SNMP based devices

Modbus Master or Slave configuration supporting coils, input registers, holding registers 16/32-bit, signed, unsigned and IEEE 754 support

Concurrent BACnet IP client / server session capable, analog, binary and multi-state object supported

Concurrent SNMP v1, v2 client / server session capable

Up to 500 data points are supported per MS0-MBS

Devices are configured via web page — Default IP address is 10.0.0.101

Wide variety of power options available

Hardened EIA-485 port (can withstand +24VDC/VAC applied to port.)

SPECIFICATIONS

Modbus RTU Communications	
Data Rates	9600, 19200, 38400, 76800
Physical Layer	EIA-485
Cable Limit	2000 feet
Ethernet/IP Communications	IEEE 802.3
Data Rates	10/100Mbps
Cable Limit	300 feet (CAT5)
Operating Temperatures	-40C to +85C
Storage Temperature	-40C to +85C
Relative Humidity	10 to 95%, non-condensing
Power	24VDC @ 2.4W, 24VAC @ 4VA, 50/60HZ
Mounting	DIN rail (Optional enclosures available)
Size / Weight	4.0" (L) x 2.75" (W) x 2.36 (H) / 1lb.

Wire Specifications

Ethernet / IP	Standard CAT5/6
Modbus RTU / (EIA-485)	Belden 6500FE / 22-24ga STP
Power (with 120VAC to 24VDC Transformer)	14/3 AWG, stranded or solid

Ordering (Please call for alternate assembly pricing)

MS0-MBS

MS0-MBS-ENCL (Kit includes MS0-MBS plus enclosure)

MS0-BR-NS-ENCL (Kit includes MS0-MBS plus 5 port network switch, plus enclosure)



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Specification may change at anytime without notice.

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