gridconnect®

GC-NET485-MB
NET485-MB - Modbus
RS485 Adapter

Features:

- Compact Size (2.5 x 1.58 x .794 in)
- Modbus RTU/ASCII Serial
- Modbus TCP Ethernet
- All Modbus registers and functions
- Terminal Block for 8-24VDC Power
- 10BaseT/100BaseT Auto-Sensing
- Ethernet Link and Activity LEDs
- Wide temperature range -40˚C to
- +85˚C
- OEM and custom versions available
- UL, CE, RoHS certified
- DIN-Rail Clip Optional

Description:

The NET485-MB Intelligent adapter converts a serial RS485/422 Modbus RTU/ASCII Server into a Modbus TCP Ethernet Server. Modbus Servers can now be used cheaply and simply with your Modbus TCP networks, thus extending the life of these Modbus nodes and opening them up to new applications. The NET485-MB is UL, CE, RoHS certified.

The NET485-MB is an efficient Modbus RTU/ASCII to Modbus TCP gateway, with Modbus Master and Slave software built- in. The NET485-MB is a low cost, compact adapter that can be used with any existing Modbus RTU/ASCII serial device to allow it to be used on a Modbus TCP Ethernet Network.

The technology inside the NET485-MB is also available to embed inside your Modbus product – the XPORT-MB.

The Ethernet port of the NET485- MB supports both 10Base-T and 100Base-TX Ethernet connections. The serial port of the NET485-MB supports Modbus baud rates up to 115kbps.

The NET485-MB is available as an OEM part, and customization of the software is possible.

An RS232 Version (the NET232-PLUS-MB) is also available.

Applications:

- Fire and Security Panels
- Vending Machines
- Point of Sale Terminals
- Remote equipment management
- IT management services
- Access Control
- Industrial Control
- Home Automation
- Instrumentation
- Building Control
- Power Management

Specifications:

Serial Interface	Terminal Block
Interface(s)	• RS485 Full/Half Duplex Multi-Drop Network • RS422 Multi-Drop Network
Indicators (LED)	LED Ethernet Link, Activity, and Power
Baud Rate	Modbus Serial: 2400, 4800, 9600, 19.2k, 38.4k, …115.2K
Mounting	Optional DIN Rail and Surface Mount clips available
Certifications	UL, CE
Included Software	CD with Installation Software for Windows PC
Configuration Methods	Web Page or Telnet configuration
Connector(s)	• Local or Worldwide Ethernet 10/100M or Internet Connection • 10/100Mbit Ethernet - Auto-Sensing • 7-pole terminal block for power and data lines • Jumpers to enable optional Tx/Rx Termination Resistors

GC-NET485-EIP-MB Ordering Summary

GC-NET232-PLUS-MB	RS232 Modbus to ModbusTCP
GC-NET485-MB	RS485 Modbus to ModbusTCP
GC-XPORT-MBTCP	Modbus to ModbusTCP RJ45

Call for Volume Pricing

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