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Connecting. Converting. Leading !

Modbus Master Master Gateway GW BMS MM



GW BMS MM is a Industrial Automation Device server for OEMs wanting to provide protocol translation between Serial-Serial, Serial-Ethernet devices using Modbus RTU / Modbus TCP Protocols. It supports 2 RS-485 ports.

It can be used in applications where Modbus RTU Slaves want to communicate with each other. The Modbus registers are configurable through CSV file and both RS485 ports of our Gateway can be configured as Masters.

Features/Benefits

- Support Modbus RTU and Modbus TCP
- Supports Modbus slave to Modbus slave communication.
- Can support upto 100 Modbus TCP Slaves. Can support upto 64 Modbus RTU Slaves
- Can act as a Data Concentrator
- Total 62 Modbus RTU devices are supported in GW BMS MM on 2 RS 485 ports.
- Default 1500 points are supported
- The performance of the system will depend on the amount of data to be written

Specifications

Serial Port : 2 of RS-485, 2 wire, Two of 3-pin screw type terminal blocks
: Upto 115Kbps
Ethernet Port : 1. 10/100 Ethernet port
Connector : RJ45

Indications : LED's for Tx, Rx, Power

Power : 24V AC/DC, Range 18 to 30 V. 100mA @ 24V Connector
: 3 Pin Screw type

Environmental

Operating Temp : -40°C to 85°C
Relative Humidity : 5-90% RH, non-condensing

Enclosure

Dimensions : 46.5 x 84.5x106.5 mm (l*w*h)
Mounting : DIN Rail

Ordering Information

GW BMS MM : Modbus (RTU/TCP) Master Master Gateway

NOTE:

1. 31 devices can be multi dropped on the Modbus RTU side.
2. Depending on site conditions this figure may increase or decrease.
3. 485 Repeater may have to be used in between the 485 chain to meet basic 485 criteria's.