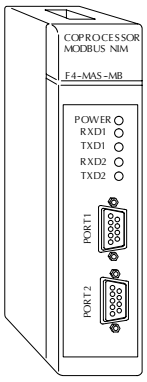
F4-MAS-MB



Our MODBUS Master module allows you to use a DL405 PLC as the network master for a MODBUS RTU network. The module communicates with any network slave by using high level MODBUS commands.

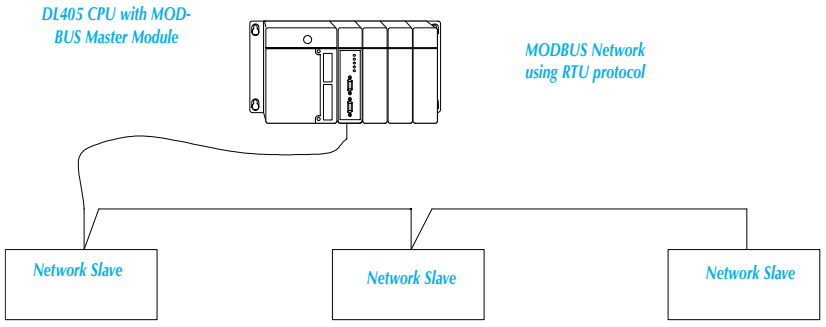
Multiple communication ports

This module provides two communication ports that are selectable for RS232C, RS422, or RS485 operation at speeds up to 115.2K baud.

Easy setup and operation

Module setup is accomplished by loading values into special V-memory locations inside the DL405 CPU. The data read or written is also stored in the CPUs V-memory area, which makes it easily accessible for use in control schemes. If simplicity is your primary concern, you can use the DL405 RX and WX instructions in your ladder program to initiate read and write requests. Minimal setup is required with this option and it is especially useful for event-triggered data exchanges. If you have more complex data requirements, you can use the Table Read/Write capability. By filling in a special block of the CPUs V-memory, you can specify a slave address, starting data address, and number of bytes to transfer. This option requires more setup, but it is also more useful if you need to constantly exchange data with several slave stations.

Specifications	
Modules/CPU	8 Maximum, any slot in CPU base
F4-MAS-MB	Ports 1 & 2, RS232C/422/485 selectable, maximum baud rate of 115.2K baud
Recommended Cable	Belden 9841 or equivalent (RS485) Belden 9729 or equivalent (RS422)
Power Required	235mA max at 5VDC (supplied by base power supply)
Environment	0°C to 60°C (32°F to 140°F), 5% to 95% humidity (non-condensing)
Manufacturer	FACTS Engineering



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