

VIRTUALSCADA[®] for Motortronics

VS2 Modbus/TCP Communication Gateway

The VirtualSCADA VS2 Gateway can be used to connect a Modbus/TCP master (e.g. PLC System) to one or more Motortronics Soft Starters, Motor Protection Relays or Motortronics AC Drives. The transparent VirtualSCADA VS2 gateway will act as a Modbus/TCP slave on an Ethernet network, transform the queries to the Serial Modbus network and send back the response to the Modbus/TCP master.

The VirtualSCADA VS2 can be setup in a matter of minutes.

Features and Functions

Setup / System Functions

- Easy to use web-based user interface
- Monitor Serial and Ethernet Communication Status
- User Name and Password Protection

Connectivity

- Communicate with up to 5 Modbus/TCP Masters simultaneously
- Baud rate selectable from 300 to 115200 bps

Data-logging (Optional)

- Ability to connect to a VirtualSCADA-VS1 module for web-based data-logging, monitoring and programming

Additional I/O

- 2 Opto-isolated Digital Inputs

Communication Ports

- RS232 (9 Pin D-SUB)
- RS232 (Screw Terminal)
- RS485 (Screw Terminal)



Actual Web-browser Screenshot



VIRTUAL SCADA[®] VS2 Technical Specifications

| | |
|-----------------------------------|---|
| Serial Ports: | 1 x RS232 (9 Pin D-SUB), 1 x RS232/RS485, up to 115.2 kbit/s (Screw Terminal) |
| Serial Protocols: | Modbus RTU / ASCII |
| Ethernet: | 10/100 Mbit/sec |
| Ethernet Protocols: | Modbus/TCP |
| Modbus Commands Supported: | 03: Read Holding Registers, 06: Preset Single Register, 16: Preset Multiple Registers |
| I/O: | 2 x Discrete Inputs (Opto-Isolated) |
| LED Indicators: | Module Status, Serial Activity, Ethernet Link, Ethernet Activity / Collision |
| Configuration: | Via Web-browser |
| Housing: | Plastic, DIN Rail Mount |
| Dimensions: | 3.54" x 2.75" x 2.28" (H x W x D) |
| Operating Temperature: | -40 to 80 deg Celsius |
| Power Supply: | 9 to 28V AC or DC |
| Power Consumption: | 1.7 W |
| Part Number: | VS2-MT |

