



Modbus Master/Slave Communication Module

PTQ-MCM

The ProTalk Modbus Master/Slave Communication Module allows Schneider Electric Quantum processors to interface easily with other Modbus protocol compatible devices and hosts. The data transfer from the Quantum processor is asynchronous from the actions on the Modbus network.

Compatible devices include not only Modicon PLCs (which all support the Modbus protocol) but also a wide assortment of end devices.

Features and Benefits

Many host SCADA packages support the Modbus protocol, while devices commonly supporting the protocol include several PLCs, as well as many other third party devices in the marketplace. (For a partial list of devices that speak Modbus, please visit the ProSoft Tested section of the ProSoft Technology web site).

General Specifications

- Single Slot – Quantum backplane compatible
- The module is recognized as an Options module and has access to PLC memory for data transfer
- Configuration data is stored in non-volatile memory in the ProTalk module
- Configuration software for Microsoft Windows XP, 2000 and NT is included with the module.
- Up to six modules can be placed in a rack
- Local rack – The module must be placed in the same rack as processor.
- Compatible with common Quantum / Unity programming tools.
 - UnityPro XL
 - Concept
 - ProWORX
- Quantum data types supported: 3x, 4x
- High speed data transfer across backplane provides quick data update times.
- Sample ladder file available.

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Applications using the Modbus Communication Module can be found in many industrial sectors and in the following applications:

- Foreign device data concentrator
- Pipelines and offshore platforms
- Food processing
- Mining
- Pulp and paper
- SCADA communications
- Supports Enron version of Modbus protocol for floating point data transactions.

How to Contact Us: Sales and Support

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