



P20 Modbus Plus cPCI Module

Key Features

- Modbus Plus Certified
- Supports Global Data
- 1 million bits per second
- CompactPCI™ bus
- Hot swap support

The Modbus Plus cPCI module provides a high-speed, high-capacity serial bus and protocol that is suitable for real-time distributed control and automation strategies. The module's microprocessor and RAM supports services from the Modbus Plus network with data from the CompactPCI bus.

Features/Benefits

- Modbus Plus certified to ensure compatibility
- Supports Global Data for sub-cycle communication rates
- 1 million bits per second for high data throughput
- Token-passing protocol provides deterministic network for distributed control strategies
- Supports read holding registers commands for less time-critical data
- Supports preset single/multiple registers commands for writing information
- Host bus device that simultaneously supports 8 communication paths
- Supports basic hot swap (requires CPU reset)

Module Chassis Interface

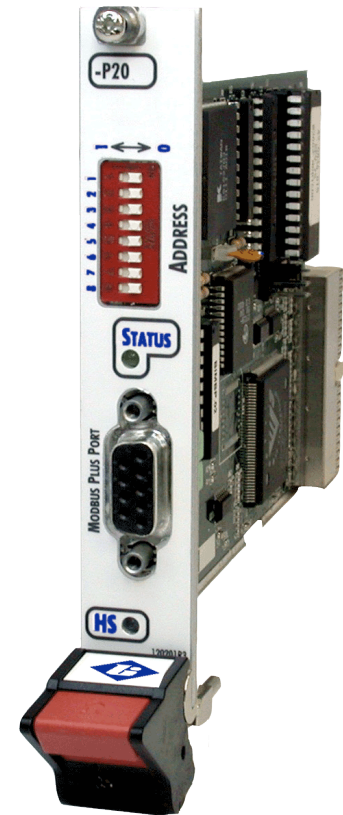
- One cPCI connector, 2mm, hard metric for interface to other modules in chassis
- Complies with CompactPCI version 2.0, supporting 32 bit and speeds to 33MHZ
- Complies with CompactPCI hot swap specification PICMG 2.1 R1.0

Front Panel Features

- 8-position address switch, supporting node addresses from 1 to 64
- DB9 connector for Modbus Plus cable
- Diagnostic LED operates in accordance with Modbus Plus conventions
- Module ejector handle

Environmental

- -40C to +70C operating temperature
- 0-95% non-condensing relative humidity
- IC III (distribution level), Pollution Degree 2 installation category



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