cULus Class 1, Division 2, Groups A, B, C, and D Hazardous Locations.

CE

Modbus Plus SCANport Adapter
1560-MBP

The 1560-MBP module is simple to use, requiring only the setting of several dip-switch options. The parameters from the Rockwell Automation devices are pre-mapped to simplify reading and writing using standard MSTR commands. Use of Global Data has been optimized to enhance control and status monitoring performance.

How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

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Modbus Plus SCANport Adapter

1560-MBP

The ProSoft 1560-MBP Modbus Plus Module is designed to allow Modbus Plus based PLCs to interface directly to the Rockwell Automation family of SCANport based devices.

Features and Benefits

The 1560-MBP connects directly to Rockwell Automation SCANport devices, allowing high speed access to the operating status and control parameters, as well as the entire parameter table. Similar devices include the Rockwell Automation Variable Speed Drives (1305 Micro, 1336 Plus, Vector, Force, etc.), the SMC Dialogue Plus and the SMP3.

Accessible Parameters

The 1560-MBP has read/write access to the entire parameter table in a SCANport device. Programmers can access all parameters using the MSTR Type 1 and 2 instructions. In addition, high speed parameter updating can be configured through Global Data in SCANport devices which support Datalinks.

Functional Specifications

- Protocol mode: Modbus Plus using Schneider Automation technology
- Supported Modbus Plus operations
  - MSTR Type 1 Write Data
  - MSTR Type 2 Read Data
  - MSTR Type 5 Write Global Data
  - MSTR Type 6 Read Global Data

- Supports Control from Host Global Data. In this mode, the 1560-MBP will look for Control and Reference from the selected Host Global Out Data
- Pre-assigned Modbus memory map
  - Read/Write: Command Control and Reference, Datalinks Out: A to D, Up to 2000 parameter values
  - Read Only: Status/Feedback, Datalinks In: A to D

- Configuration via dip switches
  - Slave Address: 1 to 64
  - Host Address: 1 to 64
  - Global Database Control Enable
  - Fault on Loss of Comm. Enable

inRAx

- o SCANport Messaging Options: No Datalinks, Datalinks A only, Datalinks A and B only, Datalinks A, B, C, D
- o Available packages:
- o 120 VAC Enclosed
- o 24 VDC Enclosed
- o Communication port connections- Modbus Plus Female 9-pin DB
- o SCANport connector

Hardware Specifications

Specification	Description
Configuration via dip switches	Slave Address: 1 to 63
Baud Rate	300 to 19200 baud
Parity	None, Odd and Even
Stop Bits	1 or 2
Physical Link	RS-232, RS-422 or RS-485
	Female 9-pin D shell connectors
SCANport Messaging	Type 4 Enable
	Type 5 Enable
	Type 6 Enable
	Type 7 Enable
Supplied in two forms:	Open Style Power supplied by drive, mounted directly to drive
	Enclosed Power supplied externally (120 VAC)
Status LED	SCANport Status (bi-color)
	Serial Port Status (bi-color)
	Tx/Tx Activity Status (amber)
Current Consumption	60 ma DC
Input Voltage	Open Supplied by drive
	Enclosed 85 to 264 VAC, 1 Phase 45 to 63 Hz
Operating Temp	0° to 50°C
Storage Temp	–40° to 85°C

Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at http://www.prosoft-technology.com for a complete list of products.

Ordering Information

To order this product, please use the following:

1560-MBP   Modbus Plus SCANport Adapter

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to http://www.prosoft-technology.com

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