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

CE

ROCKWELL AUTOMATION
ENCOMPASS™
GLOBAL PARTNER

Modbus Slave Communications Adapter
3170-MBS

The 3170-MBS module provides highly configurable Slave capabilities to the Rockwell Automation FLEX and/or Integra platform. The product is frequently used in two general applications, SCADA Slave or as a foreign device interface master. In a SCADA Slave application the module could be used in remote controller racks as is often used in the oil and gas, or wastewater industries.

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:

Asia Pacific
+603.7724.2080, asiapc@prosoft-technology.com
Languages spoken include: Chinese, Japanese, English

Europe – Middle East – Africa
+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com
Languages spoken include: French, English

North America
+1.661.716.5100, support@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America (Sales only)
+1.281.298.9109, latinam@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil
+55-11.5084.5178, eduardo@prosoft-technology.com
Languages spoken include: Portuguese, English

Modbus Slave Communications Adapter

3170-MBS
The 3170-MBS Modbus Slave Communication Adapter can interface up to 8 Rockwell Automation FLEX and/or Integra I/O modules directly with any Modbus Master.

Features and Benefits
The 3170-MBS module is simple to use, requiring only the setting of several dip-switch options. The Flex and Integra module data images are pre-mapped into Modbus addresses to simplify reading and writing using standard Modbus commands. Each product is shipped with a User Manual detailing its installation and operation.

Functional Specifications

- The 3170-MBS has read/write access to all Flex and Integra modules. This allows a Host system to perform all functions necessary to get all I/O modules functioning. All register data values can be accessed using Function Codes 3, 4, 6 and 16. Bit level Function Codes 1, 2, and 5 are also supported.
- Multi-drop on an RS-485 link with other Modbus compatible devices
- Interface analog and/or discrete I/O directly to a host

Hardware Specifications

Specification	Description
Form Factor	Single Slot 1794 Backplane compatible
	Locate in any slot of Backplane
Backplane current load	20 mA @ 5 V
External power supply	12V to 24VDC
	340 ma to 170 ma
Operating temperature	0 to 55°C (32 to 140°F)
Storage temperature	–40 to 85°C (–40 to 185°F)
Shock	30g operational
	50g non-operational
	5g from 10150 Hz
Relative humidity	5 to 95% (non-condensing)

inRAx

Specification	Description
LED indicators	Module status
	Backplane transfer status
	Application status
	Serial activity and error LED status
Configuration Serial port (PRT1)	Mini-DIN
	RS-232
	Hardware handshaking
Application serial Port (PRT2)	Mini-DIN
	RS-232/422/485 jumper selectable
	500V optical isolation from backplane
Dimensions (with Module installed in Base)	3.7H x 3.7W x 2.7D inches
	94H x 94W x 69D mm

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:

3170-MBS   Modbus Slave Communications 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

Distributors:
Place your order by email or fax to:

North American / Latin American / Asia Pacific
orders@prosoft-technology.com,
fax to +1 661.716.5101

Europe
europe@prosoft-technology.com,
fax to +33 (0) 5.61.78.40.52