

Modbus TCP/IP Server to PROFIBUS DP

FEATURES

- Fully configurable Modbus TCP/IP client
- Connects up to 32 Modbus TCP/IP servers
- Fully configurable PROFIBUS slave
- Supports 244 bytes of data in each direction on PROFIBUS DP
- Effortless Browser Based Configuration, no programming software is required
- Simple data translation allows you to manipulate data as it passes between protocols
- 5-Year Hardware Warranty

Get Your Modbus TCP/IP Server Devices Connected to a PROFIBUS DP PLC

The 460MCPBS moves data between up to 32 Modbus TCP/IP server devices and a PROFIBUS DP-enabled PLC. It's the perfect tool to utilize the plethora of cost effective Modbus TCP/IP devices in your PROFIBUS architecture. Best of all, the product comes with 5-year warranty.

How Do I Use the 460MCPBS-N70PB in My Application?

Modbus TCP/IP server register and coil data will be mapped into 10 PROFIBUS DP slots. The slots will be assigned a typed of int8, int16, int32, int64, uint8, uint16, uint32, uint64, float, double, binary8, binary16, or binary32. When writing from your PROFIBUS DP master to your Modbus TCP/IP devices, the data in the slots can be mapped to registers and coils in any Modbus TCP/IP server.

Why Use Real Time Automation as a Gateway Supplier?

While there are certainly other companies offering protocol gateways, there is no one who provides the level of support and service that you receive from RTA.

When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.



A Solution, A Philosophy, the RTA Way. We understand the long hours spent on a factory floor and the pressure to keep a line running and product flowing. That's how Real Time Automation came to be. You want easy-to-use solutions where the hardest part is to open the box. You need customer support second to none. If you get all that and a fun customer experience all the better. Thirty years later, our mission remains the same: **To move your data where you need it, when you need it, and how you need it.**

MODBUS TCP CLIENT FEATURES

Operation Mode	Modbus TCP/IP Client
Function Codes Supported	1,2,3,4,5,6, 15 & 16
Swapping	Byte and Word Swapping
Maximum Modbus TCP/IP Server Devices	32
Number Read/Write Scan Lines per Server Device	200 Total - 100 reads & 100 writes
Scan Line Support	Up to 125 Registers or 512 Coils

PROFIBUS SLAVE FEATURES

Maximum Number of Slots	10 Slots in, 10 Slots out
Slot Data Segment Sizes	2, 4, 8, 16, 24, 32 Bytes
Each Slot Can be Defined for a Single Data Type of	Int8, int16, int32, int64, UInt8, UInt16, UInt32, UInt64, float, double, binary8, binary16 or binary32, Short String
Total Data Supported	244 Bytes in each direction
Maximum Profibus DP Controller Connections	1
Baud Rates Supported	Autobaud (9600, 19.2K, 45.45K, 93.75K, 187.5K, 500K, 1.5M, 3M, 6M, 12M bits per second)

INCLUDED WITH GATEWAY

3' power cable with flying leads	5-year hardware warranty
IPSetup software - automatically locates RTA gateway on the network	Unlimited firmware feature upgrades for life
CAT5 crossover cable for direct connection to PC during programming	Complete, unlimited access to our industry leading support staff
Manual	

ELECTRICAL / ENVIRONMENTAL

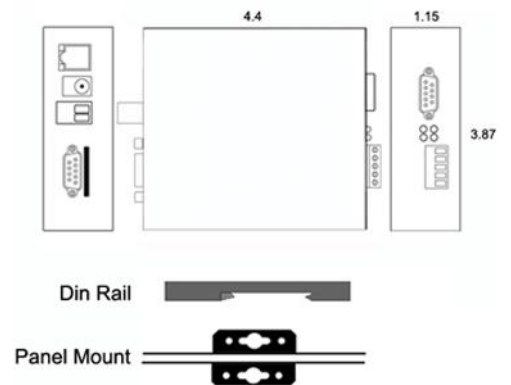
DC Input Voltage	8 VDC @ 230mA to 28 VDC @ 80 mA
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

ENCLOSURE / HARDWARE

Size	4.4" x 3.87" x 1.15"
Weight	8.5 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Ethernet link/data LED, Ethernet speed LED, power LED, & 2 general purpose LEDs on side

GATEWAY FEATURES & FUNCTIONS

Alarming	Set <, <=, >, >=, ==, !=, and change-of-state rules on any data moving through the gateway. If alarm rule is triggered an email notification can be sent.
Gateway Security	You can configure up to 9 different users access to diagnostic and configuration screens.
Translation Table	Allows for data manipulation during protocol translation. Scaling and other data format changes can occur in the gateway.
Status and Counters	Protocol specific status, counters, and error messages are accessible within the gateway's diagnostics page. They can also be delivered to a connected device.
Diagnostic Logging Page	Allows users to see and log start up sequences, protocol specific messages & error messages.



NOT EXACTLY WHAT YOU WERE LOOKING FOR?
 Real Time Automation offers a full line of gateway products. Give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460MCPBS-N70PB	Connects up to 32 Modbus TCP servers to a PROFIBUS DP controller

