Get Your Modbus RTU Slave Devices Connected to a PROFIBUS DP PLC

The 460MMPBS moves data between up to 32 Modbus RTU Slave devices and a PROFIBUS DP enabled PLC. With the 460MMPBS you are making a direct connection between Modbus RTU Slave data and user defined Slots in your PROFIBUS DP PLC.

Best of all the product is Made in the USA, is always in stock and comes with 5 year warranty.

How do I use 460MMPBS-N70PB in my application?
Modbus RTU Slave 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 RTU devices, the data in the Slots can be mapped to registers and coils in any Modbus RTU Slave.

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.

Try the RTA difference today! Call us at 800-249-1612 or check out our solutions at www.rtautomation.com.

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.
### ELECTRICAL / ENVIRONMENTAL

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC Input Voltage</td>
<td>8 VDC @ 230mA to 28 VDC @ 80 mA</td>
</tr>
<tr>
<td>Maximum Baud Rate</td>
<td>115K baud</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40 C to 85 C</td>
</tr>
<tr>
<td>Certification</td>
<td>RoHS-Compliant, UL, CUL, CE Approvals</td>
</tr>
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</table>

### DIMENSIONS

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<th>Specification</th>
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<tbody>
<tr>
<td>Size</td>
<td>4.4&quot; x 3.87&quot; x 1.15&quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>8.5 oz</td>
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### 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

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

- **Profibus Device 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
  - IPSSetup software – automatically locates RTA gateway on the network
  - CAT5 crossover cable for direct connection to PC during programming
  - Complete, unlimited access to our industry leading support staff

### NOT EXACTLY WHAT YOU WERE LOOKING FOR?

Real Time Automation offers a full line of gateway products. If this is not the one you were looking for, give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer custom gateways to help customers dealing with unique needs or proprietary protocols.

### CATALOG #

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<td>460MMPBS-N70PB</td>
<td>Connects up to 32 Modbus RTU Slaves with a PROFIBUS DP Controller</td>
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**Real Time Automation, Inc.**

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1-800-249-1612