Anybus Communicator  - AB7002

 Modbus Plus Serial Gateway

The Anybus Communicator Gateway for Modbus Plus is an external DIN-rail mounted gateway which provides Modbus Plus network connectivity via a serial RS232/RS422/RS485 interface. The Communicator contains a conformance tested Anybus-S Modbus Plus interface.

It has serial protocol support for Modbus RTU Master Mode and Generic Data Mode which is fully configurable through the ABC Config Tool and the configuration port on the AnyBus Communicator. Other protocols can be implemented by HMS on request.

The delivery comes complete with a DSUB connector with screw terminals for the serial sub-network, CD with Configuration Software and User Manuals, RS232 Configuration Cable and a short Installation Leaflet for the electrical installation.

### KEY FEATURES

- RS232/422/485 selection possible
- Supports Modbus RTU Master mode and Geneic Data mode on Sub Network
- ABC config tool for easy configuration
- CE, UL & cUL marked
- DIN-rail mountable - PE via DIN-rail
- Max 32 Words Global Data and 512 bytes Register data

### TECHNICAL SPECIFICATIONS

| | |
|---:|:---|
| Size: | 120 mm x 72 mm x 27 mm |
| Power Supply: | 24 VDC |
| Temperature: | 0 to +55°C |
| Current Consump: | Max 300 mA |
| Baud Rate: | 1 Mbit/s |
| Sub Baud Rate: | 1.2, 2.4, 4.8, 9.6, 19.2, 35.7, 38.4, 57,6 kbit/s |
| I/O Input: | Max 32 Words Global Data and 512 Words Register Data |
| I/O Output: | Max 32 Words Global Data and 512 Words Register Data |
| Mech Rating: | IP20 |
| Supp Features: | Global Data Base Transaction: Point-to-Point commands: Read holding registers, Preset single register, Preset muliple register, Allows routing up to 6 networks |
| Config Method: | ABC Config Tool for Windows |
| Appl Interface: | RS232/422/485 selected via software |
| Included accessories: | CD with software and User Manuals, Configuration Cable RS232, DSUB with screw terminals for Sub-Network, Installation Leaflet. |
| Order Code: | AB7002 |