Anybus Communicator – AB7010

 Modbus RTU Serial Gateway

The Anybus Communicator Gateway for Modbus RTU is an external DIN-rail mounted gateway which provides Modbus RTU slave network connectivity on one side and a configurable serial interface on the lower side, e.g. Modbus RTU master. This gateway can thus work as a data concentrator on a Modbus network being Modbus RTU master on one side and a Modbus RTU slave on the other side.

In the sub network side it has serial protocol support for Master Mode and Generic Data Mode which is both fully configurable through the ABC Config Tool for Windows and the configuration port on the Anybus Communicator. Modbus RTU master is easily configured using built in macros or wizards. 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

■ Supports Modbus RTU Master mode and Generic Data mode on Sub Network side
■ Multi-drop to up to 31 nodes
■ ABC config tool for easy configuration
■ CE, UL & cUL marked
■ DIN-rail mountable - PE via DIN-rail
■ Max 512 bytes of Input data and 512 bytes of Output data
■ Sub-network RS232/422/485 selection via software
■ Modbus RTU slave side RS232/485 selection with DIP-switch

TECHNICAL SPECIFICATIONS

Size:	120 mm x 75 mm x 27 mm
Power Supply:	24 VDC
Temperature:	0-55°C°C
Current Consump:	max 300mA
I/O Input:	Max 512 bytes
I/O Output:	Max 512 bytes
Mech Rating:	IP20
Config Method:	ABC Config Tool for Windows
Appl Interface:	RS232, RS422, RS485 on sub network
Included accessories:	CD with software and User Manuals, Configuration Cable RS232, DSUB with screw terminals for Sub-Network, Installation Leaflet.
Fieldbus side Interf:	RS232 or RS485 selectable with DIP-switch
Order Code:	AB7010