Ethernet Serial Gateway

The Anybus Communicator Gateway for Ethernet is an external DIN-rail mounted gateway which provides Ethernet network connectivity via a serial RS232/RS422/RS485 interface. The Communicator contains an embedded ModbusTCP and EtherNet/IP 10/100 MBit interface with IT functionality such as WEB-server, Flash file system, FTP-server, Email client, Telnet etc.

It has serial protocol support for Modbus RTU Master Mode and Generic Data Mode which is fully configurable through the New 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

- 10/100 MBit twisted pair RJ45 connection
- Multi-drop to up to 31 nodes
- ABC config tool for easy configuration
- CE, UL & cUL marked
- TCP/IP settings configurable with web-page, Configuration Tool, DHCP, ARP or with DIP switches
- Modbus/TCP class 0, class 1 and partially class 2 slave functionality
- Transformer isolated Ethernet interface
- Email functionality (SMTP)
- User downloadable web pages through FTP server
- EtherNet/IP level 2 I/O Server CIP (ControlNet & DeviceNet)
- 1.4 Mbyte storage space on Flash disk
- Suport fot AnyBus IPconfig utility for easy TCP/IP set up
- Serial network configuration with ABC Config Tool
- SSI sripts used for easy display/control of process data on webpages
- DIN-rail mountable - PE via DIN-rail

TECHNICAL SPECIFICATIONS

Size:	120 mm x 75 mm x 27 mm
Power Supply:	24 VDC
Temperature:	0 to +55°C
Current Consump:	Max 300 mA
Baud Rate:	10/100 Mbit autodetect
Sub Baud Rate:	1.2, 2.4, 4.8, 9.6, 19.2, 35.7, 38.4, 57,6 kbit/s
I/O Input:	512 bytes
I/O Output:	512 bytes
Mech Rating:	IP20
Profile Support:	Modbus TCP Class 0, 1, and partial Class 2 server functionality, EtherNet/IP level 2 I/O Server CIP (ControlNet & DeviceNet)
Supp Features:	Modbus TCP, EtherNet/IP, Webserver, FTP, Email, DHCP, ARP, Telnet
Config Method:	ABC Config Tool for Windows
Appl Interface:	RS232, RS422, RS485
Flash disk size:	1,4 Mbyte
Serial telegrams:	Max 100 different configurable telegrams
Modbus RTU commands:	Max 50 (request and response)
Included accessories:	CD with software and User Manuals, Configuration Cable RS232, DSUB with screw terminals for Sub-Network, Installation Leaflet.
Order Code:	AB7007