CANopen Serial Gateway

The Anybus Communicator Gateway for CANopen is an external DIN-rail mounted gateway which provides CANopen network connectivity via a serial RS232/RS422/RS485 interface. The Communicator contains a conformance tested Anybus-S CANopen 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 Generic Data mode
- Multi-drop to up to 31 nodes
- ABC config tool for easy configuration
- CE, UL & cUL marked
- PDO and SDO data objects supported
- DIN-rail mountable - PE via DIN-rail
- Max 512 bytes of Input and 512 bytes of Output data
- Customizable PDO-mapping
- Heatbeat and node guarding support
- Network Stor/Restore functionality

TECHNICAL SPECIFICATIONS

Size:	127 mm x 75 mm x 27 mm
Power Supply:	24 VDC
Temperature:	0 to +55°C
Current Consump:	Max 300mA
Baud Rate:	10 kbit/s to 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:	512 bytes as SDO or PDO data
I/O Output:	512 bytes as SDO or PDO data
Mech Rating:	IP20
Profile Support:	CIA DS301 V4.02
Supp Features:	Unscheduled data exchange, Synch & Freeze mode, Watch-dog timer, Peer to peer messaging
Config Method:	ABC Config Tool for Windows
Appl Interface:	RS232, RS422, RS485
Configuration:	EDS file, Dip switch
Included accessories:	CD with software and User Manuals, Configuration Cable RS232, DSUB with screw terminals for Sub-Network, Installation Leaflet.
Order Code:	AB7003