Get connected to EtherCAT!

New serial to EtherCAT gateway provides instant connectivity via any serial interface!

HMS releases Anybus Communicator Serial Gateway supporting the EtherCAT industrial Ethernet protocol.

The new EtherCAT gateway is the latest member of the Anybus Communicator family. The new product connects automation devices via their serial RS-232/-422/-485 interface to EtherCAT. The Anybus Communicator family now supports 14 fieldbus and industrial Ethernet networks providing external network connectivity to all kind of automation devices. Typical applications include drives, weigh scales, sensors and actuators.

The Anybus Communicator for EtherCAT is an intelligent gateway. For the protocol conversion between the serial interface of the automation device and the EtherCAT network, HMS provides an easy to use configuration tool and no programming is required.

The Anybus Communicator Gateway for EtherCAT is an external DIN-rail mounted gateway which provides EtherCAT network connectivity via a serial RS232/RS422/RS485 interface. It is provided through patented Anybus technology and it implements CANopen over EtherCAT.

The gateway has serial protocol support for Modbus RTU Master Mode and Generic Data Mode which is fully configurable through the HMS software ABC Config Tool and the configuration port on the Anybus Communicator.

The EtherCAT interface acts as a full EtherCAT slave device. It supports CANopen objects with up to 512 byte I/O. The module has two RJ45 connectors using 100 Mbit full duplex Ethernet. For configuration a XML-format device despription file is supplied by HMS.

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.

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Anybus Serial to EtherCAT Gateway

KEY FEATURES

- **RS232/422/485 selection via software**
- **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**
- **DIN-rail mountable - PE via DIN-rail**
- **Galvanically isolated field bus interface**
- **Supports CANopen objects (SDOs & PDOs)**
- **4 FMMU Channels**
- **100 Mbit full duplex**
- **Configuration using a XML format file**

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:	100 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:	CANopen over EtherCAT, supports segmented SDO access, FDI Watchdog
Config Method:	ABC Config Tool for Windows
Appl Interface:	RS232, RS422 or RS485
Configuration:	XML file
Included accessories:	CD with configuration software and user manuals. Configuration cable RS232. DSUB with screw terminals for sub network. Installation leaflet
Order Code:	**AB7061**

For more information:
http://www.anybus.com/products/products.asp?PID=383&ProductType=Anybus%20Communicator

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