DeviceNet Adapter/Slave - EtherCAT Slave

The Anybus X-gateway copies I/O-data in both directions thus enabling data exchange between the two networks. Default I/O configuration is 20 bytes Input and 20 bytes Output. Changing default settings is very simple and is carried out using the RS232 configuration port and a standard terminal interface on a PC, such as Hyper Terminal for Windows.

The high performance DeviceNet Slave interface provides instant connectivity to the DeviceNet network. The module conforms to DeviceNet 2.0. The DeviceNet interface module is certified by the ODVA and has proven conformance and interoperability with leading PLC´s, HMI´s etc. Baud rate and MAC ID can be set via DIP switches.

The EtherCAT Slave Interface for the Anybus X-gateway implements CANopen over EtherCAT, and exchanges up to 512 bytes of data in each direction. The interface acts as a slave node, which means it can be accessed by an EtherCAT master, but it will not initiate communication by itself.
The module has two RJ45 connectors using 100 Mbit full duplex Ethernet. For configuration a XML-format device despription file is supplied by HMS.

KEY FEATURES

- DeviceNet Specification version: Vol 1: 2.0, Vol 2: 2.0
- Galvanically isolated bus electronics
- I/O Slave messaging: Bit strobe, Polling, Cyclic, COS and Explicit Messaging
- EtherCAT interface supports CANopen objects SDOs and PDOs
- Up to 512 bytes of cyclic data in each direction (PDO)
- Up to 512 bytes of acyclic data in each direction (SDO)

TECHNICAL SPECIFICATIONS

Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC (±10%)
Temperature:	0-65°C
Current Consump:	max 300 mA
I/O Input:	Default 20 bytes, max 512 bytes
I/O Output:	Default 20 bytes, max 512 bytes
Mech Rating:	IP20/Nema1
Config Method:	Windows Hyper Terminal
UL certification:	E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
ATEX certification:	ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
Power supply connect:	2-pole 5.08 mm Phoenix pluggable screw connector
DeviceNet baud rate:	125-500 kbit/s
DeviceNet MacID:	0-63
DeviceNet config:	Configured by DeviceNet Scanner via EDS file (provided by HMS)
EtherCAT baudrate:	100 Mbit/s
EtherCAT connector:	RJ45
EtherCAT config:	Configured by EtherCAT Master via XML file (provided by HMS)
Price Group:	B
Order Code:	**AB7686**