Anybus X-gateway – AB7607

DeviceNet Scanner/Master - Ethernet/IP Adapter/Slave

The Anybus X-gateway makes it possible to transfer data between DeviceNet network up to an Ethernet network which can be Modbus TCP/ EtherNet/IP or HTTP. The gateway also features CIP message routing between Ethenet/IP and DeviceNet.

The DeviceNet Scanner/adapter has the entire DeviceNet protocol implemented into the interface. In Master/Scanner mode it controls up to 63 DeviceNet slaves. Setup of the DeviceNet network can be done using Anybus NetTool for DeviceNet or with RS Networx. Through one of these config tools it is also possible to configure the DeviceNet interface as a Slave/Adapter.

The 10/100Mbit/s Ethernet interface used in the X-gateway has Modbus TCP & EtherNet/IP functionality for fast exchange of process data. Included with these protocols is an embedded Dynamic webserver supporting SSI scripts & Java applets. It also has an SMTP Email client which can be event triggered with up to 20 pre-defined or custom Emails, and an embedded FTP server using the on-board Flash disk. Added to this is a security function which can be setup for admin/user permissions and multiple configuration methods such as, on-board DIP switches, through the web browser, DHCP, BootP, or ARP

KEY FEATURES

- Supporting EtherNet/IP, Modbus TCP and HTTP for dynamic data transfer
- Included IT functions - WEB-server, mail client, FTP-server, TYelnet etc.
- 10/100 Mbit/s Ethernet autodetect
- CIP Message routing between DeviceNet & EtherNet/IP
- DeviceNet Scanner / Adapter functionality
- DeviceNet Baudrate 125-500 Kbit/s
- Manages up to 63 DeviceNet Slaves
- I/O Messaging: Bit Strobe, Cyclic, Polling & COS
- DIN-rail mountable - PE via DIN-rail
- Certified for ATEX and UL Haz. Loc.

TECHNICAL SPECIFICATIONS

Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC
Temperature:	0-65°C
Current Consump:	Max 300 mA
I/O Input:	512 bytes
I/O Output:	512 bytes
Mech Rating:	IP20
Supp Features:	Bit Strobe, Cyclic, Polling & COS, Ethenet/IP, ModbusTCP, HTTP, SMTP, FTP, Telnet

Config Method:	Terminal interface, WEB-interface and Anybus IPconfig
Ethernet Baudrate:	10/100 Mbit autodetect
DeviceNet Baudrate:	125-500 Kbit/s
Data file storage::	Max 1,4 Mbyte on flash disk
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
Price Group:	C
Order Code:	AB7607