Anybus X-gateway – DeviceNet Scanner to EtherNet/IP Device



Item number: AB7607-C

The Anybus X-gateway DeviceNet Scanner to EtherNet/IP Device enables you to connect any DeviceNet device or equipment to EtherNet/IP control systems. It can be used when there is no existing DeviceNet control system. Anybus gateways ensure reliable, secure, high-speed data transfers between different industrial networks while being easy to use.

A protocol converter that connects DeviceNet devices to EtherNet/IP PLCs.

Features and benefits

Reach new markets

Target new markets using different protocols without needing to change your hardware or software, thereby decreasing your time to market and development costs.

Slim hardware design

The gateway is designed for IP20 and DIN-rail mounting, enabling you to install it with ease, close to connected devices, thereby reducing wiring requirements.

Easy configuration – No programming required!

Quickly establish the connection between the two networks with the included Anybus Configuration Manager software. No programming skills are required for the setup process.

Trusted partner

Anybus has a long history of working with all the major network organizations to ensure compliant, high-performing, and compatible products.

No PLC card slot needed

The gateway does not use a card slot in the control system, leaving room for other equipment.

3-year warranty

The gateway is designed to be robust and long-lasting. A 3-year guarantee is provided

Increased PLC performance

The gateway allows for fast transfer of cyclic I/O data between the two networks, offloading your PLC from working with additional calculations.

Life cycle management

HMS maintains every part of the gateway, including network updates, throughout the product's lifecycle.

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General

Net Width (mm)	127
Net Height (mm)	44
Net Depth (mm)	114
Net Weight (g)	400
Packed Width (mm)	17
Packed Height (mm)	9
Packed Depth (mm)	19
Packed Weight (g)	750
Operating Temperature °C Min	-25
Operating Temperature °C Max	65
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Type Value at Vcc Nom (mA)	200mA @ 24V DC
Current Consumption Max value at Vcc nom (mA)	400mA @ 24V DC
Input Voltage (V)	24V DC (-20% to +20%)
Power Connector	2-pin, 5.08 Phoenix plug connector
Reverse Polarity Protection	Yes
Short Circuit Protection	Yes
Isolation	TRUE

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General

Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminium
Packaging Material	Cardboard

Identification and Status

Product ID	AB7607-C
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	5A991.b.1

Physical Features

Connectors / Input / Output	1xRJ45
DIP & Rotary Switches	8 Dip switches for IP settings
Contains Battery	No

EtherNet/IP Features

EtherNet/IP Mode	Adapter / Slave
EtherNet/IP Supported Functionality	DLR; QoS; EtherNet/IP Adapter Level 2 and Level 3 I/O Server CIP
EtherNet/IP Configuration File	EDS available
EtherNet/IP Bandwidth	10/100MBit
EtherNet/IP Input Data Size	509 bytes
EtherNet/IP Output Data Size	505 bytes

Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	Yes

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Certifications and Standards

Recycle / Disposal	TRUE
Environment	EN 55011, EN 61000-6-2
WEEE Category	IT and telecommunications equipment

Use Case

