

## Anybus X-gateway - EtherNet/IP Adapter - DeviceNet Adapter

Item number: AB7833-F

The Anybus X-gateway EtherNet/IP Adapter to DeviceNet Adapter enables you to connect any DeviceNet system to any EtherNet/IP 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 EtherNet/IP and DeviceNet control systems*

### 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)	44
Net Height (mm)	127
Net Depth (mm)	114
Net Weight (g)	420
Packed Width (mm)	155
Packed Height (mm)	75
Packed Depth (mm)	200
Packed Weight (g)	600
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
Isolation	TRUE
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminium, Plastic

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## General

Packaging Material	Cardboard
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## Identification and Status

Product ID	AB7833-F
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Country of Origin	Sweden
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HS Code	8517620000
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Dual Usage	No
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Export Control Classification Number (ECCN) (Applies only to the U.S)	5A991.b.1
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## Physical Features

Contains Battery	No
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## DeviceNet Features

DeviceNet Mode	Adapter / Slave
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DeviceNet Configuration File	EDS available
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DeviceNet Baud Rate	125-500 kbit/s
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DeviceNet Input Data Size	512 bytes
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DeviceNet Output Data Size	512 bytes
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## EtherNet/IP Features

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

Protection Class IP	IP20
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## Certifications and Standards

<b>RoHS Compliant</b>	Yes
<b>Recycle / Disposal</b>	TRUE
<b>CE</b>	Yes
<b>UL</b>	Yes
<b>UL Information</b>	E214107: Ord.Loc UL508, CSA C22.2 NO. 142
<b>Environment</b>	EN 61000-6-4, EN 55016-2-3 Class A, EN 55022 Class A, EN 61000-6-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6
<b>Waste Certification (WEEE)</b>	Yes
<b>WEEE Category</b>	IT and telecommunications equipment