

## Anybus X-gateway – EtherNet/IP Scanner - Interbus CU Slave

Item number: AB7675-F

The Anybus X-gateway EtherNet/IP Master to Interbus CU Slave enables you to connect any EtherNet/IP device or equipment to Interbus control systems. It can be used when there is no existing 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 devices to Interbus CU 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)                                    | 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<br>Value at Vcc Nom (mA) | 200mA @ 24V DC                     |
| Current Consumption Max<br>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, Plastic           |
| Packaging Material | Cardboard                    |

## Identification and Status

|                   |            |
|-------------------|------------|
| Product ID        | AB7675-F   |
| Country of Origin | Sweden     |
| HS Code           | 8517620000 |
| Dual Usage        | No         |

## Physical Features

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Connectors / Input / Output | 2xRJ45, 1x D-sub 9-pin male and 1x D-sub 9-pin female, USB-B Config port |
| DIP & Rotary Switches       | 8 Dip switches for IP settings                                           |
| Contains Battery            | No                                                                       |

## EtherNet/IP Features

|                              |                  |
|------------------------------|------------------|
| EtherNet/IP Mode             | Scanner / Master |
| EtherNet/IP No. Of Adapters  | 64               |
| EtherNet/IP Bandwidth        | 10/100MBit       |
| EtherNet/IP Input Data Size  | 509 bytes        |
| EtherNet/IP Output Data Size | 505 bytes        |

## INTERBUS Features

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| INTERBUS Mode                    | Slave                                                                         |
| INTERBUS Supported Functionality | EN 50170; PCP V.2.0. (0, 1, 2, or 4 words); Automatic slave address detection |
| INTERBUS Baud Rate               | 500 kbit/s – 2 Mbit/s                                                         |
| INTERBUS Input Data Size         | 20 bytes of process data (512 bytes with PCP)                                 |

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## INTERBUS Features

|                           |                                               |
|---------------------------|-----------------------------------------------|
| INTERBUS Output Data Size | 20 bytes of process data (512 bytes with PCP) |
|---------------------------|-----------------------------------------------|

## Certifications and Standards

|                     |                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Protection Class IP | IP20                                                                                                                                     |
| RoHS Compliant      | Yes                                                                                                                                      |
| Recycle / Disposal  | TRUE                                                                                                                                     |
| UL Information      | E214107: Ord.Loc UL508, CSA C22.2 NO. 142                                                                                                |
| Environment         | 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 |
| WEEE Category       | IT and telecommunications equipment                                                                                                      |