Anybus X-gateway - CANopen Slave - Interbus CU Slave



A protocol converter that connects CANopen and Interbus CU control systems

Item number: AB7883-F

The Anybus X-gateway CANopen Slave to Interbus CU Slave enables you to connect any CANopen system to any Interbus CU control system. Anybus gateways ensure reliable, secure, high-speed data transfers between different industrial networks while being easy to use.

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
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	AB7883-F
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	5A991.b.4b

Physical Features

Connectors / Input / Output	1x D-sub 9-pin male and 1x D-sub 9-pin female, 1x D-sub 9-pin male, USB-B Config port
DIP & Rotary Switches	3x Rotary CAN Address + Baudrate
Contains Battery	No

CANopen Features

CANopen Mode	Slave mode
CANopen Baud Rate	10 kbit/s - 1000 kbit/s
CANopen Supported Functionality	PDO, SDO;DS301 v4.02
CANopen Configuration File	EDS available
CANopen Input Data Size	512 bytes
CANopen Output Data Size	512 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

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INTERBUS Features

INTERBUS Baud Rate	500 kbit/s â€“ 2 Mbit/s
INTERBUS Input Data Size	20 bytes of process data (512 bytes with PCP
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
Product Certifications	CE, UL, WEEE, RoHS
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