

## Anybus X-gateway – Modbus RTU Slave – J1939

Item number: AB7612-B

The Anybus X-gateway Modbus RTU Slave to J1939 enables you to connect any Modbus RTU system to any J1939 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 Modbus RTU and J1939 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.
- ✓



General	
Net Width (mm)	127
Net Height (mm)	44
Net Depth (mm)	114
Net Weight (g)	445
Packed Width (mm)	18
Packed Height (mm)	7
Packed Depth (mm)	14
Packed Weight (g)	525
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	Aluminum



## General

Packaging Material	Cardboard
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## Identification and Status

Product ID	AB7612-B
Country of Origin	Sweden
HS Code	8517620000
Export Control Classification Number (ECCN)	5A991.b.4b
Supply Risk Factor ERP	Used in Volume 01

## Certifications and Standards

Protection Class IP	IP20
Recycle / Disposal	TRUE
Environment	EN 55011, EN 61000-6-2
WEEE Category	IT and telecommunications equipment