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.

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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

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%)

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General

Power Connector	2-pin, 5.08 Phoenix plug connector
Isolation	TRUE
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminum
Packaging Material	Cardboard

Certifications and Standards

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