Anybus X-gateway – Ethernet Adapter/Server – J1939



Item number: AB7665-C

The Anybus X-gateway EtherNet/IP Adapter to J1939 enables you to connect any EtherNet/IP 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 EtherNet/IP 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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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
Reverse Polarity Protection	Yes
Short Circuit Protection	Yes
Isolation	TRUE

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General

Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminium
Packaging Material	Cardboard

Identification and Status

Product ID	AB7665-C
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	5A991.b.1

Physical Features

Contains Battery	No

Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	Yes
Recycle / Disposal	TRUE
CE	Yes
FCC	No
UL	No
EMC	Yes
Environment	EN 55011, EN 61000-6-2
Waste Certification (WEEE)	Yes
WEEE Category	IT and telecommunications equipment