

Anybus X-gateway - CANopen Slave - CC-Link Slave

Item number: AB7897-F

The Anybus X-gateway CANopen Slave to CC-Link Slave enables you to connect any CANopen control system to any CC-Link 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 CANopen and CC-Link 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.

Anybus X-gateway - CANopen Slave - CC-Link Slave



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
Isolation	TRUE
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminium, Plastic

Anybus X-gateway - CANopen Slave - CC-Link Slave



General

Packaging Material	Cardboard
--------------------	-----------

Identification and Status

Product ID	AB7897-F
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No

Physical Features

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

CC-Link Features

CC-Link Mode	Slave
CC-Link Supported Functionality	CC-Link slave Version 1 and 2; Transparent CC-Link; PLC Profile compliant; 4 occupied stations; 8 extension cycles
CC-Link Configuration File	CSP available
CC-Link Output Data Size	896 bits/128 words (368 bytes)
CC-Link Input Data Size	896 bits/128 words (368 bytes)

Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	Yes

Anybus X-gateway - CANopen Slave - CC-Link Slave



Certifications and Standards	
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