

Anybus CompactCom 40 Brick Modbus Serial Interface - EtherNet/IP

Item number: AB6791-D

The Anybus CompactCom 40 Brick Modbus Serial Interface is a communication interface that can be embedded into any serial device or machine to enable communication to EtherNet/IP networks. The pluggable design enables integration late in the assembly process, the addition of specific network connectors, and compliance with protection class requirements.



Enable communication between industrial devices and Ethernet/IP networks

Features and benefits

- ✓ **High performance**
Powered by the award-winning NP40 network processor, the Anybus CompactCom guarantees fast data transfer and low latency, making it ideal for the most demanding industrial applications.
- ✓ **Quick time to market**
HMS provides comprehensive support throughout the integration journey, ensuring a quick time to market.
- ✓ **Life cycle management**
HMS maintains every part of the Anybus CompactCom, including network updates, throughout the product's lifecycle.
- ✓ **Fully embedded – meet IP requirements**
The brick can be fully embedded within your product, conserving valuable space, and enabling you to provide IP class-certified protection.
- ✓ **Simplified integration**
The Anybus CompactCom Modbus Serial is an easy-to-use, low-cost communication solution tailored for simple industrial field devices.
- ✓ **Versatile Event-Based Hardware Interfaces**
Enjoy fast and flexible event-based application hardware interfaces with the option to choose from 8/16-bit parallel or high-speed SPI, and I/O via the shift register interface.
- ✓ **Pre-certified**
Pre-certified for network compliance, enabling faster network certification.
- ✓ **Design flexibility**
Add your own connectors and peripherals, offering design flexibility that matches your unique needs.
- ✓ **Robust Security Measures**
Mandatory software signatures prevent unauthorized downloads to the Anybus CompactCom, while robust encryption techniques safeguard against illicit copying.
- ✓ **Supports hardware changes**
Possible to swap or install late in the manufacturing process.

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General	
Net Width (mm)	36
Net Height (mm)	8
Net Depth (mm)	36
Net Weight (g)	23
Packed Width (mm)	8
Packed Height (mm)	3
Packed Depth (mm)	8
Packed Weight (g)	25
Operating Temperature °C Min	-40
Operating Temperature °C Max	85
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Input Voltage (V)	3.3 VDC, +/- 0.15 VDC
Application Interface	8/16-bit parallel (30 ns access) High speed SPI, baudrate configurable up to 20 MHz I/O (shift register interface, cyclical update time 82 µs) UART (for backwards compatibility with 30-series, max 625kbps)
Content of Delivery	CompactCom B40 module
Mounting	PCB mounting via a customized CompactFlash connector
Warranty (years)	1 year
Identification and Status	
Product ID	AB6791-D
Country of Origin	Sweden

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Identification and Status

HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

Physical Features

Form Factor	Brick (pluggable)
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Certifications and Standards

UL Information	E214107
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