Anybus CompactCom 40 Brick PROFINET-IRT Fiber Optic

Item number: AB6676-C

The Anybus CompactCom 40 PROFINET-IRT is a communication interface that can be embedded into any industrial device or machine to enable communication with PROFINET-IRT 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 PROFINET-IRT 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.

✓ **Supports hardware changes**

Possible to swap or install late in the manufacturing process.

✓ **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.

✓ **PNO pre-certified**

Pre-certified with PNO 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.

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General

Net Width (mm)	36
Net Height (mm)	8
Net Depth (mm)	36
Net Weight (g)	20
Packed Weight (g)	20
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	AB6676-C
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

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Physical Features

Form Factor	Brick (pluggable)
Contains Battery	No

Certifications and Standards

UL Information	E214107