

## Anybus CompactCom 40 Module Without Housing - PROFINET-IRT Fiber Optic

Item number: AB6706-C

The Anybus CompactCom 40 Without Housing - PROFINET-IRT is a communication interface that can be embedded into any industrial device or machine to enable communication with PROFINET-IRT networks. The module version includes connectors to simplify installation, helping you achieve a fast time to market.



*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.

#### ✓ Custom look

Delivered without housing, enabling the Anybus CompactCom to be securely integrated behind the front panel of your device, resulting in a customized appearance and seamless design integration.

#### ✓ 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.

#### ✓ Complete communication interface

The Anybus CompactCom module is a complete communication interface, equipped with connectors that simplify integration. Enjoy an all-in-one solution with easy interchangeability.

#### ✓ 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)	37
Net Height (mm)	17
Net Depth (mm)	51
Net Weight (g)	15
Packed Weight (g)	15
Operating Temperature °C Min	-40
Operating Temperature °C Max	85
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Class (CompactCom series)	C
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)
Isolation	Galvanic Isolation
Content of Delivery	CompactCom M40 module (without housing)
Mounting	PCB mounting via a customized CompactFlash connector
Warranty (years)	1 year

## Identification and Status

Product ID	AB6706-C
Country of Origin	Sweden
HS Code	8517620000

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## Identification and Status

Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

## Physical Features

Connectors / Input / Output	2x duplex SC-RJ female
LED Indicators	Semi-Integrated. Link/Activity are available on RJ45 connectors. Module Status, Network Status and Link/Activity via application interface or external light pipes
Form Factor	Module without Housing
Contains Battery	No

## Certifications and Standards

UL Information	E214107
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