

Anybus CompactCom 40 Module Without Housing - EtherCAT - Transparent Ethernet



Item number: AB6739-E

The Anybus CompactCom 40 EtherNet/IP - Transparent Ethernet is a communication interface that can be embedded into any industrial device or machine to enable communication with EtherCAT networks. The Transparent Ethernet channel lets you utilize high-end processors for custom IT functions. The module includes connectors for a fast time to market.

Enable communication between industrial devices and EtherCAT 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.
- ✓ **Transparent Ethernet channel**
Includes a Transparent Ethernet channel, allowing users to tap into the potential of their high-end processors for developing personalized IT functions.
- ✓ **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.
- ✓ **ETG pre-certified**
Pre-certified with ETG 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.
- ✓ **Supports hardware changes**
Possible to swap or install late in the manufacturing process.

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General

Net Width (mm)	37
Net Height (mm)	16
Net Depth (mm)	51
Net Weight (g)	18
Packed Weight (g)	18
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)	B
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	AB6739-E
Country of Origin	Sweden
HS Code	8517620000

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Identification and Status

Dual Usage	No
Export Control Classification Number (ECCN)	3A991.a.2

Physical Features

Connectors / Input / Output	2x RJ45
LED Indicators	Semi-Integrated. Link/Activity are available on RJ45 connectors. RUN and Error 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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