

Anybus CompactCom 40 Module Without Housing - PROFINET IloT Secure



Item number: AB6750-C

Anybus CompactCom 40 IloT Secure without housing is a communication interface that can be embedded into any industrial device or machine to enable communication with PROFINET IRT and IloT protocols. It exchanges data with PLCs but uses OPC UA or MQTT to transmit data to IT systems. The module version includes connectors for a fast time to market.

*Enable communication between industrial devices,
PROFINET IRT & IloT protocols*

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.
- ✓ **Reap the benefits of IloT**
Use OPC UA or MQTT to easily pass data to higher-level systems for analysis and reap the benefits of IloT, such as predictive maintenance or optimization of devices and machines.
- ✓ **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.
- ✓ **Advanced security measures**
Prioritizing security, it incorporates IEEE 802.1AR compliance, a security chip, secure boot, root of trust, and employs secure protocols for encrypting data exchanges.

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General	
Net Width (mm)	37
Net Height (mm)	16
Net Depth (mm)	51
Net Weight (g)	19
Packed Weight (g)	19
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	AB6750-C
Country of Origin	Sweden
HS Code	8517620000

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Identification and Status

Export Control Classification Number (ECCN)	EAR99
Supply Risk Factor ERP	Volume not defined yet

Physical Features

Connectors / Input / Output	2x RJ45
LED Indicators	Semi-Integrated. Link/Activity are available on RJ45 connectors. Module Status and Network Status via application interface or external light pipes
Form Factor	Module without Housing

Certifications and Standards

UL Information	E214107
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