

Anybus CompactCom 40 Brick BACnet/IP

Item number: AB6682-D

The Anybus CompactCom 40 BACnet/IP is a communication interface that can be embedded into any industrial device or machine to enable communication with BACnet/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 BACnet/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.
- ✓ **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.
- ✓ **Pre-certified**
Pre-certified for BACnet/IP network compliance, enabling faster network certification. Version 1.14.
- ✓ **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.

Anybus CompactCom 40 Brick BACnet/IP



General

Related Accessories	AB6666-B
Net Weight (g)	10
Packed Weight (g)	10
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
Current Consumption Max value at Vcc nom (mA)	up to 500 mA
Input Voltage (V)	3.3 VDC, +/- 0.15 VDC
Application Interface	Parallel 8/16-bit (30 ns access). High speed SPI (baudrate configurable up to 20 MHz). 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 pin header
Warranty (years)	1 year

Identification and Status

Product ID	AB6682-D
Predecessor	AB6682-C
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No

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Physical Features

Form Factor	Brick (pluggable)
Contains Battery	No

Certifications and Standards

RoHS Compliant	Yes
Product Certifications	RoHS, UL
UL Information	E214107