

## Anybus CompactCom 40 Module Modbus-TCP



Item number: AB6603-E

The Anybus CompactCom 40 Modbus-TCP is a communication interface that can be embedded into any industrial device or machine to enable communication with PROFIBUS networks. The module version includes connectors to simplify installation, helping you achieve a fast time to market.

*Enable communication between industrial devices and Modbus-TCP 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.
- ✓ **Easy to install**  
Installing the Anybus CompactCom module is a breeze—simply slide it into the host slot. This user-friendly process can be completed by the end-user.
- ✓ **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.
- ✓ **Modbus Pre-certified**  
Pre-certified with the Modbus organization 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.



## General

|   |   |
|---|---|
| Net Width (mm)                                | 50  |
| Net Height (mm)                               | 22  |
| Net Depth (mm)                                | 52  |
| Net Weight (g)                                | 29  |
| Packed Weight (g)                             | 29  |
| Operating Temperature °C Min                  | -40   |
| Operating Temperature °C Max                  | 70  |
| 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   |
| Mounting                                      | PCB mounting via a customized CompactFlash connector  |
| Warranty (years)                              | 1 year  |

## Identification and Status

|                   |            |
|-------------------|------------|
| Product ID        | AB6603-E   |
| Country of Origin | Sweden     |
| HS Code           | 8517620000 |



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|   |           |
|---|-----------|
| Export Control Classification Number (ECCN) | 3A991.a.2 |
|---|-----------|

## Physical Features

|                             |   |
|-----------------------------|---|
| Connectors / Input / Output | 2x RJ45   |
| LED Indicators              | Integrated on front. Indicates Module Status, Network Status and Link/Activity. |
| Form Factor                 | Module  |

## Certifications and Standards

|                |         |
|----------------|---------|
| UL Information | E214107 |
|----------------|---------|