

## Anybus CompactCom 40 Brick CC-Link

Item number: AB6672-C

The Anybus CompactCom 40 CC-Link is a communication interface that can be embedded into any industrial device or machine to enable communication with CC-Link 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 CC-Link 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.
- ✓ **CLPA pre-certified**  
Pre-certified with CLPA for network compliance, enabling faster network certification.
- ✓ **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 CC-Link



## General

|                                               |                                                                                                                                                                                                               |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Accessories                           | AB6665-B                                                                                                                                                                                                      |
| Net Width (mm)                                | 36                                                                                                                                                                                                            |
| Net Height (mm)                               | 8                                                                                                                                                                                                             |
| Net Depth (mm)                                | 36                                                                                                                                                                                                            |
| 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 50 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        | AB6672-C |
| Country of Origin | Sweden   |



## Identification and Status

|            |            |
|------------|------------|
| HS Code    | 8517620000 |
| Dual Usage | No         |

## Physical Features

|                  |                   |
|------------------|-------------------|
| Form Factor      | Brick (pluggable) |
| Contains Battery | No                |

## CC-Link Features

|                                 |                                                                                 |
|---------------------------------|---------------------------------------------------------------------------------|
| CC-Link Mode                    | CC-link Remote Device                                                           |
| CC-Link Supported Functionality | CC-Link v.1.10 (default). CC-Link v.2.00. Automatic CC-Link system handshaking. |
| CC-Link Configuration File      | CSP available                                                                   |
| CC-Link Baud Rate               | Common Baudrates up to 10 Mbps                                                  |
| CC-Link Output Data Size        | 368 bytes (CC-Link v.2.00)                                                      |
| CC-Link Input Data Size         | 368 bytes (CC-Link v.2.00)                                                      |

## Certifications and Standards

|                        |          |
|------------------------|----------|
| RoHS Compliant         | Yes      |
| Product Certifications | RoHS, UL |
| UL Information         | E214107  |