Anybus CompactCom 40 Brick CC-Link



Enable communication between industrial devices and CC-Link networks

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.

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

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Identification and Status

HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

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
UL Information	E214107