Anybus CompactCom 40 Module CC-Link IE TSN



Item number: AB6614-C

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

Enable communication between industrial devices and CC-Link IE TSN 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.

CLPA pre-certified

Pre-certified with CLPA 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.

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General

Net Weight (g)	34
Packed Width (mm)	12
Packed Height (mm)	2
Packed Depth (mm)	8
Packed Weight (g)	50
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)	C
Current Consumption Max value at Vcc nom (mA)	up to 1000 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).
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	AB6614-C
Predecessor	AB6614-B

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Identification and Status

Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	3A991.a.2

Physical Features

Connectors / Input / Output	2x RJ45
LED Indicators	Integrated on the front. Indicates Cycle Transmission and Error Status.
Form Factor	Module
Contains Battery	No

CC-Link IE TSN Features

CC-Link IE TSN Mode	CC-Link IE TSN Class B Remote Station
CC-Link IE TSN Supported Functionality	VLAN time slot configuration
CC-Link IE TSN Configuration File	CSP available
CC-Link IE TSN Bandwith	Up to 1 Gbit/s
CC-Link IE TSN Input Data Size	1420 bytes
CC-Link IE TSN Output Data Size	1420 bytes

EtherCAT Features

EtherCAT Output Data Size	1486 bytes

Certifications and Standards

RoHS Compliant	Yes
UL Information	E214107