Anybus CompactCom 40 Brick Modbus Serial Interface - CC-Link IE Field

Item number: AB6795-D

The Anybus CompactCom 40 Brick Modbus Serial Interface is a communication interface that can be embedded into any serial device or machine to enable communication to CC-Link IE Field 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 IE Field 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.

Simplified integration

The Anybus CompactCom Modbus Serial is an easy-to-use, low-cost communication solution tailored for simple industrial field devices.

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 for CLPA 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.

Supports hardware changes

Possible to swap or install late in the manufacturing process.

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General

Related Accessories	AB6669-B
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	Modbus serial (Modbus RTU)
Isolation	Galvanic Isolation
Content of Delivery	CompactCom B40 module
Mounting	PCB mounting via pin header
Warranty (years)	1 year

Identification and Status

Product ID	AB6795-D

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Identification and Status

Predecessor	AB6795-C
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

Form Factor	Brick (pluggable)
Contains Battery	No

CC-Link IE Field Features

CC-Link IE Field Mode	CC-Link IE Field Network intelligent device station
CC-Link IE Field Supported Functionality	Seamless Message Protocol (SLMP) server supported. Transient server functionality supported.
CC-Link IE Field Configuration File	CSP available
CC-Link IE Field Bandwith	Fixed 1 Gbit/s
CC-Link IE Field Input Data Size	1536 bytes
CC-Link IE Field Output Data Size	1536 bytes

Certifications and Standards

RoHS Compliant	Yes
UL Information	E214107