



CC-Link News

Anybus CC-Link Drive Profile CompactCom

The Anybus-CompactCom Drive Profile range of products for CC-Link extends the Anybus-CompactCom concept with additional Drive Profile functionality. This extended software functionality makes it easier for drive manufacturers to make products which comply with the latest communication standards for drives.



Device Profiles specify how the network communication system is to be used for devices for a specific application area. The use of profiles reduces engineering costs significantly, since the meaning of parameters related to the application is precisely specified. All Anybus-CC Drive Profile modules have the same hardware interchangeability as standard Anybus-CC modules. The software interface of the drive profile modules permits a standardised access to the drive parameters independent of the network type.

The drive profile software interface functions are similar to the standard Anybus-CC modules but offer enhanced features. Automation devices that have an existing standard Anybus-CC slot need only to upgrade the software interface one time. After this upgrade, they can use the full range of standard modules and drive profile modules for an even more flexible communication interface.

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The Anybus-CompactCom Drive Profile CC-Link communication module provides instant CC-Link Drive Profile connectivity via the uniform Anybus-CompactCom host interface. Any device that supports this standard can take advantage of the features provided by the module, allowing seamless network integration regardless of network type. The module support Drive operations according to the Inverter profile of CC-Link. When used in standard mode the module supports CC-Link version 1.1 but during initialisation can be configured for CC-Link version 2.0 functionality.



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KEY FEATURES

- Remote bus device
- Drive Profile operation according to the Inverter Profile
- Galvanically isolated bus electronics
- CC-Link parameter channel support according to the Inverter Profile
- Up to 128 I/O (bit) points and 16 words (16 bit) of data (CC-Link v1.1)
- Up to 896 I/O (bit) points and 128 words (16 bit) of data (CC-Link v2.0)
- Automatic CC-Link System Area handshaking
- Possibility to customize Vendor Code, Model Code and Version via application interface

TECHNICAL SPECIFICATIONS

Size:	52 mm x 50 mm x 22 mm
Power Supply:	3,3 Volt
Temperature:	-40 to +70°C
Baud Rate:	156kbit/s to 10Mbit/s
Configuration Method:	Application interface (switch 1&2)
Application Interface:	Parallel and serial
Order Code:	AB6373 (Without Housing)

About the CLPA

The CC-Link Partner Association (CLPA) is an international organisation with over 1,200 member companies. The partners' common objective is promotion of the technical development and adoption of the standardised network technologies CC-Link, CC-Link Safety, and CC-Link IE Gigabit Industrial Ethernet.

Over 1,200 certified products are now available for the CC-Link network family from over 250 manufacturers worldwide. Seven million CC-Link devices are installed, increasing at over one million annually.

CC-Link is now the leading industrial fieldbus protocol in Asia and it is becoming increasingly popular in Europe and America as well. In addition to its European headquarters in Ratingen, Germany, the CLPA also has four regional offices in England, Poland, Turkey and the Ukraine.

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