2017.Dec.

CC-Link Partner Association

English version

Japan
Korea
Taiwan
Americas
Europe
China

ASEAN
India
Turkey
Mexico
Thailand

CC-Link Partner Product Catalog

CC-Link IE Control

CC-Link IE Field

CC-Link IE Field Basic

CC-Link IE Field Motion

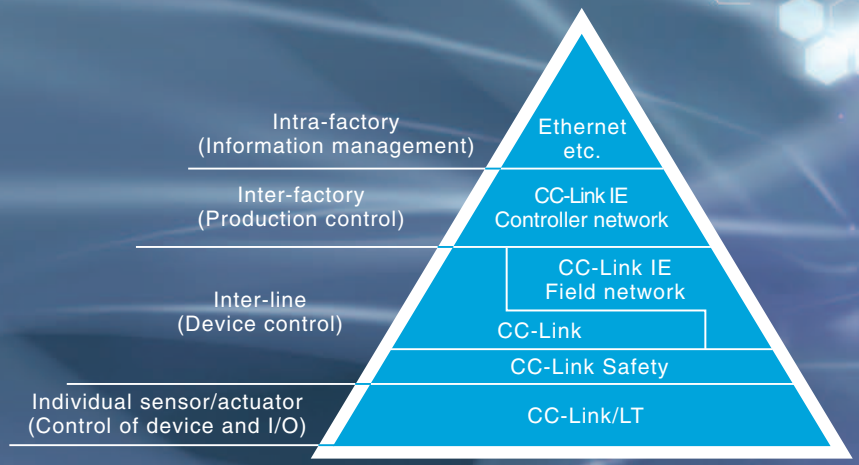
CC-Link

SLMP Seamless Message Protocol

Plentiful partner products as various as your network needs

In addition to ISO, adopted also as an IEC International Standard, CC-Link has become a genuine world standard network.
More than 1,000 types of products support the connection with CC-Link, and further growth is expected for the future.
From CC-Link to CC-Link/LT and CC-Link Safety, the lineup of the CC-Link family has been expanding, always satisfying the needs of time. Now, here comes an Ethernet-based CC-Link IE controller network, leading the integration of industrial networks.
A variety of products are already in the queue for release.
When you pick up a product that supports the CC-Link connection, the potential of your FA system is expanded to the world.
In this catalog, you see a lineup of all types of reliable products, each of which supports the CC-Link connection and has passed conformance tests. Find a product type that best suits your use and purpose.

◎For the latest updates, specifications, and relevant information, please contact each manufacturer.



CLPA presents a new integrated network concept: CC-Link IE
The CC-Link family is exceeting field network borders

Ethernet-based integrated network CC-Link IE	The CC-Link IE Controller network is a backbone network that controls field networks and is capable of handling distributed control of high-speed and large data transmissions. CC-Link IE Field network is designed for the intelligent, new manufacturing systems that consist of control data of devices and management data such as logs and diagnostics as well as require high-speed and large data transmissions.	◎Ethernet base ◎High speed & Large scale shared data ◎Seamless communication ◎Enhanced troubleshooting function
For the control of devices on the line CC-Link	CC-Link is a high speed field network that can handle control and information at the same time. Its communication speed is as fast as 10 Mbps, the maximum overall cable extension length is 100 m, and up to 64 remote stations are supported. This overwhelming performance has been recognized more and more widely. Having already obtained SEMI certification, CC-Link is becoming an open technology faster and faster.	◎High speed communication ◎Overall cable extension length: 100 m to 1,200 m ◎Directivity improved by a repeater ◎High speed cyclic transmission, large capacity transient transmission (message data)
For networked communication in a control board and a device CC-Link/LT	CC-Link/LT is a network that reduces wiring in a control board and a device, relieving the site workers from the possibility of incorrect wiring. You can easily reduce wiring that connects sensors and actuators with their controller. Moreover, CC-Link/LT provides high speed response time and executes high performance communication inherited from CC-Link.	◎Fast response ◎Easy installation by connector connections ◎Easy expansion by T-junction connection ◎Single cable for communication and power supply
For reliable safety CC-Link Safety	CC-Link Safety is a safe network system for securely operating your system. The system provides communication as fast as CC-Link. In addition, the system has high compatibility with CC-Link. CC-Link dedicated cables enable you to use existing resources such as conventional CC-Link remote stations.	◎Fast response ◎Detection of communication errors ◎Utilization of existing resources ◎RAS function ◎Effective development of supported products

Products in this catalog are categorized into following 3 types; Compliant, Recommended, and Reference. (See the table below.)

Master	Compliant
Slave	Compliant
Peripheral devices	Compliant Recommended Reference

For example, in the CC-Link IE section shown in the Table of Contents on the right,
Master refers to “PLC” and “PC • others”,
Slave refers to “HMI”, and
Peripheral devices refer to “Cable connecters”, “Peripheral software”, and “Tool”.

CC-Link Compliant products
Refer to products that are designed in accordance with the CC-Link specifications to be compliant with CC-Link. Such products meet the specifications set by CLPA and have passed the conformance tests conducted by CLPA.

CC-Link Recommended products
Refer to products that meet the specifications set by CLPA and have passed the Recommended product tests conducted by CLPA.

CC-Link Reference products
Refer to products that CLPA has not confirmed their connectivity but have been used by the CLPA partner.

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CC-Link Partner Association

What is "CC-Link Partner Association"?

"CC-Link Partner Association" is a organization made up of partner-manufacturers developing "CC-Link" products, and was established to expand "CC-Link" throughout the world.
Japanese name : CC-Link 協会　English name : CC-Link Partner Association　Abbreviation : CLPA
(CC-Link products…CC-Link, CC-Link/LT, CC-Link/Safety, CC-Link IE)

The Board of Directors consisting of nine firms operates CLPA and decides on major association issues.

Board of Director firms: 3M, BALLUFF, CISCO, COGNEX, IDEC, NEC, Pro-face by Schneider Electric, MITSUBISHI ELECTRIC, molex

We help users in building automation systems, and vendors in developing CC-Link compatible products.
Under the motto "CC-Link, the open field network, will become world's de facto standard", CLPA was established in November 2000. Ever since, the Board of directors, Marketing Task Force and Technical Task Force have joined forces to help the vendors to develop compatible products and the users to build up FA systems.

Vendor Support

- Exhibiting at shows
- Planning and management of technical seminars
- Distribution of product information via the Internet
- Distribution of catalogs and reference materials for selecting CC-Link compatible products
- Support for developing CC-Link compatible products
- Execution of conformance tests
- Admission procedures into CC-Link Partner Association

User Support

- Distribution of product information via the Internet
- Distribution of catalogs and materials for selecting CC-Link compatible products

If you obtain membership in the CC-Link Partner Association

- You can obtain the latest technical information about the CC-Link.
- You can obtain the CC-Link Specification free of charge.
- You are informed of the latest CC-Link specifications and can, therefore, develop new products ahead of your competitors.
- You can promote the products you've developed.

*The CC-Link Specification consists of
1. Overview/Protocol
2. Implementation
3. Profile

What is a conformance test?

- You can rely on CC-Link products. All of the CC-Link certified products sold by partner-manufacturers have passed conformance tests to ensure compatibility.
- This test is carried out on each model to ensure a high reliability in the communication of products compatible with the CC-Link family.

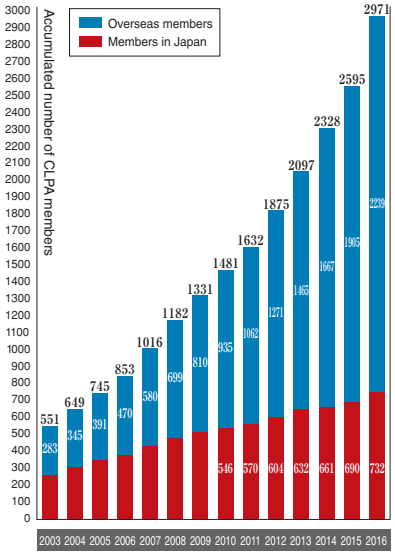
(Example)
* Power supply noise test (AC/DC) ··· Check the noise resistance on the power cable of the product.
* Branch line noise test ··· Check the noise resistance of the product for the noise applied to the CC-Link communication cable.
* Surging test with 64 stations connected … Checks communication reliability with the maximum number of stations connected.

Adoption rate of the CC-Link

Many member firms come crossing the boarders to join CLPA.

Though starting with only 134 member firms when CLPA was established, it is expected to reach more than 2971 member firms in financial year 2016 (as of the end of March 2017). The overseas firms account for as much as 70 % of the memberships, providing a solid evidence that the world has recognized that CC-Link IE and CC-Link have become true global standards.

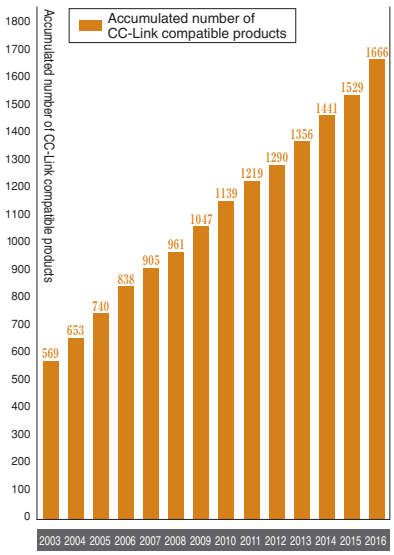
◎Growing CLPA members



A line of diversified CC-Link compatible products, as many as the number of user voices.

With the increasing number of vendor firms joining CLPA, the accumulated number of CC-Link IE and CC-Link compatible products is now over 1,600 models. Partner companies also receive the benefit of their products being promoted in various CLPA activities free of charge, including the CC-Link Product Catalog.

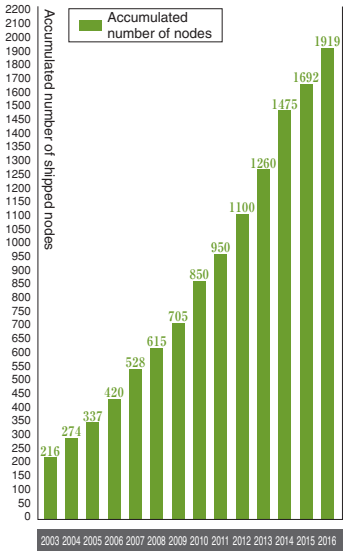
◎Increase of number of CC-Link compatible products



As a sign of our global acceptance, the total number of shipped devices is around 19 million.

The growth of the installed base is being driven by the automotive, semiconductor and LCD panel industries. We expect that this growth will continue to accelerate as industries such as food and beverage, consumer packaged goods and others adopt our technology.

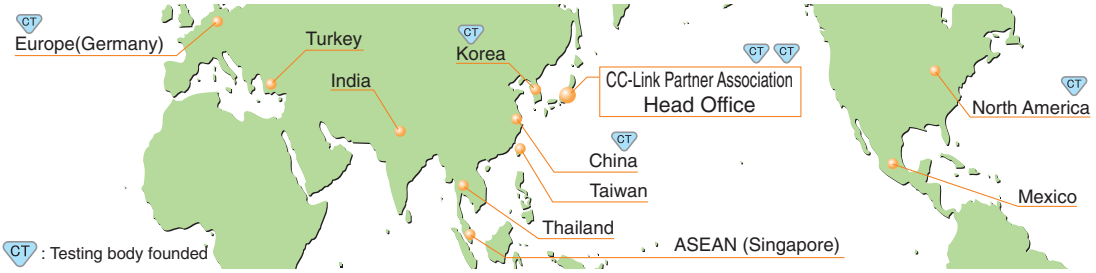
◎Increase of number of shipped nodes (Unit:10000 nodes)



CLPA further accelerates the momentum of the CC-Link that opens potential on a global scale.

Global support system

The CC-Link Partner Association has branches not only in Japan but also in overseas countries to find more partner companies and seek for customers' convenience.



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The high-level technology and ease-of-use

CC-Link has been certified to conform to the international standards, IEC Standards and SEMI Standards for the semiconductor and FPD industries, JIS, Chinese National Standards, ISO Standards, Korean National Standards and Taiwanese Standards. Although it was a de facto standard in Japan, now it is recognized as a global standard in name and reality. This open network provides communication compatibility, strongly demanded for open networks, and a wide variety of compatible goods. These dramatically improve production efficiency when building systems or applications. CC-Link's high technological levels and ease-of-use are recognized throughout the world.

CLPA membership categories (price excluding tax)

		Registered member	Regular member	Executive member	Board member
Annual dues		—	JPY 100,000	JPY 200,000	JPY 1,000,000
Initiation fee		—	—	—	JPY 1,000,000
Acquisition of product specification		Provided for free upon membership registration			
License to use CC-Link technology	SLMP*	Included			
	Other than SLMP*	—	Included		
Conformance test fee (per device)	Master, local and intelligent device stations for CC-Link and normal station of CC-Link IE Control Master and local stations, intelligent device stations, remote device stations of CC-Link IE Field	—	JPY 300,000	JPY 200,000	Included in the annual membership fee
	CC-Link remote device and I/O stations, cables and miscellaneous products CC-Link/LT master and slave stations, cables and miscellaneous products		JPY 200,000	JPY 100,000	
	Approved software products		JPY 50,000	JPY 20,000	
	CC-Link IE Field Basic		JPY 50,000	JPY 20,000	
	SLMP* connectable products		—	—	
Recommended product test fees (per model)	Recommended network wiring parts for CC-Link IE Control and CC-Link IE Field		JPY 100,000	JPY 50,000	
Use of CC-Link logo		—	Included		
Technical support		—	Included		
Including products in the on-line and paper product catalogues (no charge)		—	Included		
Promotion at fairs		—	Included		
Information about events Posting of corporate name on CLPA web site		Included			

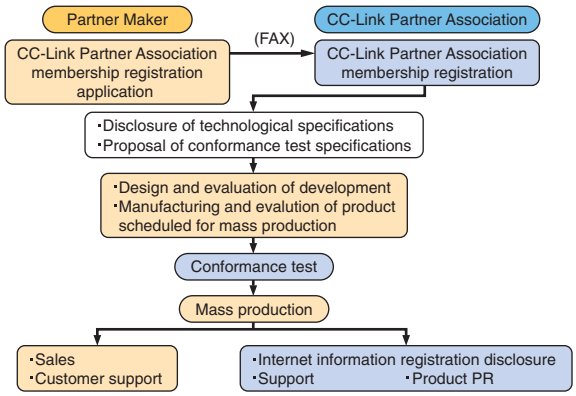
*SLMP: Seamless Message Protocol

From a Japanese defacto standard to a Global Standard!!

International Standard: ISO	ISO15745-5: CC-Link approved in January 2007.
International Standard: IEC	IEC61158: CC-Link approved in December 2007.
	IEC61784: CC-Link approved in December 2007.
	IEC61158: CC-Link IE Field approved in August 2014.
	IEC61784: CC-Link IE Field approved in August 2014.
	IEC61784-3-8: CC-Link IE Safety approved in August 2016.
SEMI Standard	SEMI E54.12: CC-Link approved in 2001.
	SEMI E54.23-0513: CC-Link IE Field approved in May 2013.
Chinese National Standard: GB	GB/Z 19760-2005: CC-Link approved in December 2005.
	GB/T 20229.4-6 Chinese BA (Building Automation) standard: CC-Link appeared in December 2006.
	GB/T 19760-2008 Chinese highest standard for industrial networks: CC-Link approved in June 2009.
	GB/Z 29496.1.2.3-2013: CC-Link Safety approved in June 2013.
	GB/T 33537.1~.3-2017: CC-Link IE approved in April 2017.
Japan Industrial Standard: JIS	JIS TR B0031: CC-Link approved in May 2013.
Korean National Standard: KS	KSB ISO 15745-5: CC-Link approved in March 2008.
	KSC IEC 61158/61784: [CC-Link] Certified in December 2011.
	KSC IEC 61784-5-8: [CC-Link/CC-Link IE] Certified in December 2014.
	KS: CC-Link IE Safety to be approved in 2017.
Taiwan Standard: CNS	CNS 15252X6068: CC-Link approved in May 2009.

Admission to the Association and flow of commercialization

If you want to be a member of the Association, confirm and agree to the membership regulations, fill in the application form, and send it to the CC-Link Partner Association by fax. We are waiting for your application for admission and inquiries.



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CC-Link IE Field Basic

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MITSUBISHI ELECTRIC CORPORATION | CC-Link | PLC

CC-Link Master Block for FX2N-16CCL-M Micro PLCs

A CC-Link system can be constructed with an FX PLC.

Features

- With an FX PLC used as the master station, a high-speed field network system can be constructed at low cost.
- Since our FA equipment or that of other CLPA members, compatible with the CC-Link can be connected, any equipment configuration optimum for control required by customers can be constructed using a high-speed field network.
- A network requiring less wiring and space can streamline wiring work and reduce installation and maintenance costs.

Station type	Master station (without local station and standby station functions)
Number of stations occupied	
CC-Link version	Conforming to Ver.1.10
External dimensions	85(W)×90(H)×87(D) mm
Mass	0.4 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PLC

MELSEC-Q series CC-Link Master/local module QJ61BT11N

It is a master/local module for MELSEC-Q series PLC.
The CC-Link connects the CPUs of various MELSEC series PLCs within a single network.

Features

- These modules are available as master or local stations for the CC-Link.
- CC-Link parameters can be set on the Parameter Setting screen of the programming software GX Works 2 for the MELSEC.
- Setting a standby master station can maintain a data link even if there is something wrong with the regular master station. Additionally, a redundant function enables the master station to return to the system even during data link control at the standby master station in anticipation of the breakdown of the standby master station.
- High-speed communication is available in remote I/O network mode only when slave stations are remote I/O stations. (Parameter setting is not required either.)

Station type	Master, local station
Number of stations occupied	1 to 4 stations (for local stations)
CC-Link version	Ver. 2
External dimensions	98(H)×27.4(W)×90(D)[mm]
Mass	0.12kg
Standard Price	35,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MELSEC-L Series CC-Link embedded CPU L26CPU-BT / L26CPU-PBT

The MELSEC-L series CPU has a built-in CC-Link function.
The CC-Link connects the CPUs of various MELSEC series PLCs within a single network.

Features

- These modules are available as master or local stations for the CC-Link.
- CC-Link parameters can be set on the Parameter Setting screen of the programming software GX Works 2 for the MELSEC.
- When used as local station or standby master station, transmission speed can be set to "automatic flattery".

Station type	Master, local station
Number of stations occupied	1 ～ 4 stations
CC-Link version	Ver.2
External dimensions	90(H)×98.5(W)×95(D)[mm]
Mass	0.47kg
Standard Price	178,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MELSEC-L Series CC-Link master/local station LJ61BT11

Master/local station for MELSEC-L Series.
The CC-Link connects the CPUs of various MELSEC series PLCs within a single network.

Features

- These modules are available as master or local stations for the CC-Link.
- CC-Link parameters can be set on the Parameter Setting screen of the programming software GX Works 2 for the MELSEC.
- When used as local station or standby master station, transmission speed can be set to "automatic flattery".
- High-speed communication is available in remote I/O network mode only when slave stations are remote I/O stations.

Station type	Master, local station
Number of stations occupied	1 ～ 4 stations
CC-Link version	Ver.2
External dimensions	90(H)×28.5(W)×118(D)[mm]
Mass	0.15kg
Standard Price	35,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
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<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PLC

CC-Link master block FX3U-16CCL-M

This is a special function block for FX3G/FX3GC/FX3U/FX3UC PLCs.
Up to 8 remote I/O stations and 8 remote device stations / inteligent device stations can be connected to the master station.
(For an FX3G as master, maximum 4 remote I/O stations)

Features

- Compatible with CC-Link Ver. 2.00 and Ver. 1.10
- The FX3U-16CCL-M supports connection of intelligent device stations (NOTE. Local stations can not be connected.)
- The FX3U-16CCL-M supports the setting of network parameters.
- The FX3U-16CCL-M supports the remote device station initialization procedure registration function.
- The FX3U-16CCL-M supports the other station access function from CC-Link.

Station type	master
Number of stations occupied	-
CC-Link version	Ver.2.00 (Ver.1.10 also)
External dimensions	55W × 90H × 87D[mm]
Mass	0.3[kg]
Standard Price	35,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/
<URL> http://wwwf2.mitsubishielectric.co.jp/melfansweb/fx_spec/fxDirectProductInfoServlet.do?katamei=FX3U-16CCL-M

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PLC

MELSEC-WS Series CC-Link Interface Module WS0-GCC100202

Safety control can be easily added to existing MELSEC PLCs.

Features

- Just set parameters to have a MELSEC product monitor data and get notifications from the safety controller.
- Add the safety controller as a remote device station to your existing CC-Link network.

Station type	Remote device station
Number of stations occupied	1 ～ 4 station
CC-Link version	Ver.1.10
External dimensions	69.5(H)×22.5(W)×120.8(D) [mm]
Mass	0.12kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MELSEC iQ-R Series CC-Link master/local station RJ61BT11

Master/local station for MELSEC iQ-R Series.
The CC-Link connects the CPUs of various MELSEC series PLCs within a single network.

Features

- These modules are available as master or local stations for the CC-Link.
- CC-Link parameters can be set on the Parameter Setting screen of the programming software GX Works 3 for the MELSEC.
- When used as local station or standby master station, transmission speed can be set to "automatic flattery".

Station type	Master, local station
Number of stations occupied	1 to 4 stations (for local stations)
CC-Link version	Ver.2
External dimensions	106(H)×27.8(W)×131(D) [mm]
Mass	0.16kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.com/fa/

AnS series Master/local module A1SJ61BT11

It is a master/local module for MELSEC AnS series PLC.
The CC-Link connects the CPUs of various MELSEC series PLCs within a single network.

Features

- These modules are available as master or local stations for the CC-Link.
- Setting a standby master station can maintain a data link even if there is something wrong with the regular master station.

Station type	Master, local station
Number of stations occupied	1 to 4 stations (for local stations)
CC-Link version	Ver. 1
External dimensions	
Mass	0.25kg
Standard Price	35,000円

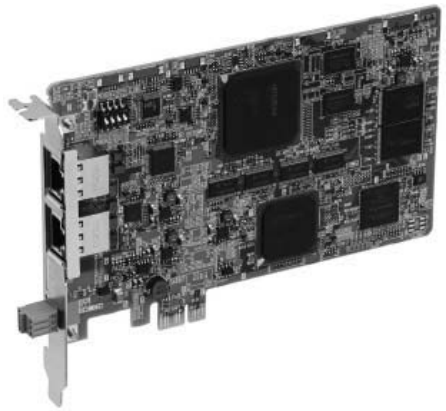
Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PLC

CC-Link IE Field Network Simple Motion Board MR-EM340GF

Motion control on PC Environment with CC-Link IE Field Network



Features

●The optimal solution with numerous motion control

●Flexible connection for various field device with CC-Link IE Field Network

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://kr.mitsubishielectric.com/fa/ko/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PLC

FCU8-EX561 CC-Link Interface Unit for MITSUBISHI CNC M800W/M800S/M80 series

Functioning as CC-Link's master and local stations.

Features

●Functioning as CC-Link's master and local stations, an NC unit can be directly connected to a network.

Station type	
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.2.0
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PLC

MELSEC iQ-F Series CC-Link system master/intelligent device module FX5-CCL-MS

Master/intelligent device station for MELSEC iQ-F Series.
The CC-Link connects the CPUs of MELSEC iQ-F series PLCs within a single network.

FX5-CCL-MS

Features

- These modules are available as master or intelligent device stations for the CC-Link.
- When operating as master station, max.12 remote I/O stations and max.12 remote device stations and intelligent device stations can be connected. Total max.24 stations can be connected.
- CC-Link parameters can be set on the Parameter Setting screen of the programming software GX Works 3 for the MELSEC.
- When used as intelligent device station, transmission speed can be set to "automatic flattery".

Station type	master staion/intelligent device station
Number of stations occupied	1 to 4 stations (for intelligent device stations) ¥r¥n with some restrictions for extended cyclic setting
CC-Link version	Ver. 2.00 (Ver. 1.10 also supported.)
External dimensions	50W×90H×83W
Mass	0.3kg
Standard Price	35,000円

Contact

<URL> http://www.mitsubishielectric.co.jp/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PLC

QnAS series Master/local module A1SJ61QBT11

It is a master/local module for MELSEC QnAS series PLC.
The CC-Link connects the CPUs of various MELSEC series PLCs within a single network.

Features

- These modules are available as master or local stations for the CC-Link.
- CC-Link parameters can be set on the Parameter Setting screen of the programming software GX Developer for the MELSEC.
- Setting a standby master station can maintain a data link even if there is something wrong with the regular master station.

Station type	Master, local station
Number of stations occupied	1 to 4 stations (for local stations)
CC-Link version	Ver. 1
External dimensions	
Mass	0.25kg
Standard Price	35,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

M-System Co., Ltd.

CC-Link | PLC

CC-Link Master Module FAMCL-01

CC-Link master module for Yokogawa PLC FA-M3V

Features

- Compatible with various CC-Link slave devices; conforming with CSP+
- A wide variety of M-System remote I/O available
- Configurable via CPU module

Station type	Master station
Number of stations occupied	
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	W30xH102xD118 mm
Mass	150 g
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

KEYENCE CORPORATION

CC-Link | PLC

Master/local module for the series KV-CL20 and KV-5500/5000/3000/1000/700.

Newly compatible with the series KV-5500/5000/3000 products with a standard feature of the ultra-high speed & Ethernet (FL-net) (The Ethernet function is available only for KV-5500/5000).
Enables to construct a network utilizing the features of the ultra-high speed and huge capacity of the CPU module.

Features

- Compatible with a variety of operational stations. Master station / master station (dual system) / waiting master station / local station
- The KV STUDIO (a ladder support software) has a connection setting tool as a standard feature.
- Equipped with the functions of automatic configuration, master module monitor and link device monitor.

Station type	Master station/Local station
Number of stations occupied	1 to 4 stations (for local stations)
CC-Link version	Ver. 2
External dimensions	35(W)×90(H)×80(D) mm
Mass	Approx.0.11 kg
Standard Price	お問い合わせください

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.com
<URL> http://www.keyence.com.sg/products/plc/plc/kv5000/kv5000.php
<E-mail> info@keyence.co.jp

CC-Link Network Interface Board Q80BD-J61BT11N, Q81BD-J61BT11

This is a CC-Link Ver.2 Interface Board.
It enables data communications between the computer and programmable controllers.

Q81BD-J61BT11

Features

- A program for a CC-Link Ver.1 board can also be used with a CC-Link Ver.2 board.
- Parameter settings for a CC-Link Ver.1 board can also be used with a CC-Link Ver.2 board.
- Parameters can easily be set.
- Displays test information and monitor information related to the CC-Link system.
- The software package for Windows is included the interface board. (The manual to develop a driver for various OSs is provided for cutomers who use the board with an OS other than Windows.)

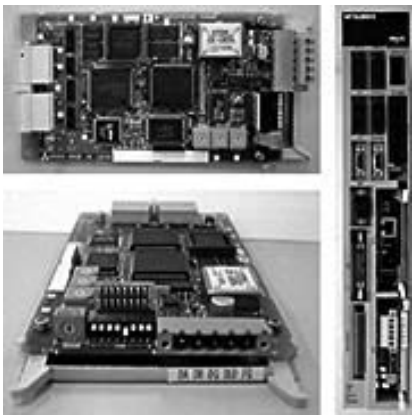
Station type	Master station or local station
Number of stations occupied	1 to 4 stations
CC-Link version	-
External dimensions	121(H)×158(W)×18(D)[mm]
Mass	0.11kg
Standard Price	120,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Master/Local Station Board for CNC C64 for Machining Lines

As a master or local station for the MELSEC CC-Link, the CNC MELDAS C64 for machining lines can be connected directly to a network



Features

- Up to two communication boards (FCU6-HR865) can be connected to the MELDAS C64.

Station type	
Number of stations occupied	1 station or 4 stations
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PC・others

IU2-1ECLM-100 CC-Link Communication Board

This is the Mitsubishi Intelligent Inspection Unit MELQIC IU2 Series CC-Link Communication Board.

Features

- This is the Mitsubishi Intelligent Inspection Unit MELQIC IU2 Series expansion board.
- This board can be used by inserting it into a MELQIC IU2 series inspection unit slot.
- This extension board easily connects an inspection unit incorporating the MELQIC IU2 with line-control PLCs and a variety of other devices via the CC-Link.

Station type	Master station/local station
Number of stations occupied	1 station or 4 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link | PC・others

FCU7-HN746 CC-Link Interface Unit for MITSUBISHI CNC M700VS/M70V series

Functioning as CC-Link's master and local stations

Features

- Functioning as CC-Link's master and local stations, an NC unit can be directly connected to a network.

Station type	
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.2.0
External dimensions	
Mass	

Contact

USA	TEL : +1-847-478-2100	Brazil	TEL : +55-11-4689-3000
Germany	TEL : +49-2102-486-0	UK	TEL : +44-1707-28-8780
Italy	TEL : +39-039-60531	Spain	TEL : +34-93-565-3131
France	TEL : +33-1-5568-5568	Czech Republic	TEL : +420-251-551-470
Poland	TEL : +48-12-630-47-00	Russia	TEL : +7-812-633-3497
South Africa	TEL : +34-93-565-3141	China	TEL : +86-21-2322-3030
Taiwan	TEL : +886-2-2299-2499	Korea	TEL : +82-2-3660-9530
Singapore	TEL : +65-6470-2308	Thailand	TEL : +66-2906-3238
India	TEL : +62-20-2710-2000	Australia	TEL : +61-2-9684-7777
Indonesia	TEL : +62-21-663-833		

Type ECP-CL2BD For CompactPCI CC-Link Interface Board

The control and the monitor of a device connected to a CC-Link Ver.2 system with the computer for CompactPCI can come out.

Features

- ●ECP-CL2BD becomes the master station or the local station of the CC-Link Ver.2 system, and monitor and control of devices connected to CC-Link.
- ●With attached utility software, can perform the setting of the CC-Link parameters, monitering of the other station, setting of PLC connection, line test and hardware test.
- ●The communication function library to develop an application to apply the ECP-CL2BD is attached.

Station type	Master, Standby Master or Local Station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.2.0
External dimensions	210 × 131 × 20 [mm]
Mass	0.11kg
Standard Price	138,600円

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-568-36-2068 (Tech support)
<URL> http://www.mee.co.jp/
<URL> http://www.mee.co.jp/sales/fa/meefan/cc-link/ecp-cl2bd_feature.html

CC-Link Master / Local station IF OP-23

An AD5435 series expansion board for CC-Link master / local station communication.

Features

- ●The AD5435 system controller for high-speed measurement and control can be embedded into CC-Link.
- ●One board can be mounted in the main body of AD5435.
- ●MATLAB / Simulink model enables the development of control logics.

Station type	マスタ／ローカル局(待機マスタ局機能無)
Number of stations occupied	1 ～ 4局(ローカル局設定時)
CC-Link version	Ver.1.10 , Ver. 2.0
External dimensions	
Mass	
Standard Price	お問い合わせ下さい

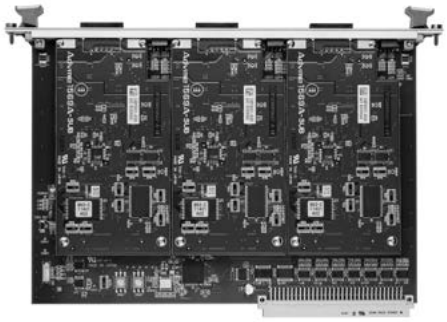
Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<URL> http://www.aandd.co.jp/
<E-mail> info@cc-link.org

Advanet Inc. | CC-Link | PC・others

VMEbus CC-Link communication slave board Advme1569A

Advme1569A is a slave board of VME bus for the communication of CC-Link (Control & Communication Link). This board acts as a local station or master station of CC-Link.



Features

- It is possible to incorporate CC-Link system to the VME bus interface system.
- I can be updated quickly and easily and numeric data ON / OFF information of input and output that another station is responsible for.
- You can read the monitor information on CC-Link.
- Supports. CC-Link Ver 2.00
- VME CC-Link board configuration VME carrier board (below the main board) CC-Link in daughter board (following sub-board).
  CC-Link up to 3ch by changing the number of the sub-board
  It can be equipped with an interface.

Station type	Master station, local station
Number of stations occupied	
CC-Link version	Ver. 2.00
External dimensions	VME6U size 1 slot width
Mass	440g (When mounted three sub-board)
Standard Price	Please contact us

Contact

Advanet Inc.
Headquarters
TEL : +81-86-245-2861
Tokyo Branch
TEL : +81-3-5294-1731
<URL> http://www.advanet.co.jp/en/index.html
<E-mail> sales@advanet.jp

Hitachi Industrial Equipment Systems Co.,Ltd. | CC-Link | PC・others

HF430α series Option for Inverter

SJ-CCL

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

<URL> http://www.hitachi-ies.co.jp/

CC-Link Interface Block for FX2N-32CCL Micro PLCs

This interface block is designed to connect an FX PLC to the CC-Link.

Features

- The FX2N-32CCL can be connected as a special extension block for an FX PLC.
- The number of remote input points and remote output points per station are both 32.
- The number of remote register points is four for an RWw write area and four for an RWr write area.
- Since the number of stations can be set between one and four, a system suited to the scale of control can be constructed.

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver. 1.00
External dimensions	43(W)×90(H)×87(D) mm
Mass	0.2 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

CC-Link interface special block FX3U-64CCL for FX3U series

An interface block for connecting Mitsubishi Electric Corporation's Micro Sequencer (or PLC) "FX3U series" to the CC-Link (V.2 compatible)

Features

- A slave station compatible with the CC-Link Ver.2 of the FX3U series
- Allows to connect an FX3U series product as a slave station to the CC-Link.

Station type	Intelligent device station
Number of stations occupied	1 to 4 stations (with limit to multiple setting)
CC-Link version	Ver.2 (Ver.1)
External dimensions	55(W)×90(H)×87(D) mm
Mass	0.3 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

AFCJ02 CC-Link Slave Interface

CC-Link Slave Interface for SYSMAC CJ1
This slave interface board connects OMRON PLC SYSMAC CJ1 to the host CC-Link.

Features

- You can easily connect OMRON SYSMAC CJ1 to the host PLC MELSEC, PC-Base Controller, and other CC-Link masters. Now, a high-speed data exchange is possible between Mitsubishi systems and OMRON systems dispersed in your production sites.
- A single CC-Link master can connect 16 SYSMAC CJ1 units at the maximum.
- CC-Link is a world-standard open field network developed in Japan. High-speed, stable I/O responses and expandability with a high degree of freedom - this overwhelming performance has been recognized, and CC-Link is certified by SEMI, ISO, and the Chinese national standard GB. CC-Link is accelerating to become an open technology.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10/Ver. 2.00
External dimensions	31(W)×90(H)×65(D)
Mass	Approx. 100 g
Standard Price	お問い合わせください

Contact

Headquarters, West Japan Office
1 Babazusho, Nagaokakyo-city, Kyoto 617-8550
<URL> http://www.anywire.jp
<E-mail> info@anywire.jp

AFMP-02-C/AFMP-02-CA CC-Link Slave Interface for YASKAWA ELECTRIC MP2000 Series

CC-Link Slave Interface with AnyWire DB Master for MP2200/2300 (YASKAWA ELECTRIC)
Slave interface board for connecting YASKAWA ELECTRIC PLC (machine controller) MP2200/2300 to the host CC-Link.

Features

- A single CC-Link master station can be connected to maximum 16 MP2200/2300s, connecting between a host PLC, e.g. MELSEC Q, and an MP with the CC-Link. (AFMP-02-C) AFMP-02-CA has the master function of AnyWire DB.
- Data, e.g. parameter data, can be exchanged between the host MP PLC and the slave MP PLC.
- The AnyWire DB less-wiring port with high resistance to electric noise is included as an option (AFMP-02-CA). Using the AnyWire less-wiring port enables free-wiring and free-topology I/O connection with up to 2560 points.
- The Dual Bus system of the AnyWire DB series can independently transmit two different kinds of processing, the bit ON/OFF control with Bit Bus and the analog parameter data transmission with Word Bus, through one transmission line using a full quadruplex communication chip. The use of high-speed application is realized, and the transmission of control data and information data can be integrated.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10/Ver. 2.00
External dimensions	19.3(W)×130(H)×97.8(D)
Mass	100 g
Standard Price	お問い合わせください

Contact

Headquarters, West Japan Office
1 Babazusho, Nagaokakyo-city, Kyoto 617-8550
<URL> http://www.anywire.jp
<E-mail> info@anywire.jp

AFSR-02 CC-Link Slave Interface for Yokogawa Electric FA-M3 Series

Slot-in-type CC-Link slave interface board enabling Yokogawa Electric PLC FA-M3 series devices to be connected to upper-order CC-Link

Features

- Yokogawa Electric FA-M3 series devices can be connected to host PLCs such as MELSECs, PC-Base Controllers, and other CC-Link masters. Data can be exchanged at high speeds between Mitsubishi and Yokogawa series devices.
- A single CC-Link master station can be connected to a maximum of 16 FA-M3 series devices.
- CC-Link, developed in Japan, is a world-standard open-field network. Its superior high-speed performance, stable I/O response, and highly flexible expandability are recognized and certified by SEMI, ISO, and GB, and its openness has spread.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10/Ver. 2.00
External dimensions	28.9(W)×100(H)×93.2(D)
Mass	Approx. 135 g
Standard Price	お問い合わせください

Contact

Headquarters, West Japan Office
1 Babazusho, Nagaokakyo-city, Kyoto 617-8550
<URL> http://www.anywire.jp
<E-mail> info@anywire.jp

AFCS02 CC-Link Slave Interface

CC-Link Slave Interface for SYSMAC CS1
This slave interface board connects OMRON PLC SYSMAC CS1 to the host CC-Link.

Features

- You can easily connect OMRON SYSMAC CS1 to the host PLC MELSEC,PC-Base Controller, and other CC-Link masters. Now, a high-speed data exchange is possible between Mitsubishi systems and OMRON systems dispersed in your production sites.
- A single CC-Link master can connect 16 SYSMAC CS1 units at the maximum.
- CC-Link is a world-standard open field network developed in Japan. High-speed, stable I/O responses and expandability with a high degree of freedom - this overwhelming performance has been recognized, and CC-Link is certified by SEMI, ISO, and the Chinese national standard GB. CC-Link is accelerating to become an open technology.
- 省配線、省工数、省スペース化の実現。
- MELSEC統合プログラミングツールで簡単にパラメータ設定できるため、設計から運転までの立ち上げ時間とコストを大幅に削減。

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	34.5W×130H×110.5D [mm]
Mass	172g
Standard Price	お問い合わせ下さい

Contact

Headquarters, West Japan Office
1 Babazusho, Nagaokakyo-city, Kyoto 617-8550
<URL> http://www.anywire.jp
<E-mail> info@anywire.jp

ABB Robotics | CC-Link | PLC

Gateway for all ABB Robots in S4 and IRC5 generation

The DeviceNet to CCLINK gateway offers an interface between the CC-link bus and the ABB Robot Controller. It enable users to any ABB Robot with S4 and IRC5 controllers to be connected to the CC-link network as a remote device station. It is handled by the network master. Typicaly, these robots are designed for painting, sealing, welding, handlind palletising. Figure include.

Features

- Direct connection to ABB robot controller
- Fast data transfer
- Seamless integration of ABB robots to manufacturing systems.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	110 x 170 x 45 [mm]
Mass	0,45 [kg]
Standard Price	

Contact

현지법인 ABB KOREA
서울특별시 강남구 테헤란로 503 옥산빌딩 7-10F, 15F
TEL : 02-528-3131 (로봇사업부:02-528-3070)
The CC-link option is used globally,
but mainly in Asia and in Europe & US in Japanese based faktories (Automotive).
The contact is the ABB sales organization.
The ABB Robotics sales organization handle all markeds globally.
<URL> http://www.abb.com/

Sekisui Jushi Cap-Ai System Co.,Ltd. | CC-Link | PLC

Contoller for CC-Link / ACC10161

The controller for CC-Link can cotrol Pick-to-Light system by a sequenser.

Features

- In the same system it can control other systems that are for CC-Link.
- It can be controlled by standard processes because it is for CC-Link.
- It can realize easily coupling of some type of equipments that are controlled by a sequenser.
- It can be valid for "Ver.2.0 Extensive Cyclic".
- It can be connected to the maximum 24 quantities of digital devices and also to revoling lights.

Station type	Remote Device Channel
Number of stations occupied	1, 2, 3,and 4 channel
CC-Link version	Ver.1.10 Ver2.00
External dimensions	241×60×132 [mm]
Mass	About 1.0 [kg]
Standard Price	

Contact

Sekisui Jushi Cap-Ai System Co.,Ltd. Sales Department
TEL : +81-3-6400-5155 FAX : +81-3-6400-5157
<URL> http://www.cap-ai.jp/
<E-mail> cap00@cap-ai.jp

AB023-C1 CC-Link Bit Distribution I/O

This is a CC-Link system digital I/O. This digital I/O has a reduced wiring function, allowing to mount various types of I/O terminal on needed place as needed. With a large variety of compatible I/O terminals, a maximum of 512 points for I/O are supported on up to 128 I/O terminals, which have minimal point dispersion.

Features

- Flexible assistant to connection of sensor and actuator signals scattering in CC-Link system
- Wiring is reduced in the wiring section of the drive system to improve reliability in connection and reduce total cost.
- Reduced wiring not requiring cable designation is adopted for I/O expansion. Up to 128 I/O units can be connected with general-purpose cables.
- The number of stations occupied in the CC-Link digital I/O system is reduced. Four stations in the conventional system can be reduced to only one station.

Station type	Remote device station
Number of stations occupied	1, 2, 3 or 4 station
CC-Link version	Ver. 1.10
External dimensions	44W×100H×66D
Mass	
Standard Price	

Contact

Headquarters, West Japan Office
1 Babazusho, Nagaokakyo-city, Kyoto 617-8550
<E-mail> info_e@anywire.jp

RL64E-366CL-000 Base amplifier of Remote Link System for CC-Link

RL64 transmits 64+32 bi-directional signals between a movable side and a fixed side inductively and connects them to CC-Link.

Features

- RL64 transmits 64 input signals from detection switches and 32 output signals to solenoid valves at one time inductively.
- RL64 supplies 24V DC/max.2A power to the moving part inductively at the same time to perform signal transmission.
- Since the wiring between a moving side and fixed side is not necessary, it is not only wiring-saving but also work-time-saving.
- The signal transmission and the power feeding are performed just to let heads of a fixed side and the moving side face.
- Distance between two heads is 4…9mm. Even if there is a glass or a resinous partition, the transmission has no problem.

Station type	Remote device station
Number of stations occupied	3 Stations
CC-Link version	Ver.1.10
External dimensions	W35×H200×D100 mm
Mass	0.57 kg
Standard Price	80,000円

Contact

B & PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp/
<URL> http://www.b-plus-kk.jp/topic.html#topics01
<URL> http://www.b-plus-kk.jp/products/remote/
<E-mail> b-plus@b-plus-kk.jp

DL-CL1 communication unit that is compatible with CC-Link

Makes it possible to directly connect the Laser Sensor, Digital Contact Sensor, and Digital Flow Sensor to CC-Link, which dramatically reduces wiring and enhances usability due to remote operations.

Features

- Less wiring/space: conventional sensor wiring (power supply/output) is no longer necessary, which reduces installation time.
- Status monitoring: Sensor status (ON/OFF, measurement values, setting values) can be monitored on a touch panel/PC.
- Reduced tool changeover time: setting can be changed with remote controls when the types of workpieces change.

Station type	Remote Device Station
Number of stations occupied	Ver1.10: 1 to 4 stations Ver2.0: 1 to 4 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	78.2(W) x 56.4(H) x 29.4(D) mm
Mass	Approx. 80g
Standard Price	

Contact

KEYENCE CORPORATION
Appli Sensor Division
TEL : 81-6-6379-1711 FAX : 81-6-6379-1710
<URL> http://www.keyence.com

Screw Terminal Block Type I/O Unit KV-RC series

An all-in type module equipped with three stages of input constant (0.2 ms/1.5 ms/10 ms) and input voltage switching (24 V/5 V or 24 V/12 V).

Features

- Input constant switch incorporated (0.2ms/1.5ms/10ms)*
- Input voltage switch incorporated (24V/5V, 24V/12V)*
- Self-up screw terminal block adopted
- 16-point module with relay terminal block function that does not require cross wiring

*Input unit only

Station type	Remote Device Station
Number of stations occupied	1 station
CC-Link version	Ver.2.00 or ver.1.10
External dimensions	179(W)×51.2(H)×40(D) mm
Mass	Approx. 0.25 kg / Approx. 0.26 kg / Approx. 0.29 kg
Standard Price	お問い合わせください

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.com
<URL> http://www.keyence.com.sg/products/plc/plc/kv5000/kv5000.php
<E-mail> info@keyence.co.jp

NU-CL1 communication unit that is compatible with CC-Link for digital sensors

Makes it possible to directly connect the NEO Series Digital Fiberoptic Sensor and Digiatl Laser Sensor to CC-Link, which dramatically reduces wiring and enhances usability due to remote operations.

Features

- Less wiring/space: conventional sensor wiring (power supply/output) is no longer necessary, which reduces installation time.
- Status monitoring: Sensor status (ON/OFF, intensity, setting values) can be monitored on a touch panel/PC.
- Preventive maintenance: detects sensor malfunctions by logging the intensity of the sensor.
- Reduced tool changeover time: setting can be changed with remote controls when the types of workpieces change.

Station type	Remote Device Station
Number of stations occupied	Ver1.10: 1 to 4 stations, Ver2.0: 3 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	78.2(W)x56.4(H)x29.4(D) mm
Mass	Approx. 80g
Standard Price	31,000円

Contact

KEYENCE CORPORATION
Sensor Division
TEL : 81-6-6379-1121 FAX : 81-6-6379-1120
<URL> http://www.keyence.com
<URL> http://www.keyence.com/products/sensors/fiberoptic/fsn/fsn.php
<E-mail> info@keyence.co.jp

MR-556

CC-Link to UART communication(Gateway)

Features

- 1 ～ 4 stations are selectable.
- A station has 32 outputs.
- Maximum 128 outputs if 4 stations are selected.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	151 × 23 × 80 [mm]
Mass	
Standard Price	

Contact

제조사 ㈜메티스
충청남도 천안시 동남구 목천읍 응원1길 69-83
TEL : 041-520-8256 FAX : 041-622-8087

METIS CO., LTD. | CC-Link | Digital I/O

MT99DK1-6432DT

Connection with the master station using CC-Link communication, send external input 64 points and receives 32 points from master station, receive form the sending points to the master station and function of external sending, it can export the output of DC 5V.
It is possible the check IO condition from the wireless device after connection with CC-Link Master.

Features

- CC-Link Ver : 1.10
  Device type : Remote Device
  Number of occupied station : 2
  INPUT : 64
  OUTPUT : 32
  DA Output port : 5V 4 channels.
  Built-in Bluetooth
  LCD checking the status of the Remote IO

Station type	REMOTE DEVICE
Number of stations occupied	2occupied
CC-Link version	Ver 1.10
External dimensions	170 x 100 x 58 (mm)
Mass	0.5kg
Standard Price	$ 727 ($1 / ₩1,100)

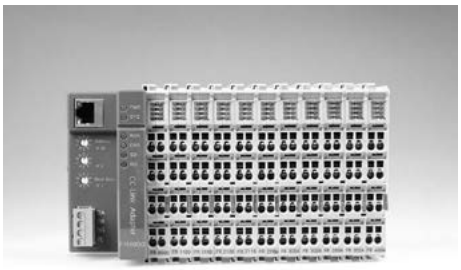
Contact

METIS Co., Ltd.
69-83, Eungwon1-gil, Mokcheon-eup, Dongnam-gu, Cheonan-si, Chungcheongnam-do, Korea
TEL : +82-41-622-8081
<URL> http://www.imetis.co.kr/
<E-mail> yym@imetis.co.kr

NANJING HUATAI AUTOMATION TECHNOLOGY CO.,LTD. | CC-Link | Digital I/O

CC-Link Adapter FR8000

smartLink Remote IO can plug digital module, analog module, temperature module, location module and count module into CC-Link system. It is stable, reliable and cost-effective.



Features

- Insertion type IO,easy expansion.
- Excellent backplane bus,data transmission "0" delay.
- All products have been passed CE and their performance is stable.
- All products' electrical characteristics comply with IEC61131-2 standards.
- Diagnostic function is rich and supporting for remote diagnosis and maintenance.
- Small siz,saveing installation space.

Station type	remote device station
Number of stations occupied	Occupancy station number:it could be equipped with 1 to 4 logical station(s)
CC-Link version	ver.1.1
External dimensions	Adapter (100mm x 69mm x 63mm) IO module (100mm x 68mm x 15mm)
Mass	0.13kg
Standard Price	

Contact

Nanjing Huatai Automation Technology Co., Ltd.
TEL : 025-82280158
<URL> http://www.smartlinkio.com
<E-mail> feng.hou@chinahdc.com

IRDM-CCL

Santest IRD series CC-Link communication module
Use in combination with the modules such as the linear sensor module or oil pressure servo module.

Features

- Able to acquire present position provided with submodule and change a parameter through CC-Link.
- We are preparing various types of submodule including GY linear sensor module (IRDS-GY) and oil air pressure servo module (IRDS-SV). Users can use in combination as needed.

Station type	Remote Device Station
Number of stations occupied	2-4 station
CC-Link version	Ver.2
External dimensions	55(W)×99(H)×111(D)mm (except projection)
Mass	250g
Standard Price	

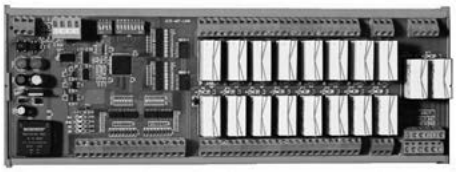
Contact

취급점썬덴코리아 주식회사
경기도 성남시 중원구 사기막골로 124 SKⓝ테크노파크 비즈센터 1409호
TEL : 031-776-0880

JCB-MIT-LINK-16+2

This product is a remote IO station with 16 inputs and 16 outputs.
Input signal(opticalcoupler) : DC24V
Output signal(relay) : MAX DC30V 16A OR AC250V 16A

Features



Station type	remote IO station
Number of stations occupied	1
CC-Link version	v1.1
External dimensions	L:335mm W:110mm H:60mm
Mass	0.8kg
Standard Price	RMB900.00

Contact

Tai Zhou Shi Yang CNC Equipment Co., Ltd.
JUAN CHEN
TEL : 0086-13812483030
<E-mail> 13812483030@139.COM
SUPPORT
TEL : 0086-13812480101 Mr WANG
<URL> http://www.saiyang.com.cn
<E-mail> saiyang@saiyang.com.cn

SC-GU2-C Communication Module Compatible with CC-Link

Digital sensors can be directly connected to CC-Link. Application time is reduced, and wires and spaces are saved.

Features

- The settings of the digital sensor can be saved to a file. You can easily refresh the settings when replacing the sensor, which reduces man-hours.
- The settings visualized in files enable you to check them in the case of a trouble, thus contributing to a quick recovery.
- The light intensity of a digital fiber sensor is periodically monitored, and a trouble of the sensor is detected and treated at an early stage, enabling "predictive maintenance".
- You can control the settings of a remote digital sensor over CC-Link. The man-hours of on-site workers are reduced to the minimum.

Station type	Remote device station
Number of stations occupied	1 station/4 stations, switchable
CC-Link version	Ver.1.10
External dimensions	35(W)×41.4(H)×103.9(D) mm
Mass	Approx. 70 g
Standard Price	30,000円

Contact

Panasonic Industrial Devices SUNX Co.,Ltd.
2431-1, Ushiyama-cho, Kasugai, Aichi 486-0901, Japan
Techinical Service : Toll Free 0120-394-205
Techinical Service : Toll Free 0120-336-394 (FAX)
<URL> http://www2.panasonic.co.jp/id/pidsx/j/company/index.html

Panasonic Industrial Devices SUNX Co., Ltd. | CC-Link | Digital I/O

CC-Link communication unit for digital sensors SC-GU3-01

Digital sensors are directly connected to CC-Link. Display value and set value of digital sensors can be indicated and set up at PC and/ or touch panel.

Features

- Information of digital sensors (light entrance value, threshold value, and other values) has CC-Link communication.
- Light entrance value of sensors can be given as Word information. This feature is useful for shipment control and traceability.
- Sensor amplifiers can be set up without sliding. This enables easy maintenance and exchange of sensors.
- 16 of 1-5 V analogue inputs can be received by using 1-5V analogue input unit: SC-T1JA.
- We offer PC software enables to monitor and to set up the sensors by connecting PC though Mitsubishi MEKSEC-Q series.

Station type	Remote device channel
Number of stations occupied	1 channel / 4 channel switchable
CC-Link version	Ver.1.10
External dimensions	40(W)×44.67(H)×104.15(D) mm
Mass	80g
Standard Price	30,000円

Contact

Panasonic Industrial Devices SUNX Co.,Ltd.
TEL : 0120-394-205
<URL> http://www2.panasonic.co.jp/id/pidsx/j/company/index.html

CC-Link Communication Unit for Digital Displacement Sensors

デジタル変位センサ(HG-Sシリーズ)をCC-Linkに直結。高精度測定値をダイレクトに転送可能。

Features

●デジタル変位センサ(HG-Sシリーズ)の測定値及び設定がCC-Link通信できます。
※変更 書き込み可能

●変位センサの測定値及び設定値がワード情報として取得でき、出荷管理やトレーサビリティに活用できます。

Station type	リモートデバイス局
Number of stations occupied	2局/4局切換式
CC-Link version	Ver. 1.10 / Ver. 2.00 切換式
External dimensions	W:38mm H:61.1mm D:80mm
Mass	80g
Standard Price	30,000円

Contact

Panasonic Industrial Devices SUNX Co.,Ltd.
TEL : +81-568-33-7861
<URL> http://www2.panasonic.co.jp/id/pidsx/e/index.html

Remote I/O Connector

I can operate it as CC-link remote I/O by attaching it to a relay terminal and the teminal stand of the Yoshida teminal Blocks.

Features

●Man-hour reduction of the wiring
Photocoupler input(16 points, 32points), the Transistor output(16points, 32points)
All photocoupler isolations

Station type	Remote I/O Station
Number of stations occupied	1 station
CC-Link version	Ver1.10
External dimensions	54x18.9x63.5/16p 73x18.9x61.5/32p
Mass	0.047[kg](16p) 0.058[kg](32p)
Standard Price	Please refer

Contact

Toho technology Corp. YOSHIDA Terminal Block Division
270Kansyuuji_Fukuoka-Cho,Yamashina-Ku,Kyoto,Japan
ShinbashiST-BLD,20-3,Shinbashi-5chome,Minato-Ku,Tokyo,Japan
Toho-BLD,Sakae-3Chome,Naka-Ku,Nagoya,Japan
Plaza_KAWANO-BLD,Sigesumi-3Chome,Kokurakita-Ku,Kiatkyushu,Japan
KINKI TEL : (075)581-7175 FAX : (075)593-9447
TOKYO TEL : (03)3434-8986 FAX : (03)3434-8988
NAGOYA TEL : (052)684-5545 FAX : (052)251-1610
KYUSHU TEL : (093)922-1346 FAX : (093)922-1373
<E-mail>
kinki@toho-tec.co.jp, tokyo@toho-tec.co.jp, nagoya@toho-tec.co.jp, kyushu@toho-tec.co.jp

Three-wire Crimping Connector Type Remote I/O Terminal C□X-AT1N C□D-AT1N C□XD-AT1N

Features

- This terminal comes in a photocoupler input type, a photocoupler output type, and a photocoupler input/output combination type.
- A crimping connecter, which does not require sheath peeling, is used for connection to an external unit.
- The crimping connector is a one-touch wire connection type that does not require any special tool.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	32(W)×113.6(H)×90.3(D)mm (16 points, 8/8 points) 56.5(W)×113.6(H)×90.3(D)mm (32 points, 16/16 points)
Mass	0.145kg (16 points, 8/8 points) 0.21kg (32 points, 16/16 points)
Standard Price	

Contact

TOYOGIKEN CO.,LTD. Sales Headquarters
TEL : 03-5711-0891
<URL> http://www.togi.co.jp
<E-mail> info@togi.co.jp

e-CON Compliant Connector Type Remote I/O Terminal C□X-CT1E C□D-CT1E

Features

- This terminal comes in a photocoupler input type, a photocoupler output type and a photocoupler input/output combination.
- An e-CON compliant connector is used for connection to an external unit.
- A crimping connector is a one-touch wire connection type that does not require any special tool.
- Structure for installing DIN rails.
- Horizontal structure

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	65(W)×125(H)×42(D)mm (16 points) 65(W)×206(H)×42(D)mm (32 points)
Mass	0.21kg (16 points) 0.34kg (32 points)
Standard Price	

Contact

TOYOGIKEN CO.,LTD. Sales Headquarters
TEL : 03-5711-0891
<URL> http://www.togi.co.jp
<E-mail> info@togi.co.jp

Strip Terminal Block Type Remote I/O Terminal C□X-AT1V C□D-AT1V C□XD-AT1V

Features

- This terminal comes in a photocoupler input type, a photocoupler output type, and a photocoupler input/output combination type.
- A strip terminal block is used for connection to an external unit.
- The strip terminal block is a bare-wire one-touch wire connection type with a bare wire.
- Vertical structure

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	32(W)×113.6(H)×87.6(D)mm (16 points, 8/8 points) 56.5(W)×113.6(H)×87.6(D)mm (32 points, 16/16 points)
Mass	0.145kg (16 points, 8/8 points) 0.21kg (32 points, 16/16 points)
Standard Price	

Contact

TOYOGIKEN CO.,LTD. Sales Headquarters
TEL : 03-5711-0891
<URL> http://www.togi.co.jp
<E-mail> info@togi.co.jp

TOYO GIKEN CO., LTD. | CC-Link | Digital I/O

Strip Terminal Block Type Remote I/O Terminal C□X-CT1V C□D-CT1V C□XD-CT1V

Features

- This terminal comes in a photocoupler input type, a photocoupler output type and a photocoupler input/output combination.
- A strip terminal block is used for connection to an external unit.
- Since loosening of screws caused by vibration does not occur, further screw tightening is not required.
- Structure for installing DIN rails.
- Horizontal structure

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	65(W)×125(H)×53.3(D)mm (16 points) 65(W)×206(H)×53.3(D)mm (32 points, 16/16 points)
Mass	0.21kg (16 points) 0.34kg (32 points, 16/16 points)
Standard Price	

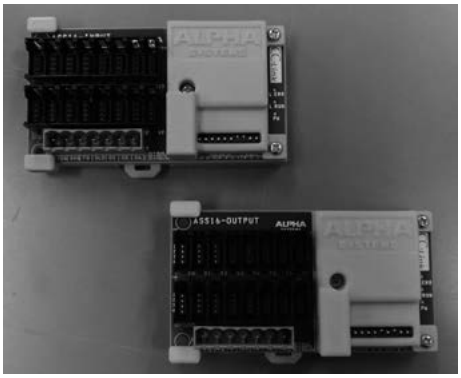
Contact

TOYOGIKEN CO.,LTD. Sales Headquarters
TEL : 03-5711-0891
<URL> http://www.togi.co.jp
<E-mail> info@togi.co.jp

ALPHA SYSTEMS CO.,LTD

CC-Link | Digital I/O

ASS16 series small remote I/O unit



Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CITIZEN FINE DEVICE CO., LTD.

CC-Link | Digital I/O

CC-Link Communication Unit SA-ECL

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CITIZEN FINEDEVICE CO.,LTD.
TEL : +81-555-22-1141

FSA-110 Annunciator

Features

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	110(W)×110(H)×104(D) mm
Mass	0.5 kg
Standard Price	お問い合わせください

Contact

Daiichi Electronics Co., Ltd
11-13, hitotsuya 1-chome, Adachi-ku, Tokyo 121-8639
TEL : +81-3-3885-2411
<URL> http://www.daiichi-ele.co.jp/en/index.html
<E-mail> sales@daiichi-ele.co.jp

Model CB2A/2B Switch Block with a Built-in CC-Link Communication Unit

This switch block can be easily connected to various units compatible with the CC-Link.

Features

- The panel mounting man-hours can be reduced thanks to preassembly.
- Incorrect operation can be prevented by integrating operation systems (DIN48 size).
- A two-piece terminal block ensures easy maintenance.
- Easy to replace the control unit from the operation block and flexible in combination.
- Safe to maintain as the back cover prevents users from touching the charged portion during maintenance. (Conforming to IEC-60204-1)
- Protective structure: IP65 (IEC60529, on the front face of the panel)

Station type	Remote I/O station
Number of stations occupied	1 station (among 64 stations)
CC-Link version	Ver.1.0
External dimensions	
Mass	
Standard Price	

Contact

IDEC (SHANGHAI) CORPORATION
TEL : +86-21-5353-1000
<E-mail> idec@cn.idec.com

Remote I/O Module 40-pin (FCN) Connector Type AJ65SBTCF□-□, AJ65BTC□-□, AJ65VBTCF□-□

The I/O unit uses a 40-pin connector, which helps to significantly reduce the wiring work man-hours.

Features

- The 40-pin connector (FCN connector) allows connection of various devices.
- The modules are mountable in 6 orientations.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Digital I/O

Remote I/O Module One-touch Connector Type AJ65SBTC□-□ AJ65VBTCU□-□

A separate wire crimping connection system can make a contribution to a significant reduction in the wiring work man-hours.

Features

- This digital I/O module can be mounted on the control panel with either screws or DIN rails.
- All modules adopt photocoupler insulation.
- Does not require soldering, wire sheath peeling, or screw tightening
- Mountable in 6 directions

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	—
External dimensions	50(H)×118(W)×40(D)[mm]
Mass	0.16kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module Screw Terminal Block Type AJ65BTB□-□

Features

●This remote I/O module can be mounted on the control panel with either screws or DIN rails.

●Mountable in 6 directions

Station type	Remote I/O station
Number of stations occupied	
CC-Link version	-
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Digital I/O

Remote I/O Module Screw Terminal Block Type AJ65DBTB□-□

Module Replace A2CCPU and NET/MINI-S3 I/O modules with CC-Link using existing NET/MINI-S3 wiring.

Features

●The simple replacement process helps minimize the upgrade time.

●The installation size is the same as that of A2C I/O modules; existing terminal block can be mounted directly.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module Screw Terminal Block Type AJ65SBTB□-□

A self-up screw ensures labor saving in wiring work.

Features

- This remote I/O module can be mounted on the control panel with either screws or DIN rails.
- All modules adopt photocoupler insulation or relay insulation.
- When removing a round crimping terminal, it does not require the terminal screw to be unfastened.
- The finger protector on the top of the terminal bs lock prevents users from touching the charged portion and permits direct connection of any terminal block type digital I/O module to a machine.
- Mountable in 6 directions

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	50(H)×179(W)×40(D)[mm]
Mass	0.25kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Digital I/O

Remote I/O Module Sensor Connector Type (e-CON) AJ65VBTCE□-□

Industry standard e-CON

Features

- Simple wiring with sensor connector
- DIN rail/screw mounting methods
- Capable of 3-wire sensor input
- Mountable in 6 directions
- The 16 point unit is mountable in the vertical or horizontal direction on DIN rails.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	50(H)×100(W)×45.5(D)[mm]
Mass	0.10kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module Waterproof Connector Type AJ65FBTA□-□

Ensures safety even in an environment using water.

Features

- This waterproof type remote I/O module adopts a protective structure conforming to IP67.
- All modules adopt photocoupler insulation.
- Mountable in 6 directions

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	200(H)×60(W)×48(D)[mm]
Mass	0.40kg
Standard Price	お問い合わせください

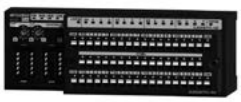
Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Digital I/O

Remote I/O Module with Diagnostic Functions Spring Clamp Terminal Block Push-in Type AJ65ABTP3-16D AJ65ABTP3-16DE

Easy maintenance with diagnostic function!



Features

- Increasing maintainability by using diagnostic functions
- Enabling/disabling of the disconnection (no connection) detection function can be set.
- Check for wiring errors by monitoring an external power supply
- Visualization of the wiring status by using a sequence program
- AJ65ABTP3-16D : Positive common
  AJ65ABTP3-16DE : Negative common

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	50(H)×145(W)×57.5(D)[mm]
Mass	0.31kg
Standard Price	64,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/
<URL> http://www.mitsubishielectric.co.jp/fa/products/cnt/plceng/download/library/index.html

Remote I/O Unit Spring Clamp Terminal Block Type AJ65VBTS□-□

Reduced man-hours in wiring work due to no need for screw tightening and retightening

Features

- DIN rail/screw mounting methods
- Mountable in 6 directions

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	50(H)×137(W)×51.5(D)[mm], 50(H)×222(W)×51.5(D)[mm]
Mass	0.41kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Digital I/O

Safety Relay Module QS90SR2SN-CC/QS90SR2SP-CC

You can use these modules without any programming. Safety certification at the highest level is achieved.

Features

- You only need wiring to construct a safety circuit. No programming or setting is necessary.
- Connect a safety relay module for expansion, so that you can use 4 safety inputs and safety outputs at the maximum. These modules are optimal for a small-scale safety control.
- The modules are authorized by certifications at the highest safety level (EN954-1/ISO13849-1 category 4/performance level E).
- If a trouble should occur in the module, the fail-safe function stops operation safely.
- Since the spring clamp terminal block is adopted, you do not need to fasten any screws. Your wiring workload will be considerably reduced.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.2
External dimensions	112(H)×45(W)×115.9(D) [mm]
Mass	0.37kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

2.4 GHz radio frequency band unit (compatible with CC-Link) SWL30-CL-E, SWL30-XY08-E

Features

- 1:N (two-way communication) is applicable. One master station can handle 64 local stations at a maximum with 512 I/O points for each station.
- As the unit is certified as satisfying the required engineering standards, no authorization obtaining procedure is necessary to use it.
- It can communicate with locations as far as approx. 60 m away indoors and approx. 300 mm away outdoors (with an unobstructed view).
- The communication distance can be extended by the maximum 600 mm with the addition of repeater stations (with an outdoor unobstructed view). (The extendable distance differs depending on the environmental conditions such as existence of obstacles).
- DIN rails can be installed (with the use of necessary accessories).
- How the radio communication is carried out is outputted through the terminal block. (Only with the SWL30-XY08-E model) (Either the live signal condition or error output is selected if the necessary parameters are set.)

Station type	Remote device station
Number of stations occupied	1 station, 2 stations, 3 stations, or 4 stations
CC-Link version	Ver.2.00 or ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<E-mail> info@melsc.jp

Illuminated Push Button Station (Ordering code: CCL8IPB)

Pre-assembled Push Button Station on CC-Link

Features

- Ready to use Push Button station. Saves installation time.
- Equipped with 8 industrial grade illuminated Push Buttons with tri-colour indications.
- Slide-in label strips to label individual Push Button/Lamp.
- Flexible mounting, horizontal or vertical orientation.
- One digital input and one transistor output for external device connection.
- Built-in 'Lamp test' and 'Push Button test' mode.
- Front face with IP65 protection.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver. 1.1
External dimensions	234 x 155 x 40 mm
Mass	0.460 Kg
Standard Price	

Contact

Mitsubishi Electric India Pvt. Ltd.
TEL : +91-20-27102000
<URL> http://www.mitsubishielectric.in/

Modular Type I/O System for CC-Link

Digital and analog I/O units can be used together.
This system is flexible in configuration thanks to various combinations of CC-Link bus couplers (750-310) and modules.

Features

- The operation mode can be switched between fixed and automatic addresses.
  Set the baud rate by changing the position of the rotary switch.
- The number of occupied stations (up to four stations) can be selected.
- The number of occupied stations is fixed on our competitors' units, whereas Wago's I/O system can select the number of stations according to the number of modules (automatic address mode).
- Analog and digital I/O modules can be used together.
  Combinations and positions of I/O modules can be selected as you desire.

Station type	Remote device station
Number of stations occupied	1, 2, 3, or 4 stations can be selected.
CC-Link version	
External dimensions	51×65×100(mm)
Mass	
Standard Price	お問い合わせください

Contact

WAGO Company of Japan Ltd.
TEL : +81-3-56272059
Mr.Motohiro Nishibori
<E-mail> motohiro.nishibori@wago.com

16ch CC-Link digital Input / Output Unit

Common ports provided for each channels.

Features

- ・100% compatible with CC-Link Communication Cable with Power Conductors.
  ・Easy operation with the Pushin CAGE CLAMP connection system.
  ・Easy connection/disconnection without breaking the CC-Link network.
  ・Common ports provided for each channels.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	51.5(H) x 92(W) x 106(L) [mm]
Mass	app. 150 g (CC-Link connector incl.)
Standard Price	お問い合わせください

Contact

WAGO COMPANY OF JAPAN, LTD.
TEL : +81-35627-2050
<URL> http://www.wago.co.jp/corporate/
<URL> http://www.wago.co.jp/download/tech/
<E-mail> info-jp@wago.com

PNOZmulti Mini mmc7p CC fieldbus module for CC-Link in combination with one of the base units of the configurable control system PNOZmulti Mini

プログラマブル安全リレー PNOZmulti MiniをCC-Linkに接続する通信モジュールです。 ベースユニットに接続して用います。

Features

- Station addresses from 1 … 63, selected via rotary switch
- Status indicators via LEDs
- Subscriber (Slave) on CC-Link
- Occupied stations: 2
- Transmission rate: Max. 10 Mbit/s, selected via rotary switch
- Max. 1 fieldbus module can be connected to the base unit using jumpers on the back of the unit

Station type	1 Remote Device
Number of stations occupied	2
CC-Link version	1.10
External dimensions	110mm x 93mm x 22mm 4,33" x 3,66" x 0,86"
Mass	90Gr. = 3,17oz.
Standard Price	

Contact

Pilz Japan
TEL : +81 45 471-2281
<URL> www.pilz.jp
<URL> http://www.pilz.com/
<URL> https://www.pilz.com/en-INT/eshop/001010020571098 0NW/PNOZmulti-Mini-communication/772035=PNOZ-mmc7p
<E-mail> pilz@pilz.co.jp

Pilz GmbH &Co | CC-Link | Digital I/O

PNOZ m ES CC-Link - Fielbus module for CC-Link in combination with one of the base units of the configurable contol system PNOZmulti 2

Another fieldbus module for connection to CC-Link is available for the configurable control system PNOZmulti 2.The inputs and outputs on the fieldbus module are configured in the software tool PNOZmulti Configurator; it's so easy it's child's play.
You use the fieldbus module to read diagnostic data and to set virtual inputs and outputs for automation functions. If PNOZmulti needs to be connected to a different fieldbus system, that's easy to do without any program changes.

Features

- Station addresses from 1 … 63, selected via rotary Switch
- Status indicators via LEDs
- Subscriber (Slave) on CC-Link
- Occupied stations: 3
- Transmission rate: Max. 10 Mbit/s, selected via rotary Switch
- Connection to fieldbus: via 5-pin Combicon plug-in connector
- Max. 1 PNOZ m ES CC-Link can be connected to the left of the base Units PNOZ m B0 or PNOZ m B1

Station type	1 Remote Device
Number of stations occupied	3
CC-Link version	V1.10
External dimensions	Dimensions in mm (H x W x D): 101.4 x 22.5 x 110.4
Mass	110 gram
Standard Price	please request

Contact

Pilz Japan Co., Ltd.
Safe Automation
Ichigo Shin-Yokohama Bldg. 4F 3-17-5 Shin-Yokohama Kohoku-ku
222-0033 Yokohama Japan
TEL : +81 45 471-2281
FAX : +81 45 471-2283
<URL> www.pilz.jp
<URL> http://www.pilz.com
<URL> https://www.pilz.com/en-INT/eshop/0001100027711080JJ/PNOZmulti-2-communication-modules
<E-mail> pilz@pilz.co.jp

PNOZ mc7p fieldbus module for CC-Link in combination with one of the base units of the configurable control system PNOZmulti

Features

- Station addresses from 1 ··· 63, selected via rotary switch
- Status indicators via LEDs
- Subscriber (Slave) on CC-Link
- Occupied stations: 2
- Transmission rate: Max. 10 Mbit/s, selected via rotary switch
- Max. 1 fieldbus module can be connected to the base unit using jumpers on the back of the unit

Station type	1 Remote Device
Number of stations occupied	2
CC-Link version	1.10
External dimensions	115mm x 93mm x 22mm 4,52" x 3,66" x 0,866"
Mass	105 Gr. = 3,7 oz.
Standard Price	please request

Contact

Pilz Japan
TEL : +81 45 471-2281
<URL> www.pilz.jp
<URL> http://www.pilz.com/
<URL> https://www.pilz.com/en-INT/eshop/0010100203702480FX/PNOZmulti-communication
<URL> https://www.pilz.com/en-INT/eshop/0010100203702480FX/PNOZmulti-communication/773716=PNOZ-mc7p-CC-Link-2
<URL> https://www.pilz.com/en-INT/eshop/0010100203702480FX/PNOZmulti-communication/773725=PNOZ-mc7p-CC-Link-coated-version
<E-mail> pilz@pilz.co.jp

BNI CCL-502-100-Z001

CC-Link - IO-Link - Module with 8 M12 Ports. 4 IO-Link-Ports and max. 16 Digital Inputs / Outputs, free configurable. Distributed /I/O box, Waterproof, Field mountable, IP67

Features

- 4 IO-Link - Ports. Max. 16 Digital Outputs / max. 16 Digital Inputs free configurable.
- IP 67 Water and Oil proof
- 8 Ports M12
- Field mountable
- Integrated Display for Adress setting
- Integrated Display for diagnosis

Station type	Remote Device Station
Number of stations occupied	depends on connected IO-Link devices
CC-Link version	Ver.1.10
External dimensions	W x H x D [mm] 68 x 224 x 36.9
Mass	0.58 [Kg]
Standard Price	

Contact

Balluff Co., Ltd.
Ishikawa Bldg. 2F, 1-5-5 Yanagibashi, Taito-ku, Tokyo, 111-0052
TEL : +81-3-5833-5440
<URL> http://www.balluff.com/
<E-mail> info.jp@balluff.jp

TBDCC-880P-844

TBDCC-880P-844 (CC-Link IO) modules provide a reliable solution for connecting industrial controllers to I/O devices in harsh duty environments. Contained in an IP67 rated housing, Brad I/O modules can be machine mounted and are able to withstand areas where liquids, dust or vibration may be present. This makes them ideally suited for many applications including material handling and automated assembly.

Features

●Digital 8 Inputs PNP.
Connector IO type : M8
Connector CC-LinkIO type : M12
Connector Power type : M8
Operating temperature -10° c ··· +70° c
Storage temperature -20° c ··· +85° c
Protection Class IP67

Station type	Remote I/O Station (Cyclic communication only)
Number of stations occupied	1
CC-Link version	1.1
External dimensions	30 x 175 x 20 mm (1.18"x6.89"x0.78")
Mass	200 gr
Standard Price	Contact Eric Goric. eric.gory@molex.com

Contact

<URL> http://www.molex.com
<URL> http://www.molex.com/molex/products/datasheet.jsp?part=active/1121015000_MOLEX_PARTS.xml
<E-mail> eric.gory@molex.com

Molex | CC-Link | Digital I/O

TBDCC-480P-88U

TBDCC-480P-88U (CC-Link IO) modules provide a reliable solution for connecting industrial controllers to I/O devices in harsh duty environments. Contained in an IP67 rated housing, Brad I/O modules can be machine mounted and are able to withstand areas where liquids, dust or vibration may be present. This makes them ideally suited for many applications including material handling and automated assembly.

Features

●Digital 8 Inputs PNP.
Connector IO type : M12
Connector CC-LinkIO type : M12
Connector Power type : M12
Operating temperature -10° c ··· +70° c
Storage temperature -20° c ··· +85° c
Protection Class IP67

Station type	Remote I/O Station (Cyclic communication only)
Number of stations occupied	1
CC-Link version	1.1
External dimensions	30 x 175 x 20 mm (1.18"x6.89"x0.78")
Mass	200 gr
Standard Price	Contact Eric Goric. eric.gory@molex.com

Contact

<URL> http://www.molex.com
<URL> http://www.molex.com/molex/products/datasheet.jsp?part=active/1121015006IO_MODULES.xml
<E-mail> eric.gory@molex.com

TBDCC-444P-88U-G

TBDCC-444P-88U-G (CC-Link IO) modules provide a reliable solution for connecting industrial controllers to I/O devices in harsh duty environments. Contained in an IP67 rated housing, Brad I/O modules can be machine mounted and are able to withstand areas where liquids, dust or vibration may be present. This makes them ideally suited for many applications including material handling and automated assembly.

Features

●Digital 4 Inputs PNP / 4 Outputs PNP.
Connector IO type : M12
Connector CC-LinkIO type : M12
Connector Power type : M12
Operating temperature -10° c ··· +70° c
Storage temperature -20° c ··· +85° c
Protection Class IP67

Station type	Remote I/O Station (Cyclic communication only)
Number of stations occupied	1
CC-Link version	1.1
External dimensions	30 x 175 x 20 mm (1.18"x6.89"x0.78")
Mass	200 gr
Standard Price	Contact Eric Goric. eric.gory@molex.com

Contact

<URL> http://www.molex.com
<URL> http://www.molex.com/molex/products/datasheet.jsp?part=active/11210150071O_MODULES.xml
<E-mail> eric.gory@molex.com

TBDCC-844P-844-G

TBDCC-844P-844-G (CC-Link IO) modules provide a reliable solution for connecting industrial controllers to I/O devices in harsh duty environments. Contained in an IP67 rated housing, Brad I/O modules can be machine mounted and are able to withstand areas where liquids, dust or vibration may be present. This makes them ideally suited for many applications including material handling and automated assembly.

Features

●Digital 4 Inputs PNP / 4 Outputs PNP.
Connector IO type : M8
Connector CC-LinkIO type : M12
Connector Power type : M8
Operating temperature -10° c ··· +70° c
Storage temperature -20° c ··· +85° c
Protection Class IP67

Station type	Remote I/O Station (Cyclic communication only)
Number of stations occupied	1
CC-Link version	1.1
External dimensions	30 x 175 x 20 mm (1.18"x6.89"x0.78")
Mass	200 gr
Standard Price	Contact Eric Goric. eric.gory@molex.com

Contact

<URL> http://www.molex.com
<URL> http://www.molex.com/molex/products/datasheet.jsp?part=active/11210150004_MOLEX_PARTS.xml
<E-mail> eric.gory@molex.com

R1C Multi-analog Input Unit

A handheld remote I/O unit realizing a price of 10,000 yen per thermocouple input.
Detected data is transmitted in real values and does not need to be converted.

Features

●Input signals: Thermocouple and DC input, 16 points
Input resistance: 300 kΩ
Thermocouple types: PR, K, E, J, T, B, R, S, C, N, U, L
Sampling cycle: Approx. 150 ms/16 points

●Analog input
A/D conversion output data: 16-bit signed binary data (negative values are in twos-complement form).
Actual values in each input range correspond to the A/D conversion data shown in the table below.

Station type	Remote device station
Number of stations occupied	4 stations (Ver.1.10), 1 station (Ver.2.00)
CC-Link version	Ver.1.10, Ver.2.00
External dimensions	W175×H115×D40 mm
Mass	Approx. 400 g
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

R3 Series Multi-channel Mixed Signal Remote I/O

Wide selection of I/O modules and network modules

Features

●Consists of power module, network module, I/O modules on a base; Easy setting with DIP switch

●Great flexibilities in number and type of I/O signals: DC current/voltage, temperature, strain gauge, AC current/voltage, AC power, etc.

●Dual redundant communication networks

Station type	Remote device station
Number of stations occupied	4 stations, 8 stations (Ver. 1.11 only)
CC-Link version	Ver. 1.11, Ver. 2.00
External dimensions	W56...448×H130×D120 mm
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

R5 Series Compact, Mixed-Signal Remote I/O

Fully isolated remote I/O

Features

- Single analog module can handle fully-isolated 2 points.
- Free combination of I/O modules, network modules and power modules
- Dual redundant communication networks and power supplies

Station type	Remote device station
Number of stations occupied	4 stations, 8 stations
CC-Link version	Ver.1.11
External dimensions	W157...96xH96xD106.5 mm
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

R6 Series Ultra-Slim, Mixed Signal Remote I/O

Only 78 mm (3.07 in) wide with the minimum system of 8 modules

Features

- Suitable for relatively small capacity applications with mixed I/O signals
- Tension-clamp terminal, screw terminal and euro terminal block styles selectable
- Analog input and output ranges are easy by built-in DIP switch setting.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10, Ver.2.00
External dimensions	W75xH104xD116 mm (W depends upon base types)
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

R7 Series Expandable Compact Remote I/O

Economical all-in-one module

Features

- Palm-top size compact module can handle 4 analog or 16 discrete signals.
- 8 or 16 discrete input/output module can be attached to the base module.
- Analog and discrete signals can be mixed.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	W115 (210 when extension module attached)× H50×D54 mm
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

M-System Co., Ltd. | CC-Link | Analog I/O

M2BC Multi-analog Transmitter

This transmitter not only transmits analog sensor signals of various types but also calculates electric to pneumatic data and signals and transmits them directly to the CC-Link.

Features

- M-System's compact type converter
  The Mini-M series is available in a wide variety of types.
- The multi-analog transmitter is an interface that can accommodate plural Mini-M series units on the multiple base and connect them collectively to the CC-Link.
- The multi-analog transmitter comes in input and output types each of which is for 4 units, 8 units, and 16 units.

Station type	Remote device station
Number of stations occupied	1 station (for 4 units), 2 stations (for 8 units), 4 stations (for 16 units)
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

60C Multi-analog I/O Unit

Existing signal converters can be effectively used with this I/O unit.

Features

●The multi-analog I/O unit is an interface used for connecting the rack type converter 10・RACK or 18・RACK converter series, which are used in a wide range of fields, to the CC-Link.
If you are a user of a 10・RACK or 18・RACK converter series product, you can connect the existing system to the CC-Link by using a connector between the converter and the multi-analog I/O unit.
The multi-analog I/O unit comes in input and output types each of which is for 4 units, 8 units, and 16 units.

Station type	Remote device station
Number of stations occupied	1 node (for 4 units), 2 nodes (for 8 units), 4 nodes (for 16 units)
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

61C Multi-analog Communication Unit

The communication unit helps you fetch standard signals insulated for a recorder or indicator.

Features

●M-System's ultra compact converter Pico-M series is a dual output type with two mutually isolated outputs.
The multi-analog communication unit is an interface that uses a dedicated multiple base and collectively connects 16 Pico-M series units to the CC-Link.

●One of the outputs is used for communication, and the other is available for a recorder or indicator.

Station type	Remote device station
Number of stations occupied	1 station (for 4 units), 2 stations (for 8 units), 4 stations (for 16 units)
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

Multi Power Monitoring Unit R9CWTU

Compact multi-function power monitoring unit with network, I/O and power in one package

Features

- ●Uses clamp-on current sensors; no need of current transformers
- ●Measures up to eight circuits (common voltage)
- ●Current, power and other data can be logged with time index via SD card
- ●Shallow depth housing is suitable for small size control panels

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	W125xH140xD80 mm
Mass	Approx. 500 g
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

Screw Terminal Block Type Analog Module with Digital Display Function KV-RC4AD/KV-RC4DA

Instantly confirmable 5-digit digital display / Highest resolution in the class 1/12000

Features

- ●Equipped with 5-digit digital display
  Digital value, scaling value and analog value can be confirmed instantly.
- ●Highest resolution in the class 1/12000
  High-accuracy control of 1/24000 can be realized at ±10V.
- ●CC-Link Ver. 2 compatible
  Number of occupied stations can be reduced. It can be also used as Ver. 1.
- ●Module setting function
  The setting can be made on the module without using the PLC setting program or dedicated tool.
- ●Trigger input terminal (KV-RC4AD)
  The module is equipped with a trigger input terminal that can securely obtains data at a favorable timing.
- ●Equipped with general-purpose I/O terminal (KV-RC4AD)
  The module is equipped with a general-purpose I/O terminal for 1 point each (shared with trigger input).

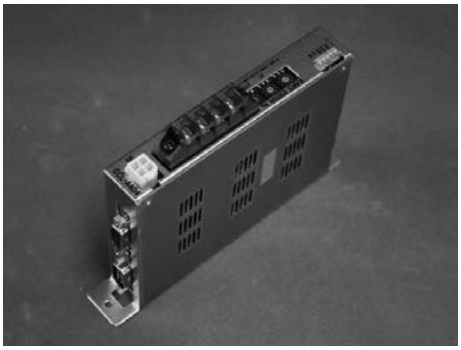
Station type	Remote device station
Number of stations occupied	1 station, 2 times with Ver.2.00 2 stations with Ver.1.10
CC-Link version	Ver.2.00/Ver.1.10
External dimensions	118(W)×51.2(H)×40(D) mm
Mass	Approx. 0.2 kg
Standard Price	お問い合わせください

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.com
<URL> http://www.keyence.com.sg/products/plc/plc/kv5000/kv5000.php
<E-mail> info@keyence.co.jp

CCL-A4D4 4CH Analog I/O Unit

This is an inexpensive, high-performance interface unit for analog units.



Features

- This unit is the optimum selection for automatic controllers, including analog units.
- The internal processing time is only 2 ms.
- The outside power supply input part and the inner circuit are isoration.
- This unit receives an NRTL certificate (UL61010-01A).

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	Ver.1.1
External dimensions	24(W)×130(155)(H)×95(D) mm
Mass	0.4 kg
Standard Price	

Contact

YOSIO Electronic Company
TEL : 042-471-2587
<E-mail> info@yosio.co.jp

C1 Series Analog I/O Unit

This is a sensor direct input type remote I/O unit for process instrumentation with channel-to-channel insulation.

Features

- This I/O unit combines all functions of an AD unit, a signal converter, and a characteristic converter.
- The channel-to-channel withstand voltage is 2000 V AC for one minute.
- The temperature range can be freely set (set a temperature range for each input point).
- This I/O unit incorporates calculation functions for instrumentation, such as four-point warning and analog calculation, and warning values can be set at the output register of the CC-Link master station.
- The pulse signals of a volumetric flowmeter or another unit can be integrated and converted into instantaneous values.
- Functions can be set using tool software for personal computers (provided free of charge).

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	W200×H60×D126mm
Mass	Approx. 750g
Standard Price	160,000円(税別)

Contact

Fuji Electric Industries (Shanghai) co., ltd
TEL : +86-21-52401184
<URL> http://www.takemotodenki.co.jp
<E-mail> wgl@fujidensan.net

C2 Series Signal Converter for CC-Link

This is a single-output type signal converter.

Features

- Measured value output; remote output can be selected.
- Analog signals can be connected directly to the CC-Link.
- Analog input and output can be executed at the same time.
- A space-saving, plug-in type converter has been developed.
- Withstanding voltage among input - output - CC-Link - power supply - ground: 2000 V AC for one minute

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	W50×H80×D132
Mass	Approx. 400g
Standard Price	35,000円

Contact

Fuji Electric Industries (Shanghai) co., ltd
TEL : +86-21-52401184
<URL> http://www.takemotodenki.co.jp
<E-mail> wgl@fujidensan.net

C3 Series Analog I/O Unit

This remote I/O unit comes in two types: eight-point and 16-point with input and output mutually uninsulated.

Features

- No external resistor is required at a current input of 4 to 20 mA.
- The standard scanning cycle is 100 ms.
- The input/output, the communication unit and the power supply are insulated from one another.
- A separate type or fixed type connector is available.
- The I/O unit incorporates moving average filter and scaling functions.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	W150×H90×D42
Mass	Approx. 200g
Standard Price	8点ユニット：60,000円, 16点ユニット：100,000円

Contact

Fuji Electric Industries (Shanghai) co., ltd
TEL : +86-21-52401184
<URL> http://www.takemotodenki.co.jp
<E-mail> wgl@fujidensan.net

Analog - Digital Conversion Module Connector Type AJ65VBTCU-68ADVN AJ65VBTCU-68ADIN

The input range can be switched for each channel.

Features

- Compatible with Ver. 2
  On the conventional model, three stations occupied eight channels, whereas a single station occupies eight channels on this module.
  It can also be used as conventional Ver. 1 depending on the setting of the rotary switch.
- Highly accurate
  This input module performs A/D conversion with an accuracy of ±0.3% to the maximum digital output value when the working ambient temperature is between 0℃ and 55℃ , or with an accuracy of ±0.2% to the maximum digital output value when the working ambient temperature is 25±5℃ .
- The analog input range can be switched for each channel, and input/output conversion characteristics can be changed.
- A high resolution of 1/±4000 is realized.
  By switching the input range, the resolution of digital values can be set to either 1/4000 or 1/±4000 (AJ65VBTCU-68ADVN only), providing high-resolution digital values.
- Sampling or averaging can be designated.
  Sampling or averaging can be designated for each channel as the conversion method.

Station type	Remote device station
Number of stations occupied	Ver. 1 mode, 3 stations Ver. 2 mode, 1 station
CC-Link version	Ver.1, Ver.2
External dimensions	115(H)×41(W)×67(D)[mm]
Mass	0.17kg
Standard Price	90,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Analog I/O

RTD Input Module Screw Terminal Block Type AJ65BT-64RD3, AJ65BT-64RD4

A single module can perform temperature-digital conversion on four channels.

Features

- A platinum temperature measuring resistor Pt100 and DIN standards (JIS C1604-1997 and IEC 751 1983) or JPt100 (JIS C1604-1981) is available.
- Conversion enabled or disabled can be designated for each channel.
- Disabling any unused channel for conversion can prevent unnecessary wire disconnection detection flags from occurring and also reduce sampling time.
- When moving averaging is enabled, the last four converted temperature values obtained from the platinum temperature measuring resistor input on each channel are averaged and saved in a remote register.
- 平均値を格納することでノイズの影響による誤差を少なくできます。

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	-
External dimensions	65(H)×151.9(W)×63(D)[mm]
Mass	0.38kg
Standard Price	140,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Analog - Digital Conversion Module Screw Terminal Block Type AJ65BT-64AD

A/D conversions are possible at four channels with one module

Features

- Analog input: Four channels (voltage input/current input)
- The analog values of -10V to +10V or -20 mA to +20 mA are converted into the digital values of 0 to +4000 or -2000 to +2000.
- The voltage input/current input is selectable for each channel.
- Conversion enable/prohibit setting is possible for each channel.
- Volumeless offset/gain adjustment is possible for each channel.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	-
External dimensions	65(H)×151.9(W)×63(D)[mm]
Mass	0.35kg
Standard Price	90,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
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<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Analog I/O

Analog - Digital Conversion Module Screw Terminal Block Type AJ65SBT-64AD

The input range can be switched for each channel.

Features

- Analog input: Four channels (voltage input/current input)
- Smaller than the conventional A/D converter module
- The analog values of -10V to +10V or 0 mA to +20 mA are converted into the digital values of -4000 to +4000 or 0 to +4000.
- Averaging can be executed with the conversion speed kept at the same level.
- Designation of sampling processing or moving average processing
- Up to 42 AJ65SBT-64AD modules can be connected to one master station.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	50(H)×118(W)×40(D)[mm]
Mass	0.20kg
Standard Price	56,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Analog - Digital Conversion Module Screw Terminal BlockType AJ65SBT2B-64AD

The high-accuracy, high-resolution ,fast-conversion CC-Link 4CH analog input module saves man-hours.

Features

- ●4 analog input channels
- ●High accuracy within the system accuracy of ±0.2% (0 to 55℃)
- ●Fast conversion at the maximum conversion rate of 200 μs/CH
- ●High resolution with the voltage input of 0.25 mV and the electric current input of 1 μA
- ●A built-in automatic function for following transmission speed saves you from setting transmission speed.
- ●A two-piece structure is adopted for the external terminal block.The terminating resistance is built in the module to save wiring and man-hours.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver. 1
External dimensions	50(H)×122(W)×54(D)[mm]
Mass	0.25kg
Standard Price	78,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/
<URL> http://www.mitsubishielectric.co.jp/fa/products/cnt/plceng/download/library/index.html

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Analog I/O

RTD Input Module Screw Terminal Block Type AJ65SBT2B-64RD3

The measuring resistor input module saves man-hours and space.

Features

- ●4-channel temperature measuring resistor input module of the space-saving SBT size
- ●Two types of platinum temperature measuring resistors (Pt100 and JPt100) complying with JIS standards and a nickel temperature measuring resistor (Ni100) complying with DIN standards are available.
- ●An open circuit of each channel is detected.
- ●You can make settings to execute sampling processing or averaging processing (frequency average/time average/moving average) of each channel.
- ●A built-in automatic function for following transmission speed saves you from setting transmission speed.
- ●A two-piece structure is adopted for the external terminal block. The terminating resistance is built in the module to save wiring and man-hours.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver. 1
External dimensions	50(H)×122(W)×54(D)[mm]
Mass	0.25kg
Standard Price	90,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Thermocouple Input Module Screw Terminal Block Type AJ65BT-68TD

A single module can perform temperature-digital conversion on eight channels.

Features

- Seven types of thermocouples (K, E, J, T, B, R, S) conforming to JIS standards are available.
- Any desired thermocouple can be selected for each channel.
- Conversion enabled or disabled can be designated for each channel.
- Disabling any unused channel for conversion can prevent unnecessary wire disconnection detection flags from occurring and also reduce sampling time.
- Thermocouple or compensation conductor disconnection can be detected on each channel.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	-
External dimensions	65(H)×151.9(W)×63(D)[mm]
Mass	0.40kg
Standard Price	200,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
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<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Analog I/O

Digital - Analog Conversion Module Connector Type AJ65VBTCU-68DAVN

The output range can be switched for each channel.

Features

- Compatible with Ver. 2
  On the conventional model, three stations occupied eight channels, whereas a single station occupies eight channels on this module.
  It can also be used as conventional Ver. 1 depending on the setting of the rotary switch.
- Highly accurate
  This output module performs D/A conversion with an accuracy of ± 0.3% to the maximum analog output value when the working ambient temperature is between 0℃ and 55℃ , or with an accuracy of ±0.2% to the maximum analog output value when the working ambient temperature is 25±5℃ .
- The analog output range can be switched for each channel, and input/output conversion characteristics can be changed.
- A high resolution of 1/±4000 is realized.
  By switching the output range, resolution can be set to either 1/4000 or 1/±4000 (when the -10 to +10 V range and user range setting 1 are selected), providing high-resolution analog values.
- Analog output retention or clearing can be set when the PLC CPU is deactivated.
  Whether to retain or clear the analog value output from each channel of the module just before the sequence CPU becomes deactivated or D/A conversion is discontinued, in case of an error, can be designated.

Station type	Remote device station
Number of stations occupied	Ver. 1 mode, 3 stations Ver. 2 mode, 1 station
CC-Link version	Ver.1, Ver.2
External dimensions	115(H)×41(W)×63(D)[mm]
Mass	0.16kg
Standard Price	120,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Digital - Analog Conversion Module Screw Terminal Block Type AJ65SBT-62DA

The output range can be switched for each channel.

Features

- Analog output: Two channels
- The digital values of -4000 to +4000 or 0 to +4000 are converted into the analog values of -10 V to +10 V or 0 mA to +20 mA.
- Smaller than the conventional D/A converter module
- Up to 42 modules connectable
- You can choose the analog output range per channel to change the I/O conversion characteristics.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	50(H)×118(W)×40(D)[mm]
Mass	0.2kg
Standard Price	60,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
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<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Analog I/O

Digital - Analog Conversion Module Screw Terminal Block Type AJ65BT-64DAI

Four channels of D/A conversion in one module.

Features

- Analog output: Four channels (current output)
- The digital values of 0 to +4000 are converted into the analog values of 4 mA to +20 mA.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	-
External dimensions	65(H)×151.9(W)×63(D)[mm]
Mass	0.2kg
Standard Price	120,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Digital - Analog Conversion Module Screw Terminal Block Type AJ65BT-64DAV

Four channels of D/A conversion in one module.

Features

- Analog output: Four channels (voltage output)
- The digital values of -2000 to +2000 are converted into the analog values of -10 V to +10 V.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	-
External dimensions	151.9(W)×65(H)×63(D)mm
Mass	0.2kg
Standard Price	120,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://kr.mitsubishielectric.com/fa/ko/
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Analog I/O

Digital - Analog Conversion Module Screw Terminal Block Type AJ65SBT2B-64DA

The high-accuracy, high-resolution CC-Link 4CH analog output module saves man-hours and space.

Features

- 4 analog output channels
- High accuracy within the system accuracy of ±0.3% (0 to 55℃)
- Fast conversion at the maximum conversion rate of 200 μs/CH
- High resolution with the voltage output of 0.333 mV and the electric current output of 0.95 μA
- A built-in automatic function for following transmission speed saves you from setting transmission speed.
- A two-piece structure is adopted for the external terminal block. The terminating resistance is built in the module to save wiring and man-hours.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver. 1
External dimensions	50(H)×122(W)×54(D)[mm]
Mass	0.25kg
Standard Price	90,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Thermocouple Input Module Screw Terminal Block Type AJ65SBT2B-64TD

4-Channel Type: Now in the Thermocouple Input Module Lineup.

Features

- The type of modules can be chosen depending on the required number of channels.
- More Compact, Space-Saving Design.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	-
External dimensions	50(H)×122(W)×54(D)[mm]
Mass	0.3kg
Standard Price	130,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

VIC-CL20 General-purpose Eight-channel Input Converter

Features

- The input signal connector is a easily detachable BNC type, and the signal and power supply units use a two-piece type terminal block, ensuring easy replacement of units installed on site.
- Remote operation makes it possible to correct the zero span of each channel.
- The stand for mounting the converter can be installed on the panel or the back.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	
External dimensions	200(H)×49(W)×150(D)
Mass	1.25kg
Standard Price	

Contact

CC3901-16AI

CC-Link Ver.2 compatible Multi analog transmitter

Features

- Structure of one point socket mounting /Dedicated multi-module mounting chassis and ultra-compact module
- A chassis can be mounting up to 16 channels
- Open field network transmission (CC3901 is compatible with CC-Link Ver.2)
- For bulk supply of power supply is possible, the power supply wiring of the individual is not required

Station type	Remote device station
Number of stations occupied	1, 2, 3, 4 station
CC-Link version	Ver.1.10, Ver.2.00
External dimensions	Wall-mounting : W480×H110×D101mm DIN Rail-mounting : W480×H110×D116mm
Mass	Approx. 2.1kg
Standard Price	

Contact

<URL> http://mtt.co.jp/eng/index.html
<URL> http://www.mtt.co.jp/keisou/cc3900.html
<E-mail> info@mtt.co.jp

Remote IO ME1000 Series CC-Link Communication module / ME1091

Flexibility and availability , Remote IO System "ME1000 Series"

Features

- Corresponds to the duplication of supply and communication.
- Stack method is adopted.Can be combined freely up to ten IO modules maximum.
- Terminal block of IO module is removable.Module exchange is possible in the wiring state.
- Correspondence to thermocouple input, RTD input, mV input, HiV input, Potentiometer input.

Station type	Remote device station
Number of stations occupied	4 station
CC-Link version	Ver.1.10, Ver.2.00
External dimensions	W35×H125×D110mm (Excluding projections)
Mass	Approx. 175g
Standard Price	

Contact

<URL> http://www.mtt.co.jp/eng/index.html
<URL> http://www.mtt.co.jp/keisou/me1000.html
<E-mail> info@mtt.co.jp

ANALOG DIGITAL I/O

CW-CCLK-IO

Features

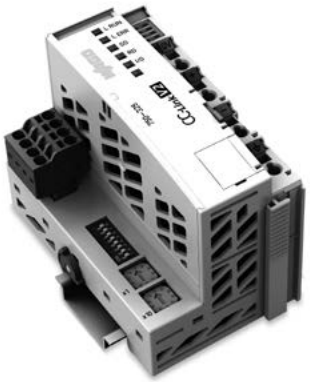
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

제조사 코윈FA
인천시 부평구 부평대로 283(청천2동) 부평우림라이온스밸리A동 409호
TEL : 032-577-1059
<URL> http://www.cowinfa.com

Modular type 750-325 CC-Link Fieldbus Coupler, V1.1/ V2.0 Selectable

This fieldbus coupler connects the WAGO - I/O-SYSTEM as a slave to the CC-Link Fieldbus. The fieldbus coupler supports the CC-Link protocol versions V1.1. and V2.0.
Digital and analog I/O units can be used together. This system is flexible in configuration thanks to various combinations of 750 series modules.



Features

●The buscoupler automatically configures, creating a local process image which may include analog, digital or specialty modules. Analog and specialty module data is sent via words and/or bytes, digital data is sent bit by bit.

Station type	Remote Device Station
Number of stations occupied	V1.1: 1 - 4 Station, V2.0: 1 - 4 Station (extended cyclic setting for each, 1,2,4,8)
CC-Link version	V1.1, V2.0 Selectable
External dimensions	61.5 x 71.9 x100mm
Mass	149g
Standard Price	お問い合わせください。

Contact

Wago Company of Japan
TEL : 03-5627-2050
<E-mail> motohiro.nishibori@wago.com

Field Network Converters

NC210 RS485/CC-Link Converter

With field network converters, a variety of system configurations can be realized.

Features

- By connecting Yokogawa Electric Corporation's controller (*1) to a field network converter, a wiring-saving, space-saving, distributed, simplified instrumentation system can be constructed.
- The profiles of connected units are standardized, and Yokogawa Electric Corporation's controller (*1) can, therefore, be connected to the CC-Link without using any program.
- The plug-in structure ensures easy maintenance and permits the controller to be mounted on a DIN rail or on the wall.

*1: Digital indicating controller Green series, signal converter JUXTA series, power monitor POWERCERT series

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	86.5(H)×70(W)×143(D)mm
Mass	370g
Standard Price	

Contact

Yokogawa China Co., Ltd.
NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<E-mail> nbd-marketing@cs.cn.yokogawa.com

Yokogawa Electric Corporation | CC-Link | Analog I/O

Field Network Converters

NC220 Ai/CC-Link Converter

With field network converters, a variety of system configurations can be realized.

Features

- By connecting Yokogawa Electric Corporation's controller (*1) to a field network converter, a wiring-saving, space-saving, distributed, simplified instrumentation system can be constructed.
- The profiles of connected units are standardized, and Yokogawa Electric Corporation's controller (*1) can, therefore, be connected to the CC-Link without using any program.
- The plug-in structure ensures easy maintenance and permits the controller to be mounted on a DIN rail or on the wall.

*1: Digital indicating controller Green series, signal converter JUXTA series, power monitor POWERCERT series

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	86.5(H)×70(W)×145.8(D)mm
Mass	380g
Standard Price	

Contact

Yokogawa China Co., Ltd.
NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<E-mail> nbd-marketing@cs.cn.yokogawa.com

Field Network Converters

NC230 Ao/CC-Link Converter

With field network converters, a variety of system configurations can be realized.

Features

- By connecting Yokogawa Electric Corporation's controller (*1) to a field network converter, a wiring-saving, space-saving, distributed, simplified instrumentation system can be constructed.
- The profiles of connected units are standardized, and Yokogawa Electric Corporation's controller (*1) can, therefore, be connected to the CC-Link without using any program.
- The plug-in structure ensures easy maintenance and permits the controller to be mounted on a DIN rail or on the wall.

  *1: Digital indicating controller Green series, signal converter JUXTA series, power monitor POWERCERT series

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	86.5(H)×70(W)×145.8(D)mm
Mass	380g
Standard Price	

Contact

Yokogawa China Co., Ltd.
NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<E-mail> nbd-marketing@cs.cn.yokogawa.com

Ailes ELECTRONICS

CC-Link | HMI

Message Land3 CC-Link ML6408C (10C/12C)/ML9608C (10C/12C)

This 16-dot LED display can be connected to Mitsubishi's PLC network or to the CC-Link.

Features

- This is a 16-dot character display connectable directly to the CC-Link.
- Data can be displayed by writing attributes (color, displaying method, etc.) to a remote device.
- Character information can be received and displayed via the CC-Link as a communication medium.
- Up to 42 production instruction display panels can be connected to a CC-Link master station.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	
External dimensions	800×140×100 (character height: 96) mm, 600×150×100 (character height: 64) mm
Mass	
Standard Price	

Contact

Hakko Electronics Co., Ltd.

CC-Link | HMI

CU-02 CC-Link Communication I/F Unit for Operation Interface Panel MONITOUCH V8/V7 Series

This I/F unit is connectable to the CC-Link without using any program!!
It also realizes high-speed distributed systems and contributes to an improvement in productivity.

Features

- The CC-Link is available by attaching this CU-02 (CC-Link communication I/F unit) to a MONITOUCH V8/V7 series.
- Any V8/V7 series can function as an intelligent device station.
- Any V8/V7 series can communicate with a PLC without using any program and access to data registers(D) and other devices.

Station type	Intelligent device station
Number of stations occupied	1 station or 4 stations
CC-Link version	Ver.1.1
External dimensions	98.0 (H)×150.5 (W)×32.0 (D) mm
Mass	Approx. 0.23 kg
Standard Price	CU-02:60,000円 その他はお問合せ下さい。

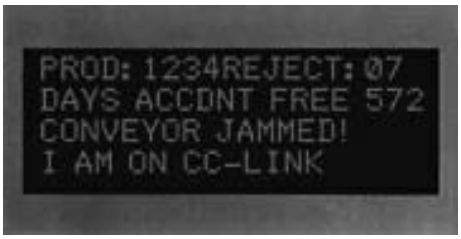
Contact

890-1 Kamikashiwano
Hakusan, Ishikawa 924-0035 Japan
TEL : 076-274-5210 FAX : 076-274-5200
<URL> http://www.hakko-elec.co.jp
<E-mail> gyoumu1@hakko-elec.co.jp

Uticor, a Division of AVG Automation | CC-Link | HMI

PowerMarquee (CC-Link compatible)

PowerMarquee family of products consists of LED-Displays of various sizes for plant-wide visual communication of critical information, such as production data, machine/process status, alarms, etc. PowerMarquees gather the data from PLCs over CC-Link.
PowerMarquees can be added to the plant floor without any changes to PLC logic program (as long as the data is available in PLC)



Features

- Easiest to Apply; no need to change the PLC program
- 2" -8" Characters, Red or Tricolor LEDs
- Matched LEDs for uniform brightness
- FREE Windows-based programming software
- 4-year warranty

Station type	Remote device station
Number of stations occupied	1 to 4 selectable
CC-Link version	Ver.1.1
External dimensions	
Mass	
Standard Price	

Contact

AVG-China GuangZhou Office
TEL : +86-20-28848616/+86-13902245414
<URL> http://www.avg.net/avg2.html
<E-mail> Mo@avg.net

HMI

Schneider Electric Japan Holdings Ltd. | CC-Link | HMI

CC-Link module CA7-CCLALL/EX01 for series GP3000 products

Compatible with intelligent device station CC-Link Ver2.0.

Features

- The cyclic transmission and transient transmission of the CC-Link functions are available for the series GP3000 programmable displays.
- Use of the cyclic transmission function enables to monitor all the remote input and output and remote register that are allocated to the master station.
- Use of the transient transmission function provides a device access to the PLCs at the master station and two or more local stations.
- Enables a handy communications without a program while requiring no memory design.

Station type	Intelligent device station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10/2.0
External dimensions	88.4(W)×91.0(H)×35.1(D) mm
Mass	Approx. 300 g or less
Standard Price	58,000円

Contact

Please check the following site.
<URL> http://www.proface.com/en/contact
<URL> http://www.proface.com/

GT15-J61BT13 Communication Modules for HMI (GOT1000)

Corresponds to intelligent device station module CC-Link Ver. 2

Features

- The GOT can be incorporated in CC-Link Ver. 2 field network system
- Since the CC-Link Ver. 2 module is upwardly compatible with CC-Link Ver. 1, it is easy to shift from Ver. 1 to Ver. 2
- Switch setting is not required as it is handled by the connection equipment for the utility and graph generation software
- Corresponds to GOT multiple channels
- Corresponds to QCPU (Q mode) multi-CPU system and Q-duplexing system
- Improved network construction by combining GOT utility and graph generation software

Station type	Intelligent device station
Number of stations occupied	Selectable from 1 or 4 stations
CC-Link version	Ver.1, Ver.2
External dimensions	
Mass	0.18kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link | HMI

Mitsubishi Graphic Operation Terminal CC-Link interface module for Handy GOT: GT11HS-CCL, GT11H-CCL

Connect the handy GOT with Q series PLC via CC-Link.
The removable handy GOT can be removed from the GT11H(S)-CCL and connected to a different GT11HS-CCL, or connected simultaneously to operate a machine.

Features

- PLCs can be remotely operated via CC-Link.
- Online operations such as monitoring and data changing of the Q PLC master station CPU, connected to CC-Link, can be carried out from the Handy GOT.
- The Handy GOT operation switch input information can be sent to the Q PLC master station CPU via CC-Link, allowing wiring to be reduced.
- The Handy GOT removal switch (release switch) makes it easy to remove the Handy GOT while the power is ON.
- When the Handy GOT emergency switch contact relay function GT11H-CCL is provided, the relay contact is not opened if the Handy GOT is not connected.
- Opened when GT11HS-CCL.

Station type	Intelligent device station
Number of stations occupied	1 station
CC-Link version	Ver.1
External dimensions	126×72×80 [mm]
Mass	約0.5 [kg]
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

LG-5F/LG-10F

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Multiple-function weighing indicator AD-4402

A multiple-function weighing indicator. In spite of the low profile body, it has a large display screen and well-established measuring functions. It offers input and output such as for the CC-Link to be compatible with various kinds of devices used in a plant.

Features

- A rate of as high as 100 samples per second enables to sensitively detects changes in weight.
- The memory function stores 100 kinds of data registrations for each material and blending code.
- Equipped with a blending function. This one unit alone enables blending of two or more materials.
- Equipped with a weighing sequence for material feed and discharge. Having functions for monitoring feed and discharge times and for auxiliary feeding.
- Equipped with a sequential function to handle charging and mixing.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	192(W)×96(H)×177(D) mm
Mass	Approx. 1.8 kg
Standard Price	お問い合わせください

Contact

A&D COMPANY, LIMITED
TEL : +81-3-5391-6132
<URL> http://www.aandd.co.jp
<E-mail> andgzb@163.com

A Weighing Indicator Designed for CC-Link AD-4408C

Features

- Direct connection to CC-Link with the CC-Link interface (provided as standard)
- Simple design to facilitate connection to a PLC
- High-speed (100 times/sec.), highly-accurate performance
- Compact, lightweight body makes it ideal for mounting into a control panel
- Dust and water-proof display (when mounted into a panel)
- Up to 64 units can be connected with one master unit (when configured with the AD-4408C)

Station type	Remote device station
Number of stations occupied	1,2,4 stations
CC-Link version	Ver.1.10
External dimensions	W144×H72×D135mm
Mass	Approx. 0.8kg
Standard Price	お問い合せ下さい

Contact

A&D COMPANY, LIMITED
TEL : +81-3-5391-6132
<URL> http://www.aandd.co.jp
<E-mail> andgzb@163.com

M4SC Metering Controller for Load Cells

This M4SC, if connected to a load cell, ensures complex weight control and can significantly reduce the burden on a PLC.

Features

- This M4SC, if connected to a load cell, ensures complex weight control and can significantly reduce the burden on a PLC.
- Functions can be set in an interactive input manner, so that the operability of initial setting is improved.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	W144×H192×D200
Mass	
Standard Price	150,000円(税別)

Contact

Fuji Electric Industries (Shanghai) co., ltd
TEL : +86-21-52401184
<URL> http://www.takemotodenki.co.jp
<E-mail> wgl@fujidensan.net

MX-22-D24-CC

Small instruction meter for load cell based on cc-Link by low cost.

Features

- I limit a function to indication, limiter movement and realize low price.
- Panel mount type of dimensions: 69mm * 98mm * 99mm.
- Four points limiters equipment
- Easy connect to set the output value of the load cell.
- Instructions meter of two stations occupation type.

Station type	Remote Device
Number of stations occupied	2 stations
CC-Link version	Ver.1.10
External dimensions	H69×W99×D92
Mass	Approx.0.5kg
Standard Price	

Contact

229-1113
3-9,Susukino-cyo,Sagamihara-shi,Kanagawa Japan
TEL : +81-42-752-4481 FAX : +81-42-752-4972
<URL> http://www.techtry.co.jp/english/index.htm
<URL> http://www.techtry.co.jp/english/products/amp-hyoujiki/products-tmp-mx22.htm
<E-mail> info@techtry.co.jp

Digital Indicator for Load Cells CSD-815B-73

This digital indicator CSD-815B for load sell is low-priced,light weight and compact size.

Features

- This unit is compact size(96mm×96mm×129.5mm).
- This unit is light weight(Approx. 0.5 kg).
- This unit is equipped with three step comparator and various control I/O.
- This unit has the peak hold function.
- This unit corresponds to a wide power supply.

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	96(W)×96(H)×129.5(D) [mm]
Mass	Approx. 0.5 kg
Standard Price	お問い合わせください

Contact

MinebeaMitsumi Inc.
TEL : +81-466-23-2681
<URL> http://www.minebea-mcd.com/en
<URL> http://www.minebea-mcd.com/en/product/i-amp/csd815.html
<E-mail> keisokukiki@minebeamitsumi.com

CSD-891B-73 Digital Indicator for Load Cells

This digital indicator for load cells can be housed in a panel.

Features

- This digital indicator measuring 67 mm × 208 mm × 143 mm is designed to be housed in a panel.
- High-speed A/D sampling at a rate of 200 times per second is realized.
- The digital indicator is equipped with a five-stage comparator and other control and input/output devices.
- The digital indicator has a full digital calibration function.
- The digital indicator covers a wide power range.
- A display panel and an operation unit are also provided, which can be individually operated.

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

MinebeaMitsumi Inc.
TEL : +81-466-23-2681
<URL> http://www.minebea-mcd.com/en
<URL> http://www.minebea-mcd.com/en/product/i-amp/csd891b.html
<E-mail> keisokukiki@minebeamitsumi.com

CSD-892-73 Digital Conversion Module

High performance and Palmtop size Digital Conversion Module.
Fit and Smart model in FA systems.

Features

- Best for the high speed measuring systems such as automatic weighing machine and the filling machines with 500 times/s of high speed sampling and an external output control.
- Equipped with DC24 V power supply.
- 35mm width DIN rail installation.
- Achieved the lightening and minimizing.
  Weight : Approx. 260g, Size 72mm x 96mm x 67.4mm (WxHxD)
- Equipped with CC-Link interface and USB interface are equipped with as a standard.
- Calibration through CC-Link interface is possible.
- Easy calibration with a shortcut key.
- Writing, Reading, Storing and Printing of the set data is easy depending on the software for PC.
- CE mark applied.

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	72mm×96mm×67.4mm (W×H×D)
Mass	Approx. 260g
Standard Price	お問合わせ下さい

Contact

MinebeaMitsumi Inc.
TEL : +81-466-23-2681
<URL> http://www.minebea-mcd.com/en
<URL> http://www.minebea-mcd.com/en/product/i-amp/csd892.html
<E-mail> keisokukiki@minebeamitsumi.com

Minebea Mitsumi Inc. | CC-Link | Load cell・Indicator

CSD-903-73 Digital Indicator for Load Cells

New basic model including all Minebea's precious measurement knowhow. Digital indicator, most suitable for weighing systems.

Features

- FLVFD type fluorescence display tube of 11.55 mm character height provides good visibility to main display.
- Display the measuring conditon actively by a variegated 18 digits of sub-display and 16 points of status display.
- Supplementary flow, auto free fall compensation and auto accumulation function can be controlled.
- Equipped with serial interface as a standard.
- Prepare a communications tool that can read and write a setting of parameter by connecting PC.
- CE mark applicable even if CC-Link interface is equipped. RoHS compliant product. IP65 as a protection rating.

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	144(W)×72(H)×146.7(D) [mm]
Mass	Approx. 1.0 kg
Standard Price	お問合せ下さい

Contact

MinebeaMitsumi Inc.
TEL : +81-466-23-2681
<URL> http://www.minebea-mcd.com/en
<URL> http://www.minebea-mcd.com/product/i-amp/csd903.html
<E-mail> keisokukiki@minebeamitsumi.com

CSD-912B-73 Graphic Digital Indicator for Load Cells

This graphic digital indicator CSD-912B for the load cells can be widely applied from an advanced sequence control such as the hopper scales, the packer scales, etc., to a simple measurement such as the platform scales, etc.

Features

- Because the TFT type wide viewing angle 6.2-inch color liquid crystal display with touch panel function is adopted, and the menu of various setting can be confirmed on the screen, the operation is easy.
- The measurement condition of full flow, middle flow, dribble flow, etc., can be confirmed by the graphic display in the sight.
- The brand code and the recipe code can be registered up to 100 kinds.
- 1,000 times/s of high speed A/D conversion. (24 bit of internal resolution)
- This unit can be smoothly replaced with the old unit for compact DIN size (192 mm × 96 mm).
- The enhanced sequence functions which suits the various measurement system is equipped.

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	192(W)×96(H)×170(D) [mm]
Mass	Approx. 1.6 kg
Standard Price	お問い合わせください

Contact

MinebeaMitsumi Inc.
TEL : +81-466-23-2681
<URL> http://www.minebea-mcd.com/en
<URL> http://www.minebea-mcd.com/en/product/i-amp/csd912b.html
<E-mail> keisokukiki@minebeamitsumi.com

Digital peak holder CSD-709-73

It is a digital peak holder with high speed sampling 4000 times / s.

Features

- High speed sampling speed at 4 000 times/s
- Corresponding to the various application
- Holding function corresponding to the application.
- Various interface.
- Waveform display and condition setting is available with PC by the additional memory and the specialized software.
- CE Mark applicable.
- Protection class: IP64

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	96mm×48mm×110mm (W×H×D)
Mass	Approx. 500 g (without options)
Standard Price	お問合わせ下さい

Contact

MinebeaMitsumi Inc.
TEL : +81-466-23-2681
<URL> http://www.minebea-mcd.com/en
<URL> http://www.minebea-mcd.com/en/product/i-amp/csd709.html
<E-mail> keisokukiki@minebeamitsumi.com

F735

Features

Station type	Remote device station
Number of stations occupied	1,2 or 4 stations
CC-Link version	Ver.2.00
External dimensions	144(W) × 72(H) × 99(D) mm (excluding the projections)
Mass	Approx.800g
Standard Price	

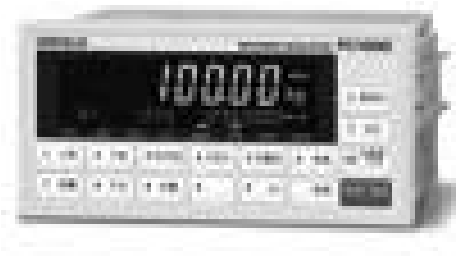
Contact

대리점㈜라디안
서울특별시 금천구 가산디지털2로 53 한라시그마밸리 611호
TEL : 02-6243-7170
취급점㈜코지인터내셔널
경기도 안산시 단원구 광덕1로 193 스카이프라자 302호
TEL : 070-8255-7722
<URL> www.cozyinternational.co.kr
<URL> http://www.unipulse.com/en/
<E-mail> sales@unipulse.com

UNIPULSE Corporation | CC-Link | Load cell · Indicator

FC1000

FC1000 is the weighing indicator with various features such as the white LCD main and sub display, IP 65 dust and drip protection, accumulation function, data recording on SD Card, and high-speed A/D conversion rate of 1.2kHz.



Features

- ●Total weight control function
- ●High sampling rate & resolution
- ●High performance filter
- ●Auto filter adjustment
- ●IP65 Protection
- ●Data recoding on SD Card Printer is no longer needed
- ●Bright white LCD display with the useful 20 digits sub display.
- ●Basic weighing process control function
- ●Equivalent input calibration
- ●Multipoint calibration (linearization)
- ●Input conversion value display
- ●Compact and lightweight with DIN 144×72 size
- ●Memory for 32 weight settings

Station type	Remote device station
Number of stations occupied	1,2 or 4 stations
CC-Link version	Ver.1.10
External dimensions	144(W) × 72(H) × 109(D) mm (excluding the projections)
Mass	Approx.850g
Standard Price	

Contact

International Salses Dept.
<URL> http://www.unipulse.com/en/
<URL> http://www.unipulse.com/en/products/FC1000.html
<E-mail> sales@unipulse.com

Weighing Controller F156 for CC-Link

Equipped with a CC-Link interface as a standard item, this weighing controller is best suited for use within control panels, etc.

Features

- The weighing controller has a metering sequence function that directly controls a gate simply by making settings and giving operation instructions.
- Settings can be made from a remote console unit (optional) or RS-232C in addition to the CC-Link.
  The weighing controller is also equipped with a serial output port to which our printer or display can be easily connected.
- The weighing controller has a high-accuracy head amplifier for load cells with a zero drift of 0.1μV/℃ , and a high-speed A/D conversion and digital processing capability at a speed of 500 times per second, realizing a high resolution of 1/10000 (internal 1/40000).
- Although it can be incorporated into a unit, an attachment for installation on a DIN rail (optional) is also available. Its compact size (67 mm (W) × 185 mm (H) × 130 mm (D)) permits the weighing controller to be installed in any place.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	Ver.1.10
External dimensions	67(W)×185(H)×130(D) mm
Mass	Approx. 1.7 kg
Standard Price	お問い合わせください

Contact

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<URL> http://www.unipulse.com/en/
<URL> http://www.unipulse.com/en/products/F156.html
<E-mail> sales@unipulse.com

Weighing Controller F160 for CC-Link

Control panel mounting type Weighing Controller with CC-Link interface, compact size and display.

Features

- A compact size (W67 × H185 × D120mm) makes saving space on control panel.
- High speed of 1000 times/sec A/D converter and high speed processing CPU are equipped. 1/10000 display resolution is assured.
- 0.1 micron V/℃ is realized by using the highly precise head amplifier for the load cell.
- Multi direction installing is available with special mounting angle.
- Communication with CC-Link is available by CC-Link optional board.
- RoHS compliant product.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	Ver. 1.10
External dimensions	67(W)×185(H)×120(D) mm
Mass	Approx. 1.2 kg
Standard Price	お問い合わせください

Contact

International Sales Dept.
TEL : +81-3-3639-6121
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<E-mail> sales@unipulse.com

Graphic Display Type Digital Indicator F372A

This is digital indicator for strain gauge type sensor for measuring and controlling press fitting, load, torque, etc.

Features

- Easy operation via 3.5 inch color LCD & touch panel.
  With the utilization of liquid crystal touch panel display, visibility and operability of wave profile display.
- A Combination of 26-types Holding Function. (2 Point Hold Mode used)
- The settings for hold mode, comparison, and graphs can be controlled and switched at the same time through the CC-Link as you desire.
- CE directives-conforming/RoHS-compliant product

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	96.0(W)×96.0(H)×138(D) mm
Mass	Approx. 1.0 kg
Standard Price	お問い合わせください

Contact

International Sales Dept.
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<URL> http://www.unipulse.com/en/products/F372A.html
<E-mail> sales@unipulse.com

UNIPULSE Corporation | CC-Link | Load cell・Indicator

Graphic Display Type Digital Indicator F377A

The F377 is a digital indicator for voltage and current output type sensor.
This product contributes to the quality control of production lines by its powerful hold and OK/NG judgment functions.

Features

- Easy operation via 3.5 inch color LCD & touch panel.
- With the utilization of liquid crystal touch panel display, visibility and operability of wave profile display.
- The settings for hold mode, comparison, and graphs can be controlled and switched at the same time through the CC-Link as you desire.
- RoHS-compliant product

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	96(W)×96(H)×138(D)mm
Mass	Approx. 1.0 kg
Standard Price	お問い合わせください

Contact

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<URL> http://www.unipulse.com/en/index.html
<URL> http://www.unipulse.com/en/products/F377A.html
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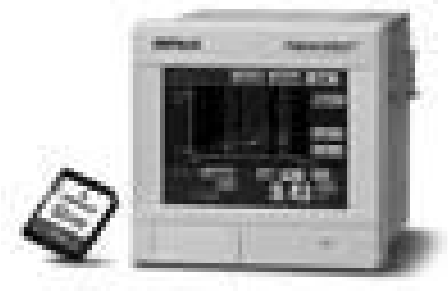
Dynamic Force Processor F381A

On-the-spot problem analysis and setting while observing fluctuation of "Force"
Boundless control on "Force" such as Pressure, Load and Torque!



Features

- Easy operation via 3.5 inch color LCD & touch panel
- Various comparison control functions (Set value can be selected up to 16 types.)
- Waveform comparison mode: comparison for indicated values along with time or displacement value
- Multi hold mode: detection and comparison for necessary point in indicated value
- Measurement data saved in SD card (All measurement waveforms can be preserved.)
- Load cell and displacement sensor can be connected.
- CE directives-conforming/RoHS-compliant product

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	96(W)×96(H)×117.3(D) mm
Mass	Approx. 1.0 kg
Standard Price	お問い合わせください

Contact

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Graphic Display Type Weighing Controller F600AT

This is a basic type weighing controller featuring select functions necessary for metering.

Features

- An easy-to-see guidance and a touch panel enable the operator to easily operate the weighing controller without consulting the operation manual.
- The weighing controller displays the variation in weight in real time, and marks the timing of large-volume, medium-volume, and small-volume supplies. Easy-to-identify large-size fonts are used for displaying values.
- The weighing controller has a sequence function compatible with metering systems, including checker scales, hopper scales, and packer scales.
- The panel conforms to the size (92 mm × 92 mm) specified by DIN, an international standard.
- Using the touch panel or the CC-Link or another interface, values, such as metered values, for up to eight brands can be set and saved.
- The weighing controller can communicate with the CC-Link simply by inserting a CC-Link board into an expansion slot.

Station type	Remote device station
Number of stations occupied	1, 2 or 4 stations
CC-Link version	Ver.1.10
External dimensions	96(W)×96(H)×138(D)mm
Mass	Approx. 1.0 kg
Standard Price	お問い合わせください

Contact

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Accumulation Value Display Weighing Controller F701-C

General-purpose type weighing controller equipped with sequence weighing function corresponding to high accuracy measurement control.

Features

- ●F701-C is a practical machine with good cost performance equipped with the functions of high accuracy feeding, final discharge control for discharge weighing control and sequence weighing function that is indispensable for hopper and packer scale.
- ●Able to handle weight fluctuations with its 200 times/second high-speed conversion. It also assures a display resolution at 1/10000 for all input range (it can be further increased to 1/40000 depending on type of setting)
- ●Apart from checking the weight value in real time, various calculations derived by the totaling function are also displayed.
- ●The display weighing data such as accumulation value of weighing data and various setting value can be displayed on the 18-digits sub-display.
- ●On its 144W × 72H mini DIN size, a screw-type terminal block that requires very little space is connected to its load cell.
- ●The communication with CC-Link is possible just to install the CC-Link board on the extended slot.

Station type	Remote device station
Number of stations occupied	1, 2 or 4 stations
CC-Link version	Ver.1.10
External dimensions	144(W)×72(H)×160(D) mm (not including projections)
Mass	Approx. 1.0 kg
Standard Price	オープン価格

Contact

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UNIPULSE Corporation | CC-Link | Load cell・Indicator

Global standard model High performance design Weighing indicator F701-S

High grade unit that pursues high specifications and functions

Features

- ●F701-S is a weighing indicator with high specifications and various functions such as super-low-drift high-precision amplifier, fast-sampling, weighing sequence functions that are useful for automatic weighing machines and control I/O.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	192(W)×96(H)×140(D) mm (Projections excluded)
Mass	Approx. 2kg
Standard Price	

Contact

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<E-mail> sales@unipulse.com

All-in-one Type Weighing Controller F800

A weighing controller with a wide range of applications and compatible with any metering system requiring advanced know-how.

Features

- The weighing controller has a sequence function compatible with metering systems, including checker scales, hopper scales, and packer scales.
- Purpose-first system key input and a high-luminance fluorescent character display tube make setting operations simple.
- The weighing controller has a high-accuracy head amplifier for load cells with a zero drift of 0.1μV/℃ , and a high-speed A/D conversion and digital processing capability at a speed of 100 times per second, realizing a high resolution of 1/10000 over the entire input range.
- Using the front keys or the CC-Link or another interface, values, such as metered values, for up to 100 brands can be set, selected, and metered.
- The weighing controller can communicate with the CC-Link simply by inserting a CC-Link board into an extension slot.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	130(W)×207(H)×150(D) mm
Mass	Approx. 3.0 kg
Standard Price	お問い合わせください

Contact

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<URL> http://www.unipulse.com/en/products/F800.html
<E-mail> sales@unipulse.com

All-in-one Type Weighing Controller F805A

A weighing controller combining a variety of functions developed exclusively for metering systems and ever-higher user-friendliness.

Features

- An easy-to-see guidance and a touch panel enable the operator to easily operate the weighing controller without consulting the operation manual.
- The weighing controller processes and displays the input from a load cell in the form of a waveform without delay at a speed of 1000 times per second. It is very convenient because you can adjust and set the starting speed of large-volume or small-volume supply by directly checking the waveform.
- The weighing controller has a sequence function compatible with metering systems, hopper scales, and packer scales.
- Another model featuring sequence functions specializing in applications, such as including checker scales, belt scales, constant feed-ware, and total weight metering, is also available.
- Using the touch panel or the CC-Link or another interface, values, such as metered values, for up to 100 brands can be set and saved.
- The weighing controller can communicate with the CC-Link simply by inserting a CC-Link board into an expansion slot.
- CE directives-conforming/RoHS-compliant product

Station type	Remote device station
Number of stations occupied	1, 2 or 4 stations
CC-Link version	Ver.1.10
External dimensions	174(W)×135(H)×159(D) mm
Mass	Approx. 2.3 kg
Standard Price	お問い合わせください

Contact

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Weighing Controller for Checker Scale F805A-CK

A weighing controller developed for checker scale

Features

- Selectable weighing mode to suit your applications.
  Dynamic Mode : This mode is most suitable when the belt speed or the dimensions of weighed items are not consistent.
  Static Mode : This mode is most suitable when there is dispersion in the weight data.
- Apart from checking the weight value in real time, various calculations derived by the totaling function are also displayed.
- By registering the setting values for each of the 100 types Weighing Code, the setting values can be quickly changed.
- The communication with CC-Link is possible only by the installation of the CC-Link board on the extended slot.
- EC directives-conforming/RoHS-compliant product
- CEマーキング取得/RoHS指令対応

Station type	Remote device station
Number of stations occupied	1, 2, 4 station
CC-Link version	Ver.1.10
External dimensions	174(W)×135(H)×159(D) mm
Mass	Approx 2.3 kg
Standard Price	お問い合わせください

Contact

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TEL : +81-3-3639-6121
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Weighing Controller for Constant Feed Weigher F805A-CF

A weighing controller developed for weight supply and loss-in-weight.

Features

- To enable automatic control of material's weight supply and material's replenishment.
- Master/slave operation are possible up to 8 units.
- Pre-installed with 6 types of sequence modes to provide flexibility. (Continuous operation・Batch operation・Fixed operation・Fixed and accumulated operation・Auto coordinate operation・Volumetric operation)
- The target value in relation to discharge weight (momentary flow rate) from the feeder can be set. It compares the variation of target value and momentary flow rate (control deviation) and performs feed back control (PID control) that adjusts the operational output (control rate) to enable control of momentary flow rate.
- The communication with CC-Link is possible only by the installation of the CC-Link board on the extended slot.
- CE directives-conforming/RoHS-compliant product

Station type	Remote device station
Number of stations occupied	1, 2, 4 stations
CC-Link version	Ver.1.10
External dimensions	174(W)×135(H)×159(D) mm
Mass	Approx. 2.3 kg
Standard Price	お問い合わせください

Contact

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<E-mail> sales@unipulse.com

Dynamic Force Processor F395

This processor is capable of graphically displaying, analyzing, and controlling pressure, load, and other data input from analog sensors at a high processing speed of 4000 times per second.
It is the optimum instrument for sorting and testing machines that determine whether automatic processing results are acceptable.

Features

●A wide variety of comparison and control functions
・Waveform comparison mode which constantly compares indicated values varying in line with time or displacement with upper and lower limits.
・Hysteresis mode which compares indicated values varying in line with the increase or decrease in displacement with upper and lower limits.
・Multi-hold mode which detects necessary points from among indicated values with upper and lower limits.

●Two-channel sensor inputs (strain gauge, voltage, current) can serve as X-axis and Y-axis inputs.

●Pulses can be directly input from rotary encoders, etc.

●The processor can communicate with the CC-Link simply by inserting a CC-Link board into an expansion slot.

●The processor has received a CE certificate.

Station type	Remote device station
Number of stations occupied	2 or 4 stations
CC-Link version	Ver.1.10
External dimensions	174(W)×135(H)×156(D) mm
Mass	Approx. 2.3 kg
Standard Price	お問い合わせください

Contact

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TEL : +81-3-3639-6121
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<URL> http://www.unipulse.com/en/products/F395.html
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F650-CK

Features

Station type	Remote device station
Number of stations occupied	
CC-Link version	Ver.1.10・Ver.2.00
External dimensions	96(W)×96(H)×138(D)mm
Mass	Approx. 1.0 kg
Standard Price	

Contact

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Graphic Display Type Digital Indicator F370/F371

This is a digital indicator for strain gauge type sensor for measuring and controlling press fitting, load, torque, etc.
It is the optimum instrument for sorting and testing machines that must determine whether automatic processing results are acceptable, at high speed and with a high degree of accuracy.

Features

- An easy-to-see guidance and a touch panel enable the operator to easily operate the digital indicator without consulting the operation manual.
- A high-speed digital circuit and our unique programming technology help the digital indicator process sensor signal input to control signal output 2000 times per second.
- Sixteen hold functions for samples, maximum values, inflection points, etc. never miss the necessary points of analog waveforms.
- The settings for hold mode, comparison, and graphs can be controlled and switched at the same time through the CC-Link as you desire.
- The digital indicator can communicate with the CC-Link simply by inserting a CC-Link board into an extension slot.
- The digital indicator has received a CE certificate.

Station type	Remote device station
Number of stations occupied	1, 2 or 4 stations
CC-Link version	Ver.1.10
External dimensions	100(W)×96(H)×138(D) mm
Mass	Approx. 1.0 kg
Standard Price	お問い合わせください

Contact

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TEL : +81-3-3639-6121
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<URL> http://www.unipulse.com/en/products/F370-26-F371.html
<E-mail> sales@unipulse.com

UNIPULSE Corporation | CC-Link | Load cell・Indicator

Graphic Display Type Weighing Controller F600

This is a basic type weighing controller featuring select functions necessary for metering.

Features

- An easy-to-see guidance and a touch panel enable the operator to easily operate the weighing controller without consulting the operation manual.
- The weighing controller displays the variation in weight in real time, and marks the timing of large-volume, medium-volume, and small-volume supplies. Easy-to-identify large-size fonts are used for displaying values.
- The weighing controller has a sequence function compatible with metering systems, including checker scales, hopper scales, and packer scales.
- The panel conforms to the size (92 mm × 92 mm) specified by DIN, an international standard.
- Using the touch panel or the CC-Link or another interface, values, such as metered values, for up to eight brands can be set and saved.
- The weighing controller can communicate with the CC-Link simply by inserting a CC-Link board into an expansion slot.

Station type	Remote device station
Number of stations occupied	1, 2 or 4 stations
CC-Link version	Ver.1.10
External dimensions	100(W)×96(H)×138(D) mm
Mass	Approx. 1.0 kg
Standard Price	お問い合わせください

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FC400

Features

Station type	Remote device station
Number of stations occupied	1,2 or 4 stations
CC-Link version	Ver.1.10
External dimensions	W33(mm)×H88(mm)×D91(mm)
Mass	Approx.0.17kg
Standard Price	

Contact

International Salses Dept.
TEL : +81-3-3639-6121
<URL> http://www.unipulse.com/en/
<E-mail> sales@unipulse.com

Digital Indicator FS2000

The best solution for OK/NOK judgment of press fitting and caulking application !!
High responsiveness of 5kHz to fully utilize the performance of Super Cell !!
A fluctuation of force is shown as a waveform

Features

- ●OK/NOK judgment with 2ch sensor inputs !!
- ●Comparison & hold function by waveform display
- ●Improved usability
- ●Trend display is helpful for preventive maintenance
- ●Changed setting items are highlighted!
- ●Saved measured data (waveform) on the SD card can be displayed afterwards

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	132(W)×98(H)×110(D)mm
Mass	Approx. 1.0kg
Standard Price	

Contact

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TEL : +81-3-3639-6121
<URL> http://www.unipulse.com/en/
<URL> http://www.unipulse.com/en/products/FS2000.html
<E-mail> sales@unipulse.com

EDI-800/910 Indicator/Controller for Load Cells

This is a general-purpose indicator/controller with a wide range of applications, including hopper scales (blending scales).

Features

- The indicator/controller combines high speed, high accuracy, and high resolution backed by an A/D conversion rate of 100 times per second and a resolution of 300,000 counts.
- Up to 100 brands can be set and saved, each of which can be easily changed by selecting the corresponding brand number.
- Plural scales can be centrally operated by using the CC-Link with less wiring.
- Settings and metering results can be easily fetched at high speed with less wiring.
- The indicator/controller can communicate with the CC-Link simply by inserting a CC-Link card (option D) into an option slot.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	96(W)×144(H)×178(D)
Mass	Approx. 1.1 kg
Standard Price	

Contact

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FEC-700 High-speed Metered Quantity Filling Indicator/Controller

This general-purpose indicator/controller for load cells ensures fast, very accurate filling thanks to high-speed sampling.

Features

- High-speed sampling (500 times per second) realizes fast, very accurate filling.
- The indicator/controller contains a sequence program for controlling fillers.
- All I/O, set values, and metering results can be read and written through the CC-Link.
- Using the CC-Link permits the centralized operation of plural fillers with less wiring.
- The indicator/controller can communicate with the CC-Link simply by inserting a CC-Link card (option D) into an option slot.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	96(W)×144(H)×178(D)
Mass	1.3 kg
Standard Price	お問い合わせください

Contact

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CFC-200 Calculation Regulator for Load Cells

This calculation regulator for load cells offers optimum measurement and control for metering units, such as conveyor scales and conveyor type constant feeders.

Features

- Containing knowledge about metering units for conveyors in a compact body, this calculation regulator is designed exclusively for load cells. It is available for regular conveyor scales, conveyor scales with an angle correction function, and conveyor type constant feeders.
- Settings and metering results can be easily fetched at high speed with less wiring.
- The calculation regulator can communicate with the CC-Link simply by inserting a CC-Link.
- The settings of target conveyance volumes, ratios, and water contents and the metering results of integrated values, conveyed volumes, load factors, etc. can be communicated as data.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	96(W)×144(H)×178(D)
Mass	1.4 kg
Standard Price	お問い合わせください

Contact

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LEC-200 Calculation Regulator for Load Cells

This calculation regulator for load cells offers optimum measurement and control for metering units for loss-in-weight type constant feeders.

Features

- Containing know-how about metering units for loss-in-weight type constant feeders in a compact body, this calculation regulator is designed exclusively for load cells.
- Settings and metering results can be easily fetched at high speed with less wiring.
- The calculation regulator can communicate with the CC-Link simply by inserting a CC-Link.
- The settings of target conveyance volumes, ratios, brands, and brand-related items and the metering results of integrated values, conveyed volumes, weight inside the hopper, etc. can be communicated as data.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	96(W)×144(H)×178(D)
Mass	1.4 kg
Standard Price	お問い合わせください

Contact

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Load Cell Digital Indicator/Controller EDI-2000

This is a general-purpose indicator/controller with a wide range of applications, including hopper scales (blending scales).

Features

- Four languages supported (Japanese,English,Chinese,Korean)
- Plural scales can be centrally operated by using the CC-Link with less wiring.Settings and metering results can be easily fetched at high speed with less wiring.
- Rich self-diagnostic functions for safe and secure weighing
- Accurate weighing control with various graph display functions
- The indicator comes with a built-in checking function for the AD conversion peripheral circuitry,the excitation voltage,the load cell wiring,and the like,making early detection of failures during operation possible.
- IP65 equivalent dust-proof and splash-proof characteristics

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.1
External dimensions	128(W)×157(H)×185(D)
Mass	Approx. 2kg
Standard Price	お問い合わせください

Contact

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Digital Transducer Indicator TD-700T(CCL)

Color LCD equipped High Speed and High Cost Performance Digital Transducer Indicator

Features

- Five-digit digital display enables direct reading of physical quantities up to ±99999.
  - Support for TEDS sensors makes calibration easy.
  Automatic calibration is also possible when a TEDS sensor is connected.
  - An equivalent input function is included, making sensitivity adjustment without actual loads easy.
  - Static strain measurement is possible.
  Identifying load cell defects and other problems through plastic deformity is easy.

Station type	Remote Device Station
Number of stations occupied	1 station, 2 stations, 4 stations
CC-Link version	Ver.1.10
External dimensions	Approx. 96 mm × 53 mm × 132 mm (without protrusions)
Mass	Approx. 300 g
Standard Price	

Contact

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Instrumentation Amplifier WGA-680A

High-spead sampling

The WGA-680A series is compact amplifiers enabling direct reading of physical quantities such as load through high-speed sampling of signals from a strain gage transducer.

Features

- High-performance processing(Sampling rate: 4000 times/s, ADC resolution: 24 bits)
- Substantial comparison functions(Limit high, high, OK, low, and limit low)
- Analog output(A DAC is equipped)
- Various optional interfaces(CC-Link, RS-485/TEDS, RS-232C/TEDS, and BCD/TEDS)
- Display in Red, green, or orange(To respond different situations)

Station type	Remote device station
Number of stations occupied	1station/2 stations/4 stations
CC-Link version	Ver.1.10
External dimensions	96(W) ×96(H) ×126(D)mm (not including Protrusions)
Mass	Approximately 750 g (without option)
Standard Price	Contact us

Contact

共和电业(上海)贸易有限公司
上海市虹桥路808号41栋A-8505室
TEL : 86-21-64477770
FAX : 86-21-64478033
<URL> http://www.kyowa-ei.com/eng/

IND131/331 Industrial Scale Terminals

IND331 as a process terminal providing strong weighing performance in difficult process weighing conditions.

Features

- Sharp OLED front panel display with easy 4-button operator interface
- Choice of terminal mounting methods: Desktop or wall
- Environmental protection rating IP66
- Modular design allows easy access to main and option boards
- SD Memory Card slot
- Direct connection to CC-Link with the CC-Link interface、Analog output
- Interfaces:CC-LINK, Analog output, Allen-Bradley RIO, DeviceNet™, EtherNet/IP™, Modbus TCP, PROFIBUS® DP, ControlNet™

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	Ver.1.0
External dimensions	220×131×177[mm]
Mass	2.26[kg]
Standard Price	

Contact

Mettler-Toledo Industry/Retail
111 West Taihu Road, Xinbei District,Changzhou,Jiangsu Zip: 213125
TEL : 0519-86642040
FAX : 0519-86641991
<URL> http://www.mt.com
<URL> http://cn.mt.com/cn/zh/home/products/Industrial_Weighing_Solutions/terminals_indicators/Process_Weighing_Terminals_CN/IND331_harsh.html
<E-mail> ad@mt.com

High-speed strain gauge panel meter VGM4

Compact,high-performance and Good good performance.
high-speed sampling of 4000 samples per second(Hold:20000 sanmples per second)

Features

●Highly functional color graphic LCD screen, full 5-digit display
- ・Warning indication which considered the user viewpoint
- ・16bit Analog output (Voltage: 0±1 ～ 10V, Current: 4 ～ 20mA)
- ・Bipolar hold function (+/- two-way Sampling , hold and averaging)
- ・Four comparison setting outputs

Station type	Remote device station
Number of stations occupied	1 Station,2 Stations, 4 Stations
CC-Link version	Ver1.10
External dimensions	W96×H52.5×(D140.2), Panel cutout dimensions W92×H45
Mass	Approximately 300 g
Standard Price	

Contact

VALCOM Co.,LTD
560-0035
3-7-25, Minowa, Toyonaka City, Osaka Pref, JAPAN
TEL : +81-6-6857-1811 FAX : +81-6-6857-1003

Valcom Co.,LTD. | CC-Link | Load cell・Indicator

Weighing Indicator Designed for CC-Link VWM8C

Can be connected to CC-Link directly.
High-efficiency digital filter adopted!
Outstanding ability in locations with frequent vibrations.

Features

●Can be connected to CC-Link directly. (CC-Link interface included as standard.)
Simplified design with focus on connection with PLC.
High speed(100 times/s) and high accuracy.
Lightweight and compact body.Suitable to be embedded in control panel.
Dust- and waterproof display(when panel mounted)
Up to 64 slave units can be connected to one master unit.(When the system consists of VWM8C only)

Station type	remote device station
Number of stations occupied	1 Station,2 Stations, 4 Stations
CC-Link version	Ver1.10
External dimensions	W144×H72×(D134.7)、Panel cutout dimensions W138×H68
Mass	Approximately 800 g
Standard Price	

Contact

Weighing controller

Features

- Transmission with weight, packaging, ingredients, sorting, measuring weight loss control and other functions are optional.
- Support multi-point calibration and calibration without weight.
- Instrument exchange without calibration.
- Simple programmable logic control.
- Millivoltmeter function for easy check and diagnosis.

Station type	remote device station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	185(W)×91.5(H)×193(D)mm, without contain protrusions
Mass	2.7 [kg]
Standard Price	

Contact

ZHUHAI LONGTEC CO.,LTD.
Jinliang Road, Kuangshan Industry Area, Hongqi, Jinwan, Zhuhai City G.D., P.R.C : 519090
TEL : +86 756 8155202 8155232 8155735
FAX : +86 756 8155622
<E-mail> longtec2008@163.com
<E-mail> sales@longtec.com

BWM Series

It's a mapping sensor sensing a glass or wafer.

Features

- It consist of main and sub units. And it used double scan method.
- It can be auto teching.
- It can be changing ON/OFF Level.
- It has display LED it shows error message or self-diagnous states.
- It is a compact size model because CC-Link Moudle are in Sensor

Station type	Remote I/O Station
Number of stations occupied	32 point
CC-Link version	Ver. 1.0
External dimensions	32 X 32 X *
Mass	
Standard Price	

Contact

제조사㈜오토닉스
인천광역시 연수구 벤처로36번길 37
TEL : 032-850-7822
<URL> http://www.autonics.com
<URL> http://www.takex-elec.co.jp/product/specific/body_ASW_e.html
<URL> http://www.osebong.com/autome/menu03_01.php?ptype=view&prdcode=0707140020&catcode2=121611&page=&

Absolute Encoder ACURO series CC-Link

ACURO is the only encoder on the market to provide an integrated CC-Link interface node. It is the perfect absolute encoder with geared multiturn.

Features

- "Built in type" CC-Link interface, connect to PLC directly
- Battery less Geared multiturn
- High resolution (max 17bits)
- High robust design (against vibration / shock 10G / 100G) · Dust and water proof design (IP67)
- Preset function · Self check and output alarm
- UL standard · CE marking

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10, Ver.2.00
External dimensions	ϕ58 mm
Mass	Approx. 450 g
Standard Price	お問い合わせください

Contact

<URL> https://www.fortive-icg.jp/
<URL> https://www.fortive-icg.jp/products/HENGSTLER/fieldbus_encorder/#AC58CC-Link
<E-mail> contact@fortive-icg.jp

Image processing system XG-7000 series

Freely and easily builds advanced processing. New standard of custom image processing.

Features

- ●Freely builds image processing flow without programming
- ●Flexible and high customization with variable processing tools
- ●High affinity with PLC/PC controller
- ●Ultra high-speed hardware with "3+1" processor system
- ●Up to four megapixel cameras with the highest speed in the industry can be connected

Station type	Remote Device Station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	92.4(W)×159(H)×132.5(D) mm
Mass	Approx. 1,250g
Standard Price	お問い合わせください

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.com
<URL> http://www.keyence.com.sg/products/vision/machine/xg7000/xg7000.php
<E-mail> info@keyence.co.jp

Image processing system XG-8000 series

Freely and easily builds advanced processing. New standard of custom image processing.

Features

- ●Freely builds image processing flow without programming.
- ●Flexible and high customization with variable processing tools.
- ●High affinity with PLC/PC controller.
- ●Ultra high-speed hardware with "3+1" processor system.
- ●Up to four megapixel cameras with the highest speed in the industry can be connected.
- ●PLC/PC制御装置との高い親和性

Station type	Remote Device Station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	134.6(W)×159(H)×132.5(D) mm
Mass	Approx. 1,600g
Standard Price	お問い合わせください

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.com
<URL> http://www.keyence.co.jp/gazo/gazosystem/xg_8000
<E-mail> info@keyence.co.jp

LK-G5000 CMOS Laser Displacement Sensor

Max. 12-head connection
World's fastest sampling

Features

- ●World fastest 392 kHz sampling
- ●Industry best accuracy, ±0.02%
- ●0.01 μm of repeatability, that is highest in its class
- ●Simultaneous sampling with up to 12 heads
- ●High-compatibility with PLC/PC controller

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver1.10 / Ver2.00
External dimensions	91.3(W)×130(H)×128(D)mm
Mass	Approx. 900g
Standard Price	お問い合わせ下さい

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.co.jp/
<URL> http://www.keyence.co.jp/henni/laser_henni/lk_g5000
<E-mail> info@keyence.co.jp

Ultra-High-Speed, Multi-Camera Vision Systems CV-5000 series

圧倒的な課題解決力と現場での運用を考え抜いたユーザビリティー

Features

- ●超高精細検査を実現する500万画素カメラ
- ●超高速処理「3+1」プロセッサテクノロジー
- ●照明制御ユニットで画像処理と照明制御を融合
- ●業界最速、最高精度・輪郭形状サーチ「Shape TraxⅡ」
- ●難題を解決する新外観検査アルゴリズムを多数追加搭載

Station type	Remote Device Station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	92.4(W)×159(H)×132.5(D) mm
Mass	Approx. 1,250g
Standard Price	お問い合わせください

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.com
<URL> http://www.keyence.com.sg/products/vision/machine/cv5000/cv5000.php
<E-mail> info@keyence.co.jp

Ultra high-speed, Flexible Image Processing System XG-8800 series

Freely and easily builds advanced processing. New standard of custom image processing.

Features

- ●Freely builds image processing flow without programming.
- ●Flexible and high customization with variable processing tools.
- ●High affinity with PLC/PC controller.
- ●Ultra high-speed hardware with "3+1" processor system.
- ●Up to four megapixel cameras with the highest speed in the industry can be connected.
- ●PLC/PC制御装置との高い親和性

Station type	Remote Device Station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	206.5(W)×159(H)×132.5(D) mm
Mass	Approx. 2,400g
Standard Price	お問い合わせください

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.com
<URL> http://www.keyence.co.jp/gazo/gazosystem/xg_8000
<E-mail> info@keyence.co.jp

Image processing system XG-X2000 series

The industry high 14 core realizing an industry top performance

Features

- ●The industry high 14 core realizing an No.1 problem-solving skills
- ●The first in the industry to have "applied skill" search
- ●pursued manageability

Station type	Remote Device Station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	
Mass	
Standard Price	

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211

ABSOCODER Conversion Device VE-2CC ／ VM-2CC

Introducing an ABSOCODER model compatible with CC-Link. Let the ABSOCODER handle highly reliable position detection.

Features

- Absolute position detection eliminates the necessity for home return.
- Due to the non-contact structure, the durability and environmental resistance are outstanding.
- Resistant to power shutdown and accidental noise
- Sets the current position at any desirable position
- Explosion proof model is available!
- Built-in self-diagnostic function

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Version 1.10
External dimensions	45 (W) × 160 (H) × 115 (D)
Mass	Approx. 0.7 kg
Standard Price	Please ask NSD representatives.

Contact

NSD Trading Corporation (NSD Group)
TEL : +81-52-261-2352
<URL> http://www.nsdcorp.com
<E-mail> foreign@nsdcorp.co.jp

Electromagnetic induction type rotary encoder "ezABSO" EZA-MACCL-01F (multi-turn type)

"ezABSO" is a brand new Rotary Encoder which is adopted Electromagnetic Induction Type. "ezABSO" is able to detect positions singly because the converter system is built in the sensor.

Features

- The detection part of the sensor has a long lifespan due to non-contact structure.
- No life-limited components (light emitter, photo detector, electrolytic capacitor, battery, or variable resistor) are used.
- Withstands the harshest environment (vibration resistance: 200m/s², shock resistance: 2000m/s², protection rating: IP66, sensor board: moisture-proof coating)
- Number of divisions: Max. 2,301,100,032 (8,778-turn x 262,144)
  *: 262,144 is division numbers for a turn.
- Confirmed to CE Marking

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Version 1.10
External dimensions	Φ59.5mm
Mass	Approx. 0.55kg
Standard Price	Please ask NSD representative.

Contact

NSD Trading Corporation (NSD Group)
TEL : +81-52-261-2352
<URL> http://www.nsdcorp.com/
<E-mail> foreign@nsdcorp.co.jp

E3NW-CCL CC-Link Digital Sensor Communications Unit

The Next-generation Sensor Networking Units That Revolutionize the Workplace from Introduction and Startup though Operation

Features

- Low initial cost achieved by distributed placement with the Sensor Communications Unit and Distributed Sensor Units (patent pending).
- Programless transmission of ON/OFF signals and detected quantities to host PLC.
- Reading and writing threshold values and function settings, tuning, and other operations are possible.
- Wire saving: simply connect the communications cable and power cable, and slide the Amplifier Units from the side.

Station type	Remote Device Station
Number of stations occupied	2 stations, 3 stations
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	41(W)x105.1(H)x32.5(D)
Mass	Approx. 80g
Standard Price	

Contact

CC-Link Communication Unit UC1-CL11

Mitsubishi iQSS-compliant sensor network unit

Features

- iQSS-compliant
- Improved traceability and maintenance
- Remote monitoring for a unit
- Wire-saving & space-saving design

Station type	Remote device station
Number of stations occupied	2/3/4 stations (switchable)
CC-Link version	Ver.1.10
External dimensions	39(W)x92(H)x33.2(D)
Mass	Approx. 90g
Standard Price	

Contact

OPTEX FA CO., LTD.
TEL : +81-75-325-2920

Magnescale Co., Ltd. | CC-Link | Sensor・Encoder

Measuring System MG40 Series

Network measurement system for high-speed communication,multi-axis measurements, and data management.

Features

- Its standard CC-Link or Ethernet interface, enables you to process and store remote data via your existing LAN.
- Lowers overall costs by reducing the number of peripheral devices and wiring connections while improving reliability.
- The system performs error detection on all communication lines to ensure excellent reliability.
- Ideal for measurement systems used in large-scale manufacturing facilities.
- Configures itself automatically for different models, resolutions, and measurement lengths without any initial setup operation.
- Also to provide real-time trend analyses based on actual measurements taken on the production line.

Station type	Remote device station
Number of stations occupied	4 stations occupied
CC-Link version	Ver.1.1
External dimensions	W43 × H155 × D69 [mm]
Mass	MG41:300g MG42:250g
Standard Price	お問い合せ下さい

Contact

International Sales Depertment
TEL : +81(0)463-92-7971 FAX : +81(0)463-92-7978
<URL> http://www.mgscale.com/

SANTEST CO., LTD. | CC-Link | Sensor・Encoder

GYcRP/GYCL-201 Magnetostrictive Linear Displacement Sensor

High-speed transmission of digital positional data

Features

- High precision (±0.05%FS or lower)
- Noncontact measurement realizes longer operating life
- Outstanding environment resistance
- Setting changeable according to sensor
- Upper/lower limit detection function

Station type	Remote device station
Number of stations occupied	3 stations
CC-Link version	
External dimensions	180×100×39.5
Mass	Approx. 0.6 kg
Standard Price	

Contact

취급점썬덴코리아 주식회사
경기도 성남시 중원구 사기막골로 124 SKⓝ테크노파크 비즈센터 1409호
TEL : 031-776-0880

CIO-MICRO-CC

In-Sight EZ's I/O module supports CC-Link. The high-speed and highly-reliable CC-Link enables an easy transmission and receiving of the inspection results as well as the parameters necessary for inspection retained in vision system.

Features

- EasyBuilder, the programless development environment, allows not only easy vision development but also easy CC-link settings.
- Supports the transmission and the receiving of all the information including the inspection results and the parameters necessary for inspection retained in vision system.
- In addition to CC-Link, discrete I/O (8 inputs, 10 outputs) and RS-232C are also available.

Station type	Remote device station
Number of stations occupied	1 ～ 4
CC-Link version	Ver.1.00, 1.10, 2.00
External dimensions	139.5 X 125.4 X 51.3
Mass	295 [g]
Standard Price	お問い合わせください

Contact

Cognex K.K.
Bunkyo Green Court 23rd floor
2-28-8 Hon-komagome, Bunkyo-ku
Tokyo 113-6591
TEL : 0120-005409
<URL> http://www.cognex.com/
<URL> http://www.cognex.com/ProductsServices/InsightEZ/Default.aspx?id=4350&langtype=1041
<E-mail> support@cognex-china.com

AD-8923-CC Remote Controller(CC-Link)

Easily create a production line weighing system by connecting AD-4212C weighing sensors. With A&D weighing instruments (balances and scales), it is possible to transmit weighing data with CC-Link.

Features

- A production line weighing system can easily be created by connecting AD-4212C weighing sensors (CC-Link connection).
- When A&D weighing instruments (electronic balances and scales) are connected, it is possible to transmit weighing data with CC-Link.
- The green LED provides an easy-to-see display.
- Because of its compact size, it can be installed in a line using a small amount of space.
- The power source supports AC and DC (DC 24V) input using a dedicated adapter.
- With one master, up to 42 weighing instruments can be connected.

Station type	Remote device station
Number of stations occupied	1 stations
CC-Link version	Ver.1.10
External dimensions	W144×H72×D110[mm]
Mass	Approx. 0.6kg
Standard Price	

Contact

A&D Company, Limited.
Marketing Department
3-23-14 Higashi-Ikebukuro, Toshima-ku
Tokyo 170-0013 Japan
TEL : +81-3-5391-6132
FAX : +81-3-5391-6148
<URL> http://www.aandd.jp/
<URL> http://www.aandd.jp/products/peripheral/ad8923cc.html
<URL> http://www.aandd.jp/products/weighing/balance/ad4212/ad4212c.html

CMC10A CC-Link/Temperature Regulator Converter

This converter can communicate with the CC-Link and digital indicators/regulators with ease.

Features

- The converter can communicate with the CC-Link without using any program.
  One CMC10A can communicate with up to 16 temperature regulators.
- Programs are easier to create.
  Data is automatically collected from the temperature regulators connected to the CMA10A.
- Setting is easy with general-purpose software.
  The CMC10A can be easily set with general-purpose software.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.1
External dimensions	100 (H) × 30 (W) × 105 (D) mm
Mass	Approx. 300 g
Standard Price	

Contact

제조사㈜야마타케
현지법인한국아즈빌㈜
서울특별시 영등포구 여의나루로 27(사학연금회관) 16층
TEL : 02-2168-7827

Ionization Vacuum Gauge M-722HG-CC, M-822HG-CC, M-832HG-CC, M-922HG-CC

The B-A type ionization vacuum gauge series is controllable by the CC-Link.

Features

- A large-size liquid crystal display is adopted.
- The pressure range can be automatically switched.
- Roughing gauge option
  - ・The gauge can not only measure the pressure of a roughing gauge but also transmits pressure data.
  - ・The roughing gauge is automatically switched to the B-A gauge (M-822HG-CC and M-832HG-CC only).
- The B-A type ionization vacuum gauge series can be used for vacuum units for manufacturing semiconductors and electronic devices, and analyzing units, including electron microscopes, and for the measurement and control of the pressure of various vacuum units.

Station type	Remote device station
Number of stations occupied	1 station or 2 stations
CC-Link version	
External dimensions	99 (H) × 209 (W) × 330 (D) mm
Mass	Approx. 5.4 kg
Standard Price	

Contact

제조사캐논아넬바㈜
대리점캐논세미콘덕터엔지니어링코리아
경기도 수원시 영통구 영통동 영일로26길 봉빌딩 5층(1014-15)
TEL : 031-677-6182

Paperless Recorder with selectable I/O module 73VR3100

Compatible with CC-Link to communicate with PLC: the 73VR3100 used as remote I/O with network module, or remotely controlled by PLC with gateway module.

Features

- Remote PLC control to start/stop the recorder, to enter comments and modify setting via the Gateway Module (R3-GC1).
- Remote I/O with local display and recorder, integrated in a PLC control system by adding the Network Module (R3-NCx).
- Wide selection of I/O signals
- 20 msec. storing rate with the combination of 8 analog and 8 discrete inputs
- The 73VR Software Package (model: 73VRPAC2) for Windows PC is included.

Station type	Remote device station
Number of stations occupied	R3-GC1: 4 stations, R3-NCx: 4 stations, 8 stations (Ver. 1.11 only)
CC-Link version	R3-GC1: Ver. 1.10, Ver. 2.00, R3-NCx: Ver. 1.11, Ver. 2.00
External dimensions	W144×H144×D245.1 mm
Mass	Approx. 2.3 kg (except I/O modules)
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

Digital Temperature Controller FB400/FB900

The FB Series is a high performance process controller with a more advanced Brilliant PID, autotuning., selectable cycle time of 0.05/0.1/0.25 second and 0.1% of accuracy in short depth housing.

Features

- ●Acuracy of 0.1%、sampling of 0.1 second
- ●Digital input : 7 points, Digital output : 4 points
- ●Heater break alarm and analog retransmission output is available.
- ●Ramp/Soak program control is available.
- ●Easy parameter setup via USB loader port (Loader communication)
- ●Inter-controller communication.

Station type	Remote device station
Number of stations occupied	1 station/4 stations
CC-Link version	Ver.2.00/1.10
External dimensions	FB400: 48(W)×96(H)×60(D)mm HB900: 96(W)×96(H)×60(D)mm
Mass	HB400:230g, HB900:290g
Standard Price	お問い合せ下さい

Contact

RKC INSTRUMENT INC.
TEL : +81-3-3751-9799
<URL> http://www.rkcinst.com
<E-mail> cs@rkcinst.co.jp

High-Speed Digital Controller HA400/HA900

HA400/HA900 is a digital controller which provides a high speed sampling cycle time of 25ms (0.025 sec). Supplied with high resolution input and parameter settable in 1/100 sec.

Features

- ●Sampling of 0.025 second, acuracy of 0.1%.
- ●1 or 2 loop control.
- ●Ramp/Soak program control is available.
- ●Digital input : 7 points, Digital output : 4 points
- ●Heater break alarm and analog retransmission output is available.

Station type	Remote device station
Number of stations occupied	1 station/4 stations
CC-Link version	Ver.2.00/1.10
External dimensions	HA400: 348(W)×96(H)×110(D)mm HA900: 96(W)×96(H)×110(D)mm
Mass	HA400:360g, HA900:460g
Standard Price	お問い合せ下さい

Contact

RKC INSTRUMENT INC.
TEL : +81-3-3751-9799
<URL> http://www.rkcinst.com
<E-mail> cs@rkcinst.co.jp

Module type Digital Controller SRX (X-TIO-L)

SRX is a module type Digital controller which provides a high speed sampling cycle time of 25ms (0.025 sec). Supplied with high resolution input and parameter settable in 1/100 sec.

Features

- ●Sampling of 0.025 second, acuracy of 0.1%.
- ●2 loop control.
- ●A maximum of 30 modules can be connected for 60-loop control.
- ●Ramp/Soak program control is available.
- ●Digital I/O module is available.
- ●Heater break alarm function is available.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.2.00/1.10
External dimensions	40.5(W)×125(H)×110(D)mm
Mass	300g
Standard Price	お問い合せ下さい

Contact

RKC INSTRUMENT INC.
TEL : +81-3-3751-9799
<URL> http://www.rkcinst.com
<E-mail> cs@rkcinst.co.jp

Module type Digital Temperature Controller SRV (V-TIO-L)

2-Loop control can be performed with a module. 31modules can be connected for 62-loop control. Distributed installation is possible, enabling multi-zone distributed control system in a compact size.

Features

- ●2 loop temperature control.
- ●A maximum of 31 modules can be connected for 62-loop control.
- ●Three type of modules - heating control, cooling control, and heating/cooling control - are available
- ●Acuracy of 0.3%、sampling of 0.5 second
- ●Digital input : 1 point, Digital output : 2 points
- ●Heater break alarm function is available.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.2.00/1.10
External dimensions	40.5(W)×125(H)×110(D)mm
Mass	270g
Standard Price	お問い合せ下さい

Contact

RKC INSTRUMENT INC.
TEL : +81-3-3751-9799
<URL> http://www.rkcinst.com
<E-mail> cs@rkcinst.co.jp

Module type Digital Temperature Controller SRZ

Small size module of 30x100x85mm (WxHxD) to perform 4-channel temperature control per module. Multi-zone temperature control can be achieved on CC-Link by using a COM-JC CC-Link communication converter.

Features

- Heater break alarm function is available.
- Three type of modules - heating control, cooling control, and heating/cooling control - are available
- The maximum of 16 temperature control modules (4ch per module) can be connected to perform 64-channel temperature control.
- Acuracy of 0.2%, sampling of 0.25 second
- Digital I/O module is available for Run/Stop transfer, alarm output and others.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.2.00/1.10
External dimensions	30(W)×100(H)×85(D) mm
Mass	160kg
Standard Price	お問い合わせください

Contact

RKC INSTRUMENT INC.
TEL : +81-3-3751-9799
<URL> http://www.rkcinst.com
<E-mail> cs@rkcinst.co.jp

Module Type Multiple-point Temperature Regulator SR Mini HG System

With this regulator, a multiple-point control and monitoring system can be constructed on the CC-Link.

Features

- Up to eight two-channel modules for temperature control can be connected to the regulator.
- Three types of modules - heating control, cooling control, and heating/cooling control - are available.
- A high-performance type with an accuracy of 0.1 % and a sampling cycle of 0.1 second is also available.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.00
External dimensions	
Mass	
Standard Price	電源/CPUモジュール ¥46,000 CC-Link接続モジュール ¥49,000 温度制御モジュール ¥34,000～

Contact

RKC INSTRUMENT INC.
TEL : +81-3-3751-9799
<URL> http://www.rkcinst.com
<E-mail> cs@rkcinst.co.jp

SR83 Series Digital Regulator

The CC-Link is part of a temperature regulator.

Features

- Almost all parameters can be set with the CC-Link.
- The front operation area is of a dustproof and splashproof structure (equivalent to IP66).
- A large-size, clear display is adopted.
- A wide variety of options are available.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.1
External dimensions	96 (H) × 96 (W) × 111 (D) mm
Mass	420 g
Standard Price	

Contact

제조사㈜시마덴
대리점광진에스엠디㈜
인천광역시 남구 미추홀대로 700 동서빌딩 2층
TEL : 032-433-9828

Multi-point temperature control system (C series)

A maximum of 320 points of temperature control can be performed.

Features

- Multipoint control of up to 16 blocks (320 points) (1 block: 20 points)
- Easy operation using the Touch screen unit (CMT-200)
- Connectable easily to CC-Link compatible units
- Each unit can be mounted or removed individually.

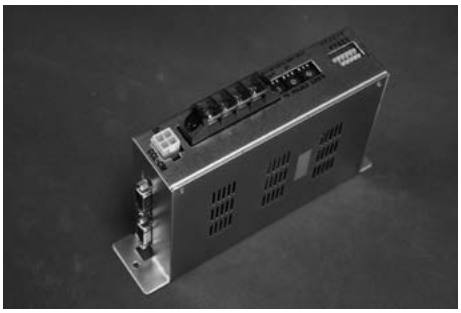
Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.0
External dimensions	Differs depending on the combined units.
Mass	Differs depending on the combined units.
Standard Price	お問い合わせください

Contact

Overseas division
TEL : 81-72-727-6100
FAX : 81-72-727-7006
<URL> http://www.shinko-technos.co.jp/e/index.html
<URL> http://www.shinko-technos.co.jp/e/products/multi_point_control_system_c_series.html
<E-mail> overseas@shinko-technos.co.jp
<E-mail> luhong@jd-shinko.com

CCL-CM 2CH Unit for Capacitance Manometers

A low-priced, high-performance interface unit for capacitance manometers.



Features

- This power supply unit is most suitable for automatic controllers for capacitance manometers (Baratron@R).
- The unit's I/O is perfectly compatible with our CCL-MFC and an upgraded version of the output power supply.
- The internal processing speed is as fast as 2 ms.
- The external power supply is isolated from the communication and D/A&A/D systems.

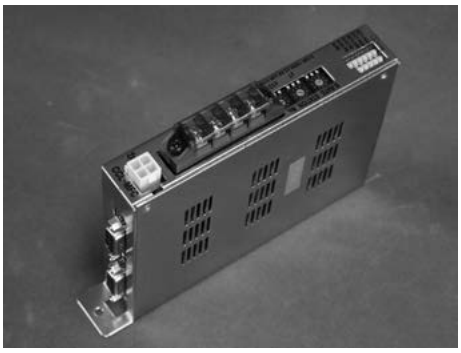
Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.1
External dimensions	36(W)×130(155)(H)×95(D) mm
Mass	0.49 kg
Standard Price	

Contact

YOSIO Electronic Company
TEL : 042-471-2587
<E-mail> info@yosio.co.jp

CCL-MFC 2CH Controller for Mass Flow Controllers

A low-priced, high-performance interface unit for mass flow controllers.



Features

- This unit is most suitable for automatic controllers, such as Mass Flow Controllers.
- The outside power supply input part and the inner circuit are isoration.
- This controller has received an NRTL certificate (UL61010-01A).

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.1
External dimensions	24(W)×130(155)(H)×95(D) mm
Mass	0.41 kg
Standard Price	

Contact

YOSIO Electronic Company
TEL : 042-471-2587
<E-mail> info@yosio.co.jp

CCL-PS Analog I/O Microcomputer Board for Power Supplies

A low-priced, high-performance interface unit for power supplies.

Features

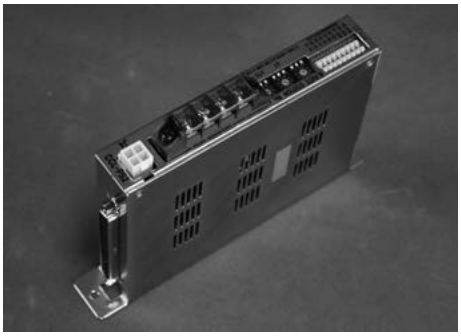
- This unit is most suitable for automatic controllers, such as power supplies.
- The power supply, communication, PI, PO, and D/A&A/D systems are isolated from one another, and external input can be set on the connector for analog systems monitorring.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.1
External dimensions	113(W)×30.5(H)×112(D) mm
Mass	0.285 kg
Standard Price	

Contact

CCL-PS2 Remote Unit Controller

A low-priced, high-performance interface unit for measuring units.



Features

- This unit is most suitable for automatic controllers, such as measuring units.
- The outside power supply input part and the inner circuit are isoration.
- This controller has receives an NRTL certificate (UL61010-01A).

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.1
External dimensions	24(W)×95(D)×130(155)(H) mm
Mass	0.39 kg
Standard Price	

Contact

YOSIO Electronic Company
TEL : 042-471-2587
<E-mail> info@yosio.co.jp

UTAdvanced Series Digital Indicating Controllers UT75A/UT55A/UT52A/UT35A/UT32A

UTAdvanced Series Controllers employ an easy-to-read, 14-segment large color LCD display, along with navigation keys, thus greatly increasing the monitoring and operating capabilities. A ladder sequence function is included as standard. The short depth of the controller helps save instrument panel space. The UT55A/UT52A also support open networks such as CC-Link communication.

Features

●Advanced Control

-8 build-in control modes and types ;PID control, ON/OFF control(1 point of hysteresis), ON/OFF control(2 point of hysteresis), Two-position control, Heating/cooling control, Sample PI control, Batch PID control, Feedforward control

-Ladder sequence control -Number of basic command types: 13, Number of application command types: 73

-Fuzzy logic ;The field proven SUPER function utilizes a built-in operator experience and fuzzy theory to deliver fine control and suppress overshoot.

●Simplicity

-Bright & Easy to Read Active Color LCD Display

-Easy Operation Map, Navigation Guide and Navigation Keys

-Multiple language support ;English, Spanish, French, and German

-Compact design depth (The 65-mm depth)

-LL50A Parameter Setting Software ;Setting Parameters Tool, Programing ladder Tool, CC-LINK Profile setting Tool

●Comminucation Functions

-Modbus ;Modbus/TCP,Modbus/RTU

-Open Network ;CC-LINK, PROFIBUS, DeviceNet)

-Peer to Peer ;The use of the ladder sequence program makes it possible to exchange analog data and status data between communication-capable UTAdvanced.

-Coodinated Operation ;The slave controllers are operated in accordance with the actions of the master controller.

-PC-LINK

●Reliability

-RoHS/WEEE compliant ;UTAdvanced is environmentally safe when disposing.

Dust-proof and drip-proof front panel (NEMA4*2 /IP66)

-UTAdvanced can also be used for food-processing equipment with washable control panels.

Station type	Remote device station
Number of stations occupied	1 station - 4 station
CC-Link version	Ver.2.00, Ver,1,10
External dimensions	• External dimensions (mm): UT75A, UT55A, UT35A: 96 (width) x 96 (height) x 65 (depth from the panel surface) UT52A, UT32A: 48 (width) x 96 (height) x 65 (depth from the panel surface)
Mass	Weight: 0.5 kg or less
Standard Price	Contact us

Contact

Yokogawa China Co., Ltd. NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<URL> http://www.yokogawa.com/
<URL> http://www.utadvanced.com/index.html
<URL> http://www.yokogawa.com/ns/cis/utup/ns-index_utup.htm

UTAdvanced Series Digital Indicator with Alarms

The UM33A digital indicator with Alarms employ an easy-to-read, 14-segment large color LCD display, along with navigation keys, thus greatly increasing the monitoring and operating capabilities. The short depth of the controller helps save instrument panel space. Also supporting the CC-Link communication.

Features

●The UM33A has an universal input which can directly input signals from various sensors in the field. Embedded CC-Link communication. Equipped with retransmission output.

●Simplicity
- -Bright & Easy to Read Active Color LCD Display
- -Easy Operation Map, Navigation Guide and Navigation Keys
- -Multiple language support ;English, Spanish, French, and German
- -Compact design depth (The 65-mm depth)
- -LL50A Parameter Setting Software ;Setting Parameters Tool, CC-LINK Profile setting Tool

●Reliability
- -RoHS/WEEE compliant ;UTAdvanced is environmentally safe when disposing.

Dust-proof and drip-proof front panel (NEMA4*2 /IP66)
- -UTAdvanced can also be used for food-processing equipment with washable control panels.

Station type	Remote device station
Number of stations occupied	1 station - 4 station
CC-Link version	Ver.2.00, Ver,1,10
External dimensions	External dimensions (mm): 96 (width) x 48 (height) x 65 (depth from the panel surface)
Mass	Weight: 0.5 kg or less
Standard Price	Contact us

Contact

Yokogawa China Co., Ltd. NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<URL> http://www.yokogawa.com/
<URL> http://www.utadvanced.com/index.html
<URL> http://www.yokogawa.com/ns/cis/utup/ns-index_utup.htm

UTAdvanced Series DIN rail mounting type Controllers UT55A/MDL, UT52A/MDL, UT35A/MDL, UT32A/MDL

UTAdvanced Series DIN rail mounting type controllers can be mounted in a panel. Mounting the controller in a panel simplifies the panel surface. A ladder sequence function is included as standard. The short depth of the controller helps save instrument panel space. They also support open networks such as CC-Link communication.

Features

●Integrated universal input/output, contact input/output, communication function and power supply brings both space-saving and rich functionality.
Advanced Control -8 build-in control modes and types ;PID control, ON/OFF control(1 point of hysteresis), ON/OFF control(2 point of hysteresis), Two-position control, Heating/cooling control, Sample PI control, Batch PID control, Feedforward control
-Ladder sequence control -Number of basic command types: 13, Number of application command types: 73
-Fuzzy logic ;The field proven SUPER function utilizes a built-in operator experience and fuzzy theory to deliver fine control and suppress overshoot.

●Comminucation Functions
-Modbus ;Modbus/TCP,Modbus/RTU
-Open Network ;CC-LINK, PROFIBUS, DeviceNet
-Peer to Peer ;The use of the ladder sequence program makes it possible to exchange analog data and status data between communication-capable UTAdvanced.
-Coodinated Operation ;The slave controllers are operated in accordance with the actions of the master controller.
-PC-LINK

●Reliability
-RoHS/WEEE compliant ;UTAdvanced is environmentally safe when disposing.

Station type	Remote device station
Number of stations occupied	1 station - 4 station
CC-Link version	Ver.2.00, Ver,1,10
External dimensions	• External dimensions (mm): UT55A/MDL, UT35A/MDL: 96 (width) x 114 (height) x 100 (depth) UT52A/MDL, UT32A/MDL: 48.2 (width) x 114 (height) x 100 (depth) • Compatible DIN rails: TH35-7.5Fe, TH35-7.5Aℓ , JIS C 2812
Mass	Weight: 1 kg or less
Standard Price	Contact us

Contact

Yokogawa China Co., Ltd. NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<URL> http://www.yokogawa.com/
<URL> http://www.utadvanced.com/index.html
<URL> http://www.yokogawa.com/ns/cis/utup/ns-index_utup.htm

UTAdvanced Series Program Controllers UP55A/UP35A/UP32A

The UTAdvanced Series Program Controller employs an easy-toread, 14-segment large color LCD display, along with navigation keys, thus greatly increasing the monitoring and operating capabilities. A ladder sequence function is included as standard. The short depth of the controller helps save instrument panel space. It also support open networks such as CC-Link communication.

Features

●Equipped with a large-capacity program setting function that can store 99 program patterns and 600 program segments (UP55A with /AP option). It can be used in a wide variety of heating/cooling control applications. UP35A/UP32A has maximum 4 program patterns and 40 segments (with /AP option).

●Simplicity
-Bright & Easy to Read Active Color LCD Display
-Easy Operation Map, Navigation Guide and Navigation Keys
-Multiple language support ;English, Spanish, French, and German
-Compact design depth (The 65-mm depth)
-LL50A Parameter Setting Software ;Setting Parameters Tool, Programing ladder Tool, CC-LINK Profile setting Tool

●Comminucation Functions
-Modbus ;Modbus/TCP,Modbus/RTU
-Open Network ;CC-LINK, PROFIBUS, DeviceNet)
-Peer to Peer ;The use of the ladder sequence program makes it possible to exchange analog data and status data between communication-capable UTAdvanced.
-Coodinated Operation ;The slave controllers are operated in accordance with the actions of the master controller.
-PC-LINK

●Reliability
-RoHS/WEEE compliant ;UTAdvanced is environmentally safe when disposing.
Dust-proof and drip-proof front panel (NEMA4*2 /IP66)
-UTAdvanced can also be used for food-processing equipment with washable control panels.

Station type	Remote device station
Number of stations occupied	1 station - 4 station
CC-Link version	Ver.2.00, Ver,1,10
External dimensions	• External dimensions (mm): UP55A, UP35A: 96 (W) × 96 (H) × 65 (depth from the panelface) UP32A: 48 (W) × 96 (H) × 65 (depth from the panelface) (Depth except the projection on the rear panel)
Mass	Weight: 0.5 kg or less
Standard Price	Contact us

Contact

Yokogawa China Co., Ltd. NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<URL> http://www.yokogawa.com/
<URL> http://www.utadvanced.com/index.html
<URL> http://www.yokogawa.com/ns/cis/utup/ns-index_utup.htm

maXYmos BL 5867B

The maXYmos BL monitors and evaluates XY curves of two measurands that have to stand in a certain relation to each other. The quality of an individual manufacturing step, as assembly or the entire product can be determined on this relation.

Features

- Measurement function: Y(X), Y(X, t), Y(t) and X(t)
- Short evaluation time of up to 10 parts/second
- Ethernet TCP/IP for measurement data and remote maintenance
- Dig. IO (24 V) for control and results
- 2 switch signals in real time for X- and Y-threshold
- Sensor for X channel: Potentiometer and ±10 V
- Sensor for Y channel: strain gage or piezoelectric
- Information pages for NOK cause diagnosis
- 3,5" color touch screen display

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	V. 2.00
External dimensions	-
Mass	max. 840g
Standard Price	Offers on request

Contact

Kistler Japan Co., Ltd.
Tokyo 108-0022
TEL : +81 3 3769 9501
<URL> http://www.kistler.com
<E-mail> sales.jp@kistler.com

maXYmos TL 5877A

The maXYmos TL captures, analyzes and evaluates the XY curves of two measurands that are required to maintain a precisely pre-determined relationship to each other. XY measurements of this kind can be used to monitor the quality of an individual manufacturing step, a series of steps in component assembly or an entire product.

Features

- Y=f(X), Y=f(X,t), Y=f(t), X=f(t) measurement functions
- High-speed evaluation, measuring up to 20 parts per second
- Ethernet TCP/IP for measurement data, remote maintenance and channel cascading
- Digital I/O (24 V) for control and results
- 2 switch signals for X and Y threshold
- Sensor for X channel: Potientometer, ±10 V, LVDT, incremental, SSI
- Sensor for Y channel: strain gage, ±10 V or piezoelectric
- Multiple data export formats, e.g. Q-DAS, XML, CSV, PDF
- Powerful NOK diagnostics, process-value trend analysis etc.
- optional: Display module (DIM) with 10.4" color touch screen and front-facing USB port

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	V. 2.00
External dimensions	-
Mass	-
Standard Price	Offers on request

Contact

Kistler Japan Co., Ltd.
Tokyo 108-0022
TEL : +81 3 3769 9501
<URL> http://www.kistler.com
<E-mail> sales.jp@kistler.com

HORIBA STEC Co., Ltd. | CC-Link | Process Device

Mass Flow Controller SEC-N105 Series

■CC-Link Communication Digital Mass Flow Controller SEC-N105 Series
A variety of communication, fitting-to-fitting dimensions and flow control ranges to suit customer needs.

Features

●■High accuracy
Accuracy : ±1.0% S.P. : 30–100% F.S.
±0.3% F.S. : ≤30% F.S.
■High-speed response throughout the flow rate range
New variable PID algorithm: 1 second high-speed response
■Multi-range, multi-gas solution
Exclusive software allows users to easily alter MFC configuration

Station type	リモートデバイス局
Number of stations occupied	1局占有（接続台数　最大42台）
CC-Link version	ver 1.10
External dimensions	W 81.8(mm) H 132±1(mm) D 30.5±0.5(mm) (N115, N125)
Mass	-
Standard Price	お問合せください

Contact

HORIBA STEC, Co., Ltd.
TEL : +81 75 693 2300
<URL> http://www.horiba.com/semiconductor/
<URL> http://www.horiba.com/semiconductor/products/product-lines/mass-flow-controller/

fuji electric f-tech | CC-Link | Process Device

AC POWER REGULATOR PWMAPR-M

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Space Optical Repeater Unit AJ65BT-RPI-10A/AJ65BT-RPI-10B

Space transmission is realized by infrared rays.

Features

- Space transmission over a distance of zero meters to 100 meters is realized by infrared rays.
  It is possible to use a CC-Link system even in a location where cable wiring is difficult. The maximum baud rate is 2.5 Mbps.
- The communication status of the unit can be monitored.
  The light receiving status of the unit can be monitored (fetched into the master station).
  Additionally, since the fetched light receiving status of the unit can be displayed on the unit's LEDs with the aid of the sequence program of the master station, the optical axis can be easily fine-adjusted.
- The AJ65BT-RPI-10A and the AJ65BT-RPI-10B must be used in pairs.

Station type	Remote I/O station
Number of stations occupied	1 (with monitor functions used), 0 (with monitor functions not used)
CC-Link version	-
External dimensions	100(H)×161(W)×57.5(D) [mm]
Mass	0.5 kg
Standard Price	各200,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

DMM-GB HB/DMM-GC HC Space Optical Data Transmission Unit (8-bit/16-bit Parallel Type)

A popular parallel type, this unit requires few wires.

Features

- The unit requires only seven wires, thereby saving wiring.
- Up to 64 units can be connected to a master unit.
- The unit can establish optical communication with our DMS-GB HB/DMH-GC HC.
- The unit comes in two types: head-on (horizontal) and side-on (vertical).
- The unit comes with two transmission distances: one meter and three meters.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	90 (W) × 20 (H) × 87 (D) mm
Mass	0.1 kg
Standard Price	DMM-GB1 : 48,000円 DMM-GB2 : 57,000円 DMM-HB1 : 48,000円 DMM-HB2 : 57,000円 DMM-GC1 : 83,000円 DMM-HC1 : 83,000円

Contact

SHANGHAI SUNSWIN MECHATRONIC CO., LTD.
TEL : +86-21-62774110
<URL> http://www.hokuyo-aut.co.jp
<E-mail> larrylzx@vip.sina.com

BWF-17A 17B/BWF-27A 27B Space Optical Data Transmission Unit (Serial Type)

This unit uses space as a transmission channel and is, therefore, most suitable for use with mobile units.

Features

- The unit is of a handheld size and lightweight.
- The degree of distance margin is high, and data can be transmitted with a high level of reliability.
- The unit comes with two transmission distances: 100 meters and 200 meters.
- Up to 42 units can be connected to a master unit.

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	
External dimensions	84 (W) × 44 (H) × 128 (D) mm
Mass	0.5 kg
Standard Price	BWF-17A:100,000円 BWF-17B:100,000円 BWF-27A:115,000円 BWF-27B:115,000円

Contact

SHANGHAI SUNSWIN MECHATRONIC CO., LTD.
TEL : +86-21-62774110
<URL> http://www.hokuyo-aut.co.jp
<E-mail> larrylzx@vip.sina.com

BWF-2CA・2CB Wireless Optical Repeater

Long distance and high speed data transmission with high reliability

Features

- Long distance transmission(0 ～ 200m) can be made with infrared ray even though small and lightweight body.
- It is most suitable for the communication between a ground station and a moving station because of wireless communication.
- It is possible to connect the segment up to 2 phases.
- It is possible to do high speed communication up to Max. 5MBPS. (2.5MBPS in case of the communication with different frequency device)
- It is possible to monitor the situation for the communication and optical axis with LED indicators and to load the light-receiving data into the master station. Also, it is easy to do a fine adjustment of optical axis because loaded light-receiving data at opposite sidecan be checked with the sequenced program at master station.

Station type	Remote I/O station
Number of stations occupied	1 (when using monitoring function), 0 (when not using monitoring function)
CC-Link version	
External dimensions	161(W)×100(W)×57.5(D)mm
Mass	0.5kg
Standard Price	お問い合わせ下さい。

Contact

SHANGHAI SUNSWIN MECHATRONIC CO., LTD.
TEL : +86-21-62774110
<URL> http://www.hokuyo-aut.co.jp/
<E-mail> larrylzx@vip.sina.com

SOT-CP801/CP803, SOT-CP1601/CP1603 Parallel Remote Space Optical Transfer Unit (8-bit/16-bit)

Costs have been reduced as a result of less wiring!

Features

- The unit requires no cables and is optimum for data transmission between mobile units.
- Using an optical medium eliminates noise and the effect of magnetism.
- The unit comes in two types: 8 input points/8 output points and 16 input points/16 output points.
- The unit comes with two transmission distances: 1 meter and 3 meters.
- The unit is lightweight and compact and uses a detachable connector type terminal block.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	90 (W) × 95 (D) × 20 (H) mm
Mass	250 g
Standard Price	SOT-CP801:48,000円/ SOT-CP803:51,000円/ SOT-CP1601:58,000円/ SOT-CP1603:61,000円

Contact

TOYO ELECTRIC CORPORATION
TEL : (+81)568-88-1181
<URL> http://www.toyo-elec.co.jp/en/index.html
<URL> http://www.toyo-elec.co.jp/seihin/electric/kuukanhikari/CC-Link_web/cc_link.html
<E-mail> info@toyo-elec.co.jp

SOT-GS8014V/SOT-GS15014V Serial Remote Space Optical Transfer Unit

These are serial transmitters capable of transmitting large amounts of data over long distances.

Features

- Requires no cabling, making it ideal for data communication with moving equipment.
- Use of optical media means zero effects from EMI.
- Not subject to legal restrictions like RF networks.
- Uses a CC-Link connection, so no interface unit is required.
- SOT-GS8014V (Transmission range: 0 to 80m)
- SOT-GS15014V (Transmission range: 0 to 150m)

Station type	Remote device station
Number of stations occupied	1, 2, 3, or 4 stations
CC-Link version	Ver. 1.10
External dimensions	80 (W) × 166 (D) × 40 (H) mm (main body only)
Mass	350 g (body only)
Standard Price	SOT-GS8014V:90,000円/ SOT-GS15014V:100,000円

Contact

TOYO ELECTRIC CORPORATION
TEL : (+81)568-88-1181
<URL> http://www.toyo-elec.co.jp/en/index.html
<URL> http://www.toyo-elec.co.jp/seihin/electric/kuukanhikari/CC-Link_web/cc_link.html
<E-mail> info@toyo-elec.co.jp

SOT-MQ82/SOT-MQ162 Space Optical Repeater Unit

This device can do transmission rate of CC-Link for space optical communication to maximum 2.5Mbps.

Features

- This device does not catch an electric noise and the magnetic influence at all. Because Optically transmit CC-Link data.
- The CC-Link cable can be replaced with wireless optical communication.
- Wireless reception can be transmitted to a master unit,facilitating optical-axis adjustment and improving maintainability.
- Communication speeds of 156 k, 652 k, and 2.5 Mbps supported.
- SOT-MQ82(Transmission range:0.2 to 80m)
- SOT-MQ162(Transmission range:0.2 to 160m)

Station type	Remote I/O station
Number of stations occupied	Using monitoring function:1, not using :0
CC-Link version	Ver.1.10/2.00
External dimensions	W80×D110×H55mm (body only)
Mass	0.35kg(body only)
Standard Price	SOT-MQ82:100,000円/ SOT-MQ162:110,000円

Contact

TOYO ELECTRIC CORPORATION
TEL : (+81)568-88-1181
<URL> http://www.toyo-elec.co.jp/en/index.html
<URL> http://www.toyo-elec.co.jp/seihin/electric/kuukanhikari/CC-Link_web/cc_link.html
<E-mail> info@toyo-elec.co.jp

SOT-MS102/SOT-MS202 Space Optical Repeater Unit

Optically transmit CC-Link data.

Features

- This device does not catch an electric noise and the magnetic influence at all. Because Optically transmit CC-Link data.
- The CC-Link cable can be replaced with wireless optical communication.
- Wireless reception can be transmitted to a master unit,facilitating optical-axis adjustment and improving maintainability.
- Communication speeds of 652 k, 2.5 M, 5 M and 10 Mbps supported.
- SOT-MS102(Transmission range:0.2 to 100m)
- SOT-MS202(Transmission range:0.2 to 200m)

Station type	Remote I/O station
Number of stations occupied	Using monitoring function:1, not using :0
CC-Link version	Ver.1.10/2.00
External dimensions	W80×D110×H55mm (body only)
Mass	0.35kg(body only)
Standard Price	SOT-MS102:150,000円/ SOT-MS202:180,000円

Contact

TOYO ELECTRIC CORPORATION
TEL : (+81)568-88-1181
<URL> http://www.toyo-elec.co.jp/en/index.html
<URL> http://www.toyo-elec.co.jp/seihin/electric/kuukanhikari/CC-Link_web/cc_link.html
<E-mail> info@toyo-elec.co.jp

Intelligent multifunctional relay IPR2-A□0□, IPR2-A□1□

Features

Station type	リモートデバイス局
Number of stations occupied	1局
CC-Link version	Ver.2.0
External dimensions	210×100×35mm
Mass	
Standard Price	お問い合わせください

Contact

TOYO ELECTRIC CORPORATION
TEL : +81-568-88-1700
<URL> http://www.toyo-elec.co.jp/
<E-mail> info@toyo-elec.co.jp

Serial RS-232 Communication Unit CCL-U

Low Price Serial RS232 Communication Unit. Printers and other RS232 devices can be connected. Optional parts. DIN Rail mounter.

Features

- ●Low Price Serial RS232 Communication Unit
- ●Printers and other RS232 devices can be connected. Cables are available commercially
- ●Power Supply DC24V
- ●External Dimentions W121×H100×D41[mm] . Commpact Size
- ●Optional parts. DIN Rail mounter.
- ●RoHS-compliant product

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10
External dimensions	W121 × H100 × D41 [mm]
Mass	0.4 [kg]
Standard Price	

Contact

TEL : +81-078-413-1111
FAX : +81-078-412-2222
<URL> http://www.nada.co.jp/

Remote Coupler System RCD22E-211-CLC RCD22T-211-CLC / Inductive Coupling version

CC-Link Data Transmission and Power Supply(24VDC/1A) through Air Gap by Inductive Coupling

Features

- ●Transmitting distance 3 to 5mm (Center off-set4mm)
- ●Supply voltage 24V DC/2A
- ●Transmitting Speed : max.10Mbps
  156K/625K/2.5M/5M/10Mbps available
- ●Built-in Terminator
  Terminator used/unused can be changed by switch

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	90(W)×97(H)×45(D)
Mass	1,300g/each
Standard Price	RCD22T-211-CLC・RCD22E-211-CLC 各150,000円

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<E-mail> b-plus@b-plus-kk.jp

Remote Coupler System RCD22 series / CC-Link version

CC-Link Data Transmission and Power Supply(24VDC/1A) through Air Gap

Features

- ●Transmitting distance
  4 to 6mm (Center off-set5mm)
- ●Supply voltage
  24V DC/1A
- ●Transmitting Speed : max.2.5Mbps
  156K/625K/2.5Mbps available
- ●Built-in Terminator
  Terminator used/unused can be changed by switch

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	110 (W) × 150 (H) × 55 (D) mm
Mass	
Standard Price	RCD22T-922・RCD22E-922 各200,000円

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp
<E-mail> b-plus@b-plus-kk.jp

EVT-T9GAR Slave Station for Thin Type Electropneumatic Regulators

This thin type electropneumatic regulator manifold can meet the requirements of PLC control with less wiring. It is the optimum solution to pressure control in the semiconductor and precision processing fields and creeping valve control.

Features

- This is an analog input/output unit with four input channels for (pressure monitoring) and four output channels (for pressure control).
- A slave station is capable of controlling up to four electropneumatic regulators.
- Five baud rates can be set (156 kbps, 625 kbps, 2.5 Mbps, 5 Mbps, 10 Mbps).
- Because of its high integration performance, the slave station can manifold up to 12 electropneumatic regulators (three slave stations).
- All piping and wiring are connected to the front, realizing improved operability and space saving.
- The DIN rail is installed either on the bottom or the back.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	
External dimensions	32 (W) × 75 (D) × 75 (H) mm
Mass	145 g
Standard Price	お問い合わせください

Contact

CKD CORPORATION
TEL : +81-(0)568-74-1338
<URL> http://www.ckd.co.jp/
<E-mail> ckdservice@ckd.sh.ch

OPP2-1G Slave Station for Manifold Solenoid Valves

This station can be used in a dusty environment.

Features

- The station has a protective structure equivalent to IP64.
- The operation of the valve can be identified on the display of the slave station.
- Five baud rates can be set (156 kbps, 625 kbps, 2.5 Mbps, 5 Mbps, 10 Mbps).
- An output mode in case of communication errors can be selected (hold or clear).

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	W = 54, H = 40, L = 112 (mm)
Mass	
Standard Price	お問い合わせください

Contact

CKD CORPORATION
TEL : +81-(0)568-74-1338
<URL> http://www.ckd.co.jp/
<E-mail> ckdservice@ckd.sh.ch

OPP3-1G Slave Station for Manifold Solenoid Valves

This flat cable type slave station can be equipped with a wide variety of solenoid valves.

Features

- This slave station is the shortest in height among the series (when mounted).
- Five baud rates can be set (156 kbps, 625 kbps, 2.5 Mbps, 5 Mbps, 10 Mbps).
- An output mode in case of communication errors can be selected (hold or clear).

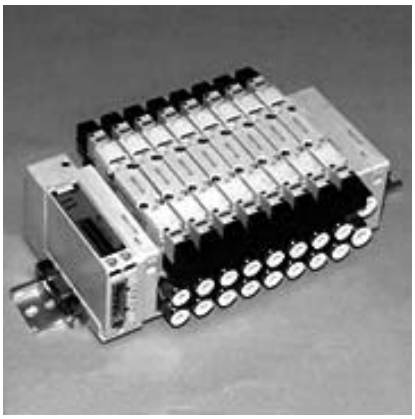
Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	W = 50, H = 41, L = 84 (mm)
Mass	
Standard Price	お問い合わせください

Contact

CKD CORPORATION
TEL : +81-(0)568-74-1338
<URL> http://www.ckd.co.jp/
<E-mail> ckdservice@ckd.sh.ch

OPP4-1G Slave Station for Manifold Solenoid Valves

This station adopts a slot-in system to connect the human- and environment-friendly next-generation block manifold solenoid valve MN4G series.



Features

- A slot-in system enables the slave station to be connected to and disconnected from valves.
- The station is slim.
- Five baud rates can be set (156 kbps, 625 kbps, 2.5 Mbps, 5 Mbps, 10 Mbps).
- An output mode in case of communication errors can be selected (hold or clear).

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	W = 20, H = 60, L = 78 (mm)
Mass	
Standard Price	お問い合わせください

Contact

CKD CORPORATION
TEL : +81-(0)568-74-1338
<URL> http://www.ckd.co.jp/
<E-mail> ckdservice@ckd.sh.ch

OPP5-*G Slave Station for Manifold Solenoid Valves

This station offers high environmental resistance and friendliness, outstanding maneuverability in all processes from installation to maintenance, and upgraded performance in step with the times.

Features

- The station has a protective structure equivalent to IP65 (dustproof, jet-proof type).
- The flexibility in wiring directions has been improved vertically and horizontally.
- Input or output units can be connected.
- The maximum number of input/output points is 32.
- Five baud rates can be set (156 kbps, 625 kbps, 2.5 Mbps, 5 Mbps, 10 Mbps).
- An output mode in case of communication errors can be selected.

Station type	
Number of stations occupied	1 station
CC-Link version	
External dimensions	W = 60, L = 130, H = 70
Mass	
Standard Price	お問い合わせください

Contact

CKD CORPORATION
TEL : +81-(0)568-74-1338
<URL> http://www.ckd.co.jp/
<E-mail> ckdservice@ckd.sh.ch

OPP6-*G Slave Station for Manifold Valves

This three-/four-port valve block manifold combines high integration, space saving, and high performance although it is compact and requires less wiring.

Features

- Although the slave station is compact and low, it offers 32 output points.
- Since it is compact structure, the footprint can be reduced.
- Five baud rates can be set.
- An output mode can be selected in case of communication errors.

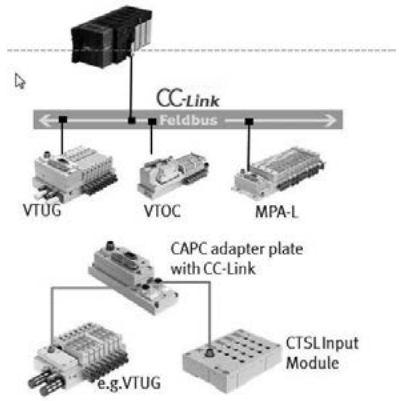
Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	W=46.1, L=77, H=39.5
Mass	
Standard Price	お問い合わせください

Contact

CKD CORPORATION
TEL : +81-(0)568-74-1338
<URL> http://www.ckd.co.jp/
<E-mail> ckdservice@ckd.sh.ch

CTEU-CC

CTEU-CC Fieldbus is usuable with the valve Terminals VTUG, VTOC and MPA-L directly also with the CAPC Adapter. The CAPC Adapter plate allows to connect two valve Terminals or a valve Terminal and an IO module connected with M12- 5pin cables.



Features

● Mapping in the bit area:
1 Station: max 16 bits
2 Station: max. 48 bits
3 Station: max. 80 bits
4 Station: max. 112 bits

Mapping in the word area:
1 Station: max. 8 byte
2 Station: max. 16 Byte

The diagnostics function can be activated or deactivated by setting bit 0 of the first output byte in the unused range.

Station type	Remote Device Station
Number of stations occupied	4 station selectable
CC-Link version	1.1
External dimensions	40 mm x 91 mm x 50 mm
Mass	90gr
Standard Price	Price on request

Contact

현지법인한국훼스토㈜
서울특별시 금천구 가산디지털1로 204
TEL : 02-850-7367

Version 2.0 Fieldbus for the CPX System - FB23-24

The CPX fieldbus node CPX-FB23 which is conformed to CC-Link version 1.1 and , is upgraded to CC-Link version 2.0. The order code is FB24. Both of them FB23 and FB24 are useable on the same fieldbus module and is selectable via Dil Switches
CPX is usuable with the valveterminals MPA, MPA-L, VTUG and VTSA

Features

●Version 1.1 and Version 2.0 on board selectable via Dil Switches
Station and cycletime optimized Version 2.0 enables 512 inputs and 512 Outputs
System diagnostics
Hold/clear function

Station type	Remote Device Station
Number of stations occupied	4 station selectable - 8 cycle selectable
CC-Link version	Version 1.1 and Version 2.0
External dimensions	50 mm x 107 mm x 50 mm (Interlinking block included)
Mass	
Standard Price	Price on request

Contact

현지법인한국훼스토㈜
서울특별시 금천구 가산디지털1로 204
TEL : 02-850-7367

EX12*-SMJ1 Serial Interface (SI) Unit

Valve manifolds can be connected directly to the CC-Link.

Features

●Drastically improved space efficiency
Conventional parallel wiring systems required a large space for several hundred wires, whereas this unit occupies a very narrow space because it does not use many wires and a compact SI manifold solenoid valve is employed.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	
Mass	110 g
Standard Price	お問い合わせください

Contact

SMC(China)Co.,Ltd.
A2, XingSheng Street, BDA, Beijing, 100176 P.R. China
TEL : +86-(010) 67885566 FAX : +86(010) 67881837
<URL> http://www.smcworld.com/index.html
<URL> http://www.smc.com.cn/
<E-mail> smcsale@smc.com.cn

EX140-SMJ1 Serial Interface (SI) Unit

Valve manifolds can be connected directly to the CC-Link.

Features

●Drastically improved space efficiency
Conventional parallel wiring systems required a large space for several hundred wires, whereas this unit occupies a very narrow space because it does not use many wires and a compact SI manifold solenoid valve is employed.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	
Mass	80 g
Standard Price	お問い合わせください

Contact

SMC(China)Co.,Ltd.
A2, XingSheng Street, BDA, Beijing, 100176 P.R. China
TEL : +86-(010) 67885566 FAX : +86(010) 67881837
<URL> http://www.smcworld.com/index.html
<URL> http://www.smc.com.cn/
<E-mail> smcsale@smc.com.cn

EX180-SMJ1* Serial Interface (SI) Unit

Compact, space-saving, and power-saving SJ200/3000 Series solenoid valves can be connected to CC-Link with up to 32 output points.

Features

- Uses a connector format (card-edge type) for valve interconnections, enabling flexible accommodation of changes in the number of stations.
- Permits a manifold equipped with both SJ2000 (7.5mm width, 0.08 Cv value) and SJ3000 (10mm width, 0.12 Cv value) type valves.
- Equipped with a manual lock switch to prevent manual operation errors.
- Accommodates one-touch joints for super-narrow f2 tubes.
- Connectors are used for wiring, with separate power supplies for valve and communication systems.
- A T-branch connector can be selected as the communication connector.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	
Mass	110 g or less
Standard Price	お問い合わせください

Contact

SMC(China)Co.,Ltd.
A2, XingSheng Street, BDA, Beijing, 100176 P.R. China
TEL : +86-(010) 67885566 FAX : +86(010) 67881837
<URL> http://www.smcworld.com/index.html
<URL> http://www.smc.com.cn/
<E-mail> smcsale@smc.com.cn

EX250-SMJ2 Serial Interface (SI) Unit

Valve manifolds, input blocks, and serial units are integrated into a single location for space saving.

Features

- Maximum number of input/output points: 32 input points/32 output points Connection by connectors makes it easy add manifold valves and input blocks.

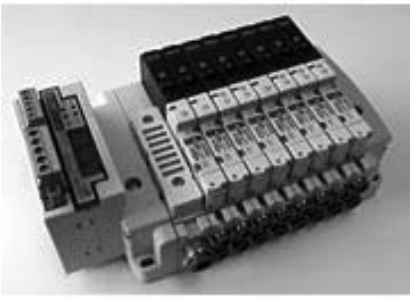
Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	
External dimensions	
Mass	250 g
Standard Price	お問い合わせください

Contact

SMC(China)Co.,Ltd.
A2, XingSheng Street, BDA, Beijing, 100176 P.R. China
TEL : +86-(010) 67885566 FAX : +86(010) 67881837
<URL> http://www.smcworld.com/index.html
<URL> http://www.smc.com.cn/
<E-mail> smcsale@smc.com.cn

SU1A-C, Serial interface unit for solenoid valve

Solenoid valve manifold being directly connected to CC-Link



Features

- Compact design
- Easy installation
- Number of output : Max. 16 point
- IP40 Compatible
- Eight type valves can be connected to a single valve manifold.

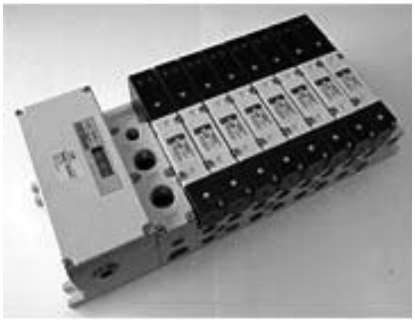
Station type	Remote I/O
Number of stations occupied	1 Station
CC-Link version	Ver. 1.10
External dimensions	34(W)×74(L) ×65(H) mm
Mass	0.11kg
Standard Price	

Contact

TPC Mechatronics Co., Ltd.
TEL : +82-2-1588-5982
<URL> http://www.tpcpage.com/

SU1B-C, Serial interface unit for solenoid valve

Solenoid valve manifold being directly connected to CC-Link



Features

- Compact design
- Easy installation
- Number of output : Max. 16 point
- IP65 Compatible
- Five type valves can be connected to a single valve manifold.

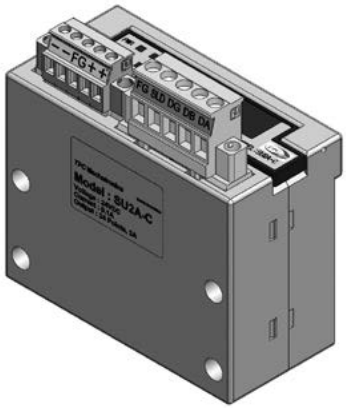
Station type	Remote I/O
Number of stations occupied	1 Station
CC-Link version	Ver. 1.10
External dimensions	85(W)×155(L)×90.5(H) mm
Mass	0.11kg
Standard Price	

Contact

TPC Mechatronics Co., Ltd.
TEL : +82-2-1588-5982
<URL> http://www.tpcpage.com/

Solenoid Valve SU2A-C

Solenoid valve manifold being directly connected to CC-Link



Features

- Compact design
- Easy installation
- Nunmer of output : Max. 24 point
- IP65 Compatible
- Eight type valves can be connected to a single valve manifold

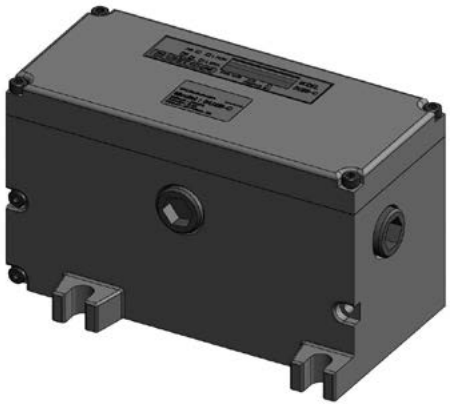
Station type	Remote I/O
Number of stations occupied	1
CC-Link version	Ver.1.10
External dimensions	34(W)x74(L)x65(H)
Mass	0.2kg
Standard Price	

Contact

제조사㈜TPC메카트로닉스
인천광역시 서구 가좌동 524-2
TEL : 1588-5982
<URL> http://www.tpcpage.com

Solenoid Valve SU2B-C

Solenoid valve manifold being directly connected to CC-Link



Features

- Compact design
- Easy installation
- Nunmer of output : Max. 28 point
- IP65 Compatible
- Five type valves can be connected to a single valve manifold

Station type	
Number of stations occupied	1
CC-Link version	Ver.1.0
External dimensions	85(W) x 155(L) x 91(H)
Mass	1.2
Standard Price	

Contact

제조사㈜TPC메카트로닉스
인천광역시 서구 가좌동 524-2
TEL : 1588-5982
<URL> http://www.tpcpage.co.kr

Solenoid Valve F Series

This valve is more sophisticated as a result of a wish to simplify ease of use.

Features

●The valve is available for single and double solenoids./ The valve adopts joints of different diameters for single and double solenoids./ The flow rate has been increased by two to 3.3 times although the valve width remains unchanged./ A valve exclusively for single solenoids is also available./ The valve comes with a wide variety of wires available.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

Koganei Corporation
3-11-28, Midori-cho, Koganei-shi, Tokyo 184-8533 JAPAN
TEL : 042-383-7271
<URL> http://www.koganei.co.jp
<E-mail> support@koganei-chn.com

Solenoid Valve JA Series

Although this is a tandem three-port valve, it requires less space.

Features

●Having realized downsizing and low power consumption and added a tandem three-port valve, this is a new-age solenoid valve representing high added value.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

Koganei Corporation
3-11-28, Midori-cho, Koganei-shi, Tokyo 184-8533 JAPAN
TEL : 042-383-7271
<URL> http://www.koganei.co.jp
<E-mail> support@koganei-chn.com

Solenoid Valve PB Series

This valve has achieved ease of use, energy saving, and environmental friendliness equivalent to medium-sized valves, as well as space saving and large flow.

Features

●As a valve/manifold integrated type, the valve combines the ease of use and high performance of next-generation valves.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

Koganei Corporation
3-11-28, Midori-cho, Koganei-shi, Tokyo 184-8533 JAPAN
TEL : 042-383-7271
<URL> http://www.koganei.co.jp
<E-mail> support@koganei-chn.com

ANYWIRE CORPORATION | CC-Link | Gateway

AG42-C1 AnyWire-DB Gateway Compatible with CC-Link

The AnyWire wire-saving system complements open network CC-Link systems with flexibility.

Features

- The AnyWire wire-saving system complements a system that uses CC-Link. You can save wires for the I/O component at the sensor or actuator level equivalent to a sub-network in the control system. The system is flexibly expanded.
- The full quadruple dual-bus system, the basic structure of the AnyWire-DB series, can perform two different types of data transmission, bit ON/OFF control on the bit-bus and analog/parameter data transmission on the word-bus, using a single transmission line.
- By introducing the AnyWire wire-saving system, you can save wires, man-hours, and space. Free branching is available, including T-branch, multi-drops, and trees. Insulation displacement connectors enable simple and easy connections that leave no rubbish during wiring. You can flexibly use general-purpose electric wires for wiring. All these and others achieve excellent workability and maintenance performance.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	57(W)×54.5(H)×140(D) mm
Mass	
Standard Price	

Contact

Headquarters, West Japan Office
1 Babazusho, Nagaokakyo-city, Kyoto 617-8550
<E-mail> info_e@anywire.jp

ANYWIRE CORPORATION | CC-Link | Gateway

AG42-C2 AnyWire DB Gateway Compatible with CC-Link Ver. 2.00

A new model compatible with CC-Link Ver. 2.00 is added to the CC-Link-AnyWire DB gateway.

Features

- A new model is added to the AnyWire DB gateway to be compatible with CC-Link Ver. 2.00 (fixed to the 4 times speed). At the maximum, 2560 I/Os can be connected, enhancing extendibility.
- The full quadruple dual-bus system, the basic structure of the AnyWire-DB series, can perform two different types of data transmission, bit ON/OFF control on the bit-bus and analog/parameter data transmission on the word-bus, using a single transmission line.
- By introducing the AnyWire wire-saving system, you can save wires, man-hours, and space. Free branching is available, including T-branch, multi-drops, and trees. Insulation displacement connectors enable simple and easy connections that leave no rubbish during wiring. You can flexibly use general-purpose electric wires for wiring. All these and others achieve excellent workability and maintenance performance.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10/Ver. 2.00
External dimensions	57(W)×54.5(H)×140(D) mm
Mass	
Standard Price	

Contact

Headquarters, West Japan Office
1 Babazusho, Nagaokakyo-city, Kyoto 617-8550
<E-mail> info_e@anywire.jp

AC&T system CO.,LTD | CC-Link | Gateway

Industrial Communication Server ETOS-CCS-X Series

Easy Industrial Networks Organizing, RS232/RS422/RS485/Ethernet/CC-Link networks

Features

- ●32Bit RISC CPU
- ●H/W Design with Industrial environment
- ●CC-Link(RemoteDevice) V2.0
- ●CC-Link 1 port, RS232C/RS422/RS485 2 port or Ethernet 1 port
- ●support with Glofa/XGT Modbus ASCII/RTU, ModbusTCP, Melsce Master,

Station type	Remote Device Node
Number of stations occupied	1 Station ~ 4 Station
CC-Link version	Ver.2.0
External dimensions	41.0*117.0*98.0mm (W*H*D)
Mass	
Standard Price	

Contact

A606 ~ 7, Acrotower, 1591 Gwanyang-dong, Dongan-gu, Anyang-Si, Gyeonggi-do 431-060 S.Korea
TEL : +82-31-386-7795 (Ext.100)
제조사에이씨앤티시스템
경기도 안양시 동안구 시민대로248번길 25(평촌 아크로타워)A동 607호
TEL : 031-386-7795
<URL> http://www.acnt.co.kr
<URL> http://acnt.co.kr/product/product_view.php?idx_no=19&p=1

IDEC CORPORATION (Formerly Izumi Denki Co., Ltd.) | CC-Link | Gateway

SX5A-GM1N AS-Interface/CC-Link Gateway

This gateway converts the AS-Interface protocol with the CC-Link.
It can function as a slave station for the CC-Link or as the master station for an AS-Interface.

Features

- ●The gateway is compatible with AS-Interface Ver. 2.1.
- ●The gateway is of an IP65 protective structure.
- ●AS-Interfaces can be connected to the CC-Link.
- ●Power is supplied from an AS-Interface.
- ●LEDs and a two-digit display contribute to error diagnosis.
- ●All AS-Interfaces can be operated via the CC-Link.

Station type	Remote device station
Number of stations occupied	3 stations
CC-Link version	Ver. 1.0
External dimensions	
Mass	
Standard Price	

Contact

IDEC (SHANGHAI) CORPORATION
TEL : +86-21-5353-1000
<E-mail> idec@cn.idec.com

METIS CO., LTD.

CC-Link | Gateway

MT99DK2-GATEWAY

CC-Link to Serial GATEWAY (RS232,USB inferface)

Features

- Input Voltage : DC 24V
- Serial interface convert to CC-Link or CC-Link convert to serial interface RS232 and mini USB port supported
- CC-Link - Serial(RS232/USB) Data Communication

Station type	Remote Device
Number of stations occupied	1 station occupied
CC-Link version	Ver. 1.10
External dimensions	150 x 85 x 30
Mass	0.5 Kg
Standard Price	

Contact

METIS. CO. Ltd
TEL : +82 041-622-8081
제조사㈜메티스
충청남도 천안시 동남구 목천읍 응원1길 69-83
TEL : 041-520-8256 FAX : 041-622-8087
<URL> http://www.imetis.co.kr

OMRON Corporation

CC-Link | Gateway

GQ-CRM21 CompoNet Gateway Unit for CC-Link

"Easy" and "Flexible" system expansion with linked CC-Link and CompoNet

Features

- Branching is easily made with CompoNet. Wiring material cost can be reduced.
- Bit-level I/O distribution reduces wiring in the system.
- A wide variety of CompoNet Slave Units contribute to system size reduction.
- Seven-segment Display on the Gateway Unit helps to detect errors on site.
- The Participation Flags and Communications Error Flags can be checked at the Host Controller to detect the location and content of the error.

Station type	Remote Device Station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10/Ver.2.00
External dimensions	95(W)×50(H)×37.9(D)
Mass	0.11kg
Standard Price	60,000円

Contact

OMRON INDUSTRIAL AUTOMATION (CHINA) CO., LTD
TEL : +86-21-50372222
<URL> http://www.fa.omron.co.jp/

Bihl+Wiedemann GmbH | CC-Link | Gateway

AS-i CC-Link Gateway in Stainless Steel (BWU2611)

A Gateway between CC-Link and AS-Interface. Suitable for all aplications with AS-Interface including Safety at work. According to the specification 3.0. Includes enhanced diagnostic features above the standard, like duplicate address recognition.

Features

- AS-i Master according specification 3.0
- Enhanced AS-i Diagnostic features
- Suitable for AS-i Safety at Work
- CC-Link remote device station
- Complete diagnosis and configuration over CC-Link
- CC-Link Baudrate 156KBps up to 10MBps

Station type	Remote device station
Number of stations occupied	2-4 (depending on operating mode)
CC-Link version	Ver. 2.0 or. Ver. 1.1 (depending on operating mode)
External dimensions	85 x 120 x 83 mm
Mass	0,520 Kg
Standard Price	

Contact

Bihl+Wiedemann Automation (Taicang) Co., Ltd.,
Room 1401,Development Mansion,No.309 Zhenghe Middle Road,Taicang, Jiangsu Prov., P.R.China 215400,
TEL : (+86) 512 / 5320 6660 FAX : (+86) 512 / 5320 6662
<URL> www.bihl-wiedemann.cn
<URL> http://www.bihl-wiedemann.com
<URL> http://www.bihl-wiedemann.de/en/products/as-interface-mastergateways/gateways/product-selector-gateways/s/bwu2611.html
<E-mail> china@bihl-wiedemann.cn
<E-mail> mail@bihl-wiedemann.com

Bihl+Wiedemann GmbH | CC-Link | Gateway

AS-i 3.0 CC-Link Gateway with integrated Safety Monitor (BWU2833)

A Gateway between CC-Link and AS-Interface. Suitable for all aplications with AS-Interface including Safety at Work. According to the specification 3.0. Includes enhanced diagnostic features above the standard, like duplicate address recognition. Offers up to 31 release circuits and safe coupling Safe Link over Ethernet. Supports applications up to SIL3/Cat4/PLe.

Features

- AS-i Master according specification 3.0
- Enhanced AS-i Diagnostic features
- Suitable for AS-i Safety at Work
- CC-Link remote device station
- Complete diagnosis and configuration over CC-Link
- CC-Link Baudrate 156KBps up to 10MBps
- Up to 31 release circuits: up to 6 CAT4, SIL3 safe output circuits on the monitor, fast electronic safe outputs
- Applications up to SIL3/Cat4/PLe
- Safe coupling Safe Link over Ethernet

Station type	Remote device station
Number of stations occupied	2-4 (depending on operating mode)
CC-Link version	Ver. 2.0 or Ver. 1.1 (depending on operating mode)
External dimensions	109 x 120 x 106 mm
Mass	0.8 kg
Standard Price	0.8 kg

Contact

Bihl+Wiedemann Automation (Taicang) Co., Ltd.,
Room 1401,Development Mansion,No.309 Zhenghe Middle Road,Taicang, Jiangsu Prov., P.R.China 215400
TEL : (+86) 512 / 5320 6660 FAX : (+86) 512 / 5320 6662
<URL> www.bihl-wiedemann.cn
<URL> http://www.bihl-wiedemann.com
<URL> http://www.bihl-wiedemann.de/en/products/safety-components/safety-monitor/product-selector-safety-monitor/s/bwu2833.html
<E-mail> china@bihl-wiedemann.cn
<E-mail> mail@bihl-wiedemann.com

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

AB7661 - Anybus X-gateway CC-Link to Profinet

Anybus X-gateway connects a CC-Link with a Profinet network. The X-gateway functions as a slave on the CC-Link network and as a IO device on the Profinet network

Features

- Stand-alone gateway that inter-connects a CC-Link network to a Profinet network
- Transmits I/O data between the two industrial networks (max 896 I/O-points and 128 words)
- Acts as a CC-Link slave on the CC-Link network and provides Profinet IO device functionality on the Profinet network
- DIN-rail mountable, rugged industrial design and certifications
- Easy setup, no programming required
- Configuration: CC-Link via CSP file, Profinet via GSD file (Both files provided by HMS)

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=313&ProdType=Anybus X-gateway
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

AB7680 - Anybus X-gateway CC-Link Slave to EtherNet/IP Master/Scanner

Anybus X-gateway connects a CC-Link with an EtherNet/IP network. The X-gateway functions as a slave on the CC-Link network and as a Master/Scanner on the EtherNet/IP network

Features

- Stand-alone gateway that inter-connects a CC-Link network to a EtherNet/IP network
- Transmits I/O data between the two industrial networks (max 896 I/O-points and 128 words)
- Acts as a CC-Link slave on the CC-Link network and provides EtherNet/IP Master/Scanner functionality on the EtherNet/IP network
- DIN-rail mountable, rugged industrial design with industry certifications
- EtherNet/IP slave/adapter configuration via an on-board web configuration page. No programming required
- EtherNet/IP slave/adapter version also available (AB7841)

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=382&ProdType=Anybus X-gateway
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

AB7694 - Anybus X-gateway CC-Link to EtherCAT

Anybus X-gateway connects a CC-Link with a EtherCAT network. The X-gateway functions as a slave on the CC-Link network and as a slave on the EtherCAT network

Features

- Stand-alone gateway that inter-connects a CC-Link network to a EtherCAT network
- Transmits I/O data between the two industrial networks (max 896 I/O-points and 128 words)
- Acts as a CC-Link slave on the CC-Link network and provides EtherCAT slave functionality on the EtherCAT network
- DIN-rail mountable, rugged industrial design and certifications
- Easy setup, no programming required
- Configuration: CC-Link via CSP file, EtherCAT via a EtherCAT Master and XML file. (Both files provided by HMS)

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=400&ProdType=Anybus X-gateway
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

AB7810 - Anybus X-gateway CC-Link Slave to Profibus Master

Anybus X-gateway connects a CC-Link with a Profibus network. The X-gateway functions as a slave on the CC-Link network and as a DPV1 Master on the Profibus network

Features

- Stand-alone gateway that inter-connects a CC-Link network to a Profibus network
- Transmits I/O data between the two industrial networks (max 896 I/O-points and 128 words)
- Acts as a CC-Link slave on the CC-Link network and provides Profibus DPV1 Master functionality on the Profibus network
- DIN-rail mountable, rugged industrial design and certifications
- Profibus slave configuration via the included NetTool Profibus software. No programming required
- Profibus slave version also available (AB7852)

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=142&ProdType=Anybus X-gateway
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

AB7819 - Anybus X-gateway CC-Link Slave to DeviceNet Master/Scanner

Anybus X-gateway connects a CC-Link with a DeviceNet network. The X-gateway functions as a slave on the CC-Link network and as a Master/Scanner on the DeviceNet network

Features

- Stand-alone gateway that inter-connects a CC-Link network to a DeviceNet network
- Transmits I/O data between the two industrial networks (max 896 I/O-points and 128 words)
- Acts as a CC-Link slave on the CC-Link network and provides DeviceNet Master/Scanner functionality on the DeviceNet network
- DIN-rail mountable, rugged industrial design and certifications
- DeviceNet slave/adapter configuration via the included NetTool DeviceNet software. No programming required
- DeviceNet slave/adapter version also available (AB7862)

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=152&ProdType=Anybus X-gateway
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

AB9009 - Anybus X-gateway CC-Link to Modbus TCP Master

Anybus X-gateway connects a CC-Link with a Modbus TCP network. The X-gateway functions as a slave on the CC-Link network and as a Master/Client on the Modbus TCP network

Features

- Stand-alone gateway that inter-connects a CC-Link network to a Modbus TCP network
- Transmits 512 bytes of I/O data between the two industrial networks (max 128 I/O-points and 16 words on CC-Link)
- Acts as a CC-Link slave on the CC-Link network and provides Modbus TCP Master/Client functionality on the Modbus TCP network
- DIN-rail mountable, New rugged industrial design and certifications
- Integrated 2-port switch on Modbus TCP allows for "daisy chaining"
- Configuration: CC-Link via CSP file, Modbus TCP configuration via an included web browser

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	110 x 35 x 101 [mm]
Mass	0.15 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=489&ProdType=Anybus X-gateway
<E-mail> jp-sales@hms-networks.com

Anybus Communicator Serial to CC-Link Gateway

Enables devices with a serial RS-232/422/485 interface to connect to CC-Link.

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

HMS Industrial Networks K. K.
TEL : 045-478-5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=366&ProductType=Anybus%20Communicator
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

Anybus Communicator Serial to CC-Link Gateway

Enables devices with a serial RS-232/422/485 interface to connect to CC-Link.

Features

- ●Serial RS-232/422/485 to CC-Link
- ●Connects up to 31 devices via RS-485
- ●Serial protocol modes: Master and Generic data modes
- ●Built-in macro for Modbus RTU Master
- ●Total 128 I/O points (bit) and 128 words on CC-Link
- ●Easy to configure via own Config Tool　No programming required

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver. 1 & 2
External dimensions	120 × 75 × 27 mm (L × W × H)
Mass	135 g
Standard Price	お問い合わせください

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=366&ProductType=Anybus%20Communicator
<URL> http://www.anybus.de/products/abc_cc-link.shtml
<E-mail> zjy@hms.se
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

Anybus X-gateway - CC-Link Slave to DeviceNet / ControlNet

Simply exchanges I/O data between a CC-Link network and a CIP network DeviceNet or ControlNet. Enables connectivity between CC-Link and other PLC system vendors.

Features

- Exchanges I/O data between CC-Link slave and a DeviceNet Scanner (AB7819) or Adapter (AB7862)
- Exchanges I/O data between CC-Link slave and a ControlNet Adapter (AB7871)
- Rugged industrial design: CE, UL, ATEX, Haz.Loc & RoHS conformance
- Easy to setup - No programming required

Station type	
Number of stations occupied	1 to 4
CC-Link version	Ver. 1 & 2
External dimensions	126 × 110 × 42 mm (L × W × H)
Mass	460 g
Standard Price	

Contact

HMS Industrial Networks AB China
TEL : +86-10-85323185
<E-mail> zjy@hms.se

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

Anybus X-gateway - CC-Link Slave to Ethernet

Simply exchanges I/O data between a CC-Link network and any Ethernet protocol (EtherNet/IP, Modbus-TCP, Profinet, EtherCAT)

Features

- Exchanges I/O data between CC-Link slave and a EtherNet/IP Scanner (AB7680) or Adapter (AB7841)
- Exchanges I/O data between CC-Link slave and a Modbus-TCP device (AB7643)
- Exchanges I/O data between CC-Link slave and a Profinet device (AB7661)
- Exchanges I/O data between CC-Link slave and a EtherCAT slave (AB7694)
- Rugged industrial design: CE, UL, ATEX, Haz.Loc & RoHS conformance
- Easy to setup - No programming required

Station type	
Number of stations occupied	1 to 4
CC-Link version	Ver. 1 & 2
External dimensions	126 × 110 × 42 mm (L × W × H)
Mass	460 g
Standard Price	

Contact

HMS Industrial Networks AB China
TEL : +86-10-85323185
<E-mail> zjy@hms.se

HMS INDUSTRIAL NETWORKS | CC-Link | Gateway

Anybus X-gateway - CC-Link Slave to Profibus / Profinet

Simply exchanges I/O data between a CC-Link network and Profibus/Profinet protocol.

Features

- Exchanges I/O data between CC-Link slave and a Profibus DPV1 Master (AB7810) or Slave (AB7852)
- Exchanges I/O data between CC-Link slave and a Profinet device (AB7661)
- Rugged industrial design: CE, UL, ATEX, Haz.Loc & RoHS conformance
- Easy to setup - No programming required.

Station type	
Number of stations occupied	1 to 4
CC-Link version	Ver. 1 & 2
External dimensions	126 × 110 × 42 mm (L × W × H)
Mass	460 g
Standard Price	

Contact

HMS Industrial Networks AB China
TEL : +86-10-85323185
<E-mail> zjy@hms.se

KURODA Pneumatics Ltd. | CC-Link | Gateway

AG22-C1 CC-Link UNI-WIRE HX Gateway

Gateway designed to connect UNI-WIRE HX system to CC-Link Network

Features

- This gateway can connect the UNI-WIRE HX which has proposed unique wire saving system which uses open network CC-Link as a sensor bus. A special program is unnecessary in order to operate a gateway. Address translation is only carried out inside. A controller is seamlessly connectable with a sensor.
- As for the UNI-WIRE HX used as a sensor bus, wiring can use the wiring method of various sorts, such as a T junction and multidrop. Requires no particular types of transmission cables for data communication. General purpose electric cables or signal transmission cables will work.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	140(W)×58(H)×57(D) mm
Mass	180 g
Standard Price	67,200円

Contact

Kuroda Pneumatics Ltd,.
TEL : +81-45-870-1510
<URL> http://www.kuroda-precision.co.jp/kpl/
<URL> http://www.kuroda-precision.co.jp/kpl/japan/product/network_kiki.html
<E-mail> sales@kpl.parker.com

ORIENTAL MOTOR CO., LTD | CC-Link | Gateway

Network converter

converter from the CC-Link communication protocol to our company RS-485 communication protocol.

Features

●converter from the CC-Link communication protocol to our company RS-485 communication protocol.
The product for our company RS-485 can be controlled under the CC-Link communication environment with a network converter.

Station type	Remote device station
Number of stations occupied	4stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

현지법인 인아오리엔탈모터(주)
인천 남동구 앵고개로 490번길 119 남동공단 144B-9L
TEL : 032-819-8721
<URL> http://www.orientalmotor.co.jp/

ORIENTAL MOTOR CO., LTD | CC-Link | Gateway

Network Converter CC-Link Ver.2 Compatible NETC02-CC

The NETC02-CC is a device that converts from the CC-Link communication protocol to Oriental Motor's own RS-485 communication protocol. Compatible with CC-Link Ver. 2.

Features

●The NETC02-CC converts from the CC-Link communication protocol to Oriental Motor's own RS-485 communication protocol.
Oriental Motor RS-485 communication compatible products can be operated via CC-Link communication.
The product can simplify ladder programs and shorten the communication time.

Station type	Remote device station
Number of stations occupied	4stations
CC-Link version	Ver.2
External dimensions	[mm]35×100×70
Mass	[kg]0.12
Standard Price	

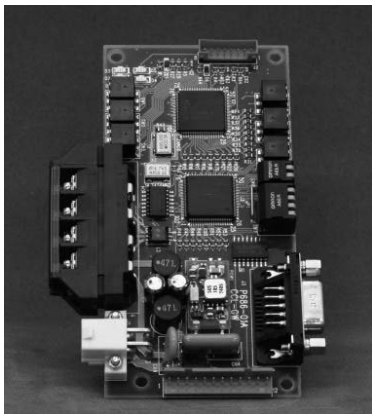
Contact

현지법인 인아오리엔탈모터(주)
인천 남동구 앵고개로 490번길 119 남동공단 144B-9L
TEL : 032-819-8721

YOSIO ELECTRONIC COMPANY | CC-Link | Gateway

CCL-GW CC-Link<->Serial Gateway Module

CC-Link<-> RS-232C/TTL to connect communication gateway module



Features

- ●serial communication having-within unit on the side of the user to communicate with CC-Link.
- ●Because it is implemented, being average, TTL/RS-232C can be connected with the microcomputer, USB, RS and so on -422/485.
  Note 1) The RS-422/485 option board.
- ●USB, RS-422/485, EtherNet and the communication are possible in marketing level change unit / cable use of it.
- ●t is possible to 5 V supply from outside.
- ●1 to 4 station select.
- ●The outside power supply input part and the inner circuit are isoration.
- ●Customize compatible of the firmware (Not free)
- ●The internal processing time is only 2 ms.
- ●The I/O port
  It is selectable every 8 port TTL level input output bit.
- ●DC24V±10% (I=50mA max)
- ●The I/F connector
  RS-232 connector D-sub9S (female)x1
  TTL,I/O connector IL-G-12P×1

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver.1.1
External dimensions	116(W)×18(H)×56(D) mm
Mass	85g
Standard Price	

Contact

YOSIO Electronic Company
TEL : 042-471-2587
<E-mail> info@yosio.co.jp

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Gateway

CC-Link-Anywire ASLINK Bridge Module NZ2AW1C2AL

This is the bridge module used for the connection between Anywire ASLINK and CC-Link.

Features

- ●CC-LinkとAnyWireASLINKを，シームレスに接続
- ●CC-Link伝送速度自動追従
- ●終端抵抗内蔵による工数削減
- ●iQ Sensor Solution対応機能

Station type	Remote device station
Number of stations occupied	1 to 4 stations/4 stations
CC-Link version	Ver.1.10/Ver.2.00
External dimensions	96(H)×43(W)×102(D)[mm]
Mass	0.2kg
Standard Price	43,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Gateway

CC-Link-AnyWire Bitty Bridge Module NZ2AW1C1BY

This is the bridge module used for the connection between AnyWire Bitty having the DC transmission line system and CC-Link.

Features

●Disconnections can be detected even when the wiring is branched.

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10
External dimensions	100(H)×40(W)×66(D)[mm]
Mass	0.16kg
Standard Price	43,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Gateway

CC-Link-AnyWire DB A20 Bridge Module NZ2AW1C2D2

This is a bridge module used for the connection between AnyWire DB A20 having the full-duplex transmission mode and CC-Link Ver 2.00.

Features

●Disconnections can be detected even when the wiring is branched.

●CC-Link Ver 2.00 compatible master stations can be used.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.2.00
External dimensions	57(H)×140(W)×44(D)[mm]
Mass	0.18kg
Standard Price	54,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

NKE CORPORATION | CC-Link | Gateway

SDD-CC1A UNILINE Gateway

No need to concern with noise. Uniline reduces wiring. UNILINE eliminates most wiring!

Features

●Having an excellently noise-resistant feature, a wiring device Uniline reduces the number of wires. It requires no dedicated cables while less restricting the wiring method. Providing more freedom to the wiring layout while allowing T branching and multi-drop for example, it can extend the transmission distance up to 1 km. Use of a gateway enables to mobilize a variety of input/output modules of Uniline for a system featuring the CC-Link, facilitating to construct a flexible, easy-to-use I/O network.

●We added the MODE switch which can choose the input and output points.
You can set up input-and-output mark per 32 points.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	40(W)×110(H)×94(D)mm
Mass	210g
Standard Price	52,800円

Contact

366-1, Hishikawa-cho, Hazukashi, Fushimi-ku, Kyoto
<URL> http://www.nke.co.jp/
<URL> http://www.nke.co.jp/product/catalog/uniwire/1_6.html
<E-mail> promotion@nke.co.jp

NKE CORPORATION | CC-Link | Gateway

UNG-CC1A UNILINE Gateway

No need to concern with noise. Uniline Gateway handles 512 points.

Features

●A gateway for the series UN products. Capable of handling 512 points. Without compromising the ease of use, the noise resistance characteristics are further improved compared with our predecessor series.

●We added the MODE switch which can choose transmission distance. It can choose from 200m, 500m, and 1 km.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	40 (W) × 110 (H) × 94 (D) mm
Mass	210 g
Standard Price	52,800円

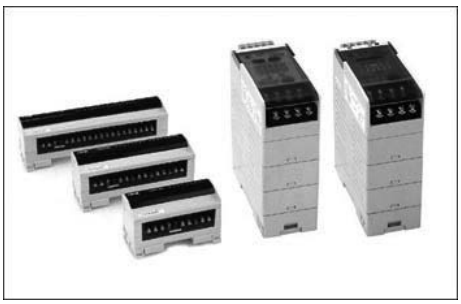
Contact

366-1, Hishikawa-cho, Hazukashi, Fushimi-ku, Kyoto
<URL> http://www.nke.co.jp/
<URL> http://www.nke.co.jp/product/catalog/uniwire/1_6.html
<E-mail> promotion@nke.co.jp

NKE CORPORATION | CC-Link | Gateway

VX-GWCC1

Features



Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

NKECorporation
TEL : 075-931-2731
<E-mail> promotion@nke.co.jp

M-System Co., Ltd. | CC-Link | Gateway

CC-Link/HLS Gateway Module R7G

The R7G hands over 32-point inputs of CC-Link to
32-point outputs of HLS (High-speed Link System) or 32-point inputs of HLS to 32-point outputs of CC-Link.

Features

- Compact module
- Slave station to both CC-Link and HLS

Station type	Remote I/O station
Number of stations occupied	2 stations
CC-Link version	Ver.1.10
External dimensions	W115×H50×D54 mm
Mass	Approx. 150 g
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

Panasonic Industrial Devices SUNX Co., Ltd. | CC-Link | Gateway

SL-GU1-C S-LINK Gateway Controller Compatible with CC-Link

SUNX has developed an S-LINK gateway controller compatible with the CC-Link that is in widespread use all over the world.
It can further reduce wiring connected to the CC-Link.

Features

- By linking the CC-Link for long-distance transmission and S-LINK for multiple-point transmission, a network realizing both long-distance transmission and multiple-point transmission can be constructed.
- Wiring distributed bit-basis I/O units, such as sensors and switches (which are the majority of connecting units) with S-LINK ensures effective wire saving. S-LINK crimping connectors offer excellent workability.

Station type	Remote device station
Number of stations occupied	2 to 4 stations
CC-Link version	Ver.1.00
External dimensions	35 (W) × 170 (H) × 72 (D)
Mass	Approx. 210 g
Standard Price	SL-GU1-C 60,000円(税別)

Contact

Panasonic Industrial Devices SUNX Co.,Ltd.
2431-1, Ushiyama-cho, Kasugai, Aichi 486-0901, Japan
Techinical Service : Toll Free 0120-394-205
Techinical Service : Toll Free 0120-336-394 (FAX)
<URL> http://www2.panasonic.co.jp/id/pidsx/j/company/index.html

Panasonic Industrial Devices SUNX Co., Ltd. | CC-Link | Gateway

SL-VGU1-C S-LINK V Gateway Controller Compatible with CC-Link

SUNX has developed an S-LINK V gateway controller compatible with the CC-Link that is in widespread use all over the world.
It can further reduce wiring connected to the CC-Link.

Features

- By linking the CC-Link for long-distance transmission and S-LINK V for multiple-point transmission, a network realizing both long-distance transmission and multiple-point transmission can be constructed.
- Wiring distributed bit-basis I/O units, such as sensors and switches (which are the majority of connecting units) with S-LINK V ensures effective wire saving. S-LINK crimping connectors offer excellent workability.
- By connecting many bit-basis units to S-LINK V with a smaller number of occupied stations, the stations connected to the CC-Link can be effectively utilized. Saved stations can be used for intelligent devices to construct a more advanced system.

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10
External dimensions	48 (W) × 100 (H) × 66 (D)
Mass	Approx. 200 g
Standard Price	SL-VGU1-C 98,000円(税別)

Contact

Panasonic Industrial Devices SUNX Co.,Ltd.
2431-1, Ushiyama-cho, Kasugai, Aichi 486-0901, Japan
Techinical Service : Toll Free 0120-394-205
Techinical Service : Toll Free 0120-336-394 (FAX)
<URL> http://www2.panasonic.co.jp/id/pidsx/j/company/index.html

Pepperl + Fuchs GmbH | CC-Link | Gateway

VBG-CCL-K20-D-BV

AS-i/CC-Link gateway

Features

●Network working status could be clearly displayed via LED display.
4 button operation enables clear graphic display.
Bus parameter on the gateway can be set easily by the button.
AS-i network can be set and diagnosed via the button
The AS-i gateway supports AS-i V 3.0 protocol specification, can connect up to 62 slave modules, and 248 input /248 output signals.
By connecting to Pepperl + Fuchs' safety monitor (VAS-2A8L-KE4-8SE), a safety network can be set up.
VAS-2A8L-KE4-8SE can be directly connected with the safety IO, without additional other module needed.
The mobile terminal with spring clamp is differentiated by color, easy to identify.
Back buckle can be used for DIN rail mounting.
Stainless housing.
Protection degree IP20.

Station type	Remote Station
Number of stations occupied	4 station (Ver. 1.10), 3 station (Ver. 2.0)
CC-Link version	Ver 1.10, Ver. 2.0
External dimensions	85 × 83 × 120 mm
Mass	0.52 kg
Standard Price	

Contact

Pepperl+Fuchs GmbH
68307 Mannheim, Germany
TEL : +49 621 776 - 0
FAX : +49 621 776 - 1000
<URL> http:// www.pepperl-fuchs.com
<E-mail> info@de.pepperl-fuchs.com

Pepperl + Fuchs K.K. | CC-Link | Gateway

VAG-CCL-G4F CC-Link/ASi Gateway

A gateway that connects the ASi network of the bottom layer bus for ON/OFF signals to the CC-Link with ease.

Features

●As a remote device station occupying three CC-Link stations, the gateway can connect ON/OFF signals of up to 124/IN and +124/OUT.

●The numbers of the slave stations comprising an ASi line can be taught easily by operating the buttons.

●The gateway is equipped with a self-diagnosis function and LEDs for displaying the status.

●The gateway is contained in a housing of protection rating IP65.

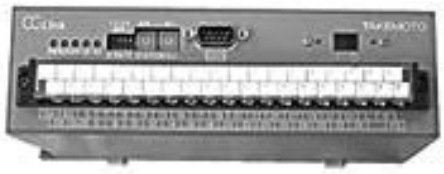
Station type	Remote device station
Number of stations occupied	3 stations
CC-Link version	
External dimensions	90 (L) × 80 (W) × 70 (H) mm
Mass	Approx. 360 g
Standard Price	

Contact

HAKARU PLUS CORPORATION | CC-Link | Gateway

C1-GW Protocol Converter for CC-Link

This protocol converter is designed to connect the RS-485 communication line of Takemoto's power remote I/O to the CC-Link.



Features

- The transmission of power data on five-element type multiple converters, etc., can be centralized on the CC-Link.
- The converter operates the remote input/output and registers of the master station according to the command/response procedure of a slave station. In a send/receive trial, data of up to 16 words can be read from the slave station.
- The converter does not require any tool software for setting functions.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	200(W)×60(H)×126(D) mm
Mass	750 g
Standard Price	75,000円(税別)

Contact

Fuji Electric Industries (Shanghai) co., ltd
TEL : +86-21-52401184
<URL> http://www.takemotodenki.co.jp
<E-mail> wgl@fujidensan.net

Sasaki Sekkei Co., Ltd. | CC-Link | Gateway

MUSASHI

Features

Station type	
Number of stations occupied	4
CC-Link version	Ver1.1
External dimensions	128(H)×38(W)×93(D)[mm]
Mass	
Standard Price	

Contact

SasakiSekkei Co.,Ltd
TEL : +81-42-513-0675
<URL> http://www.ssk-dsn.com/
<E-mail> info@ssk-dsn.com

MITSUBISHI ELECTRIC ENGINEERING COMPANY LIMITED | CC-Link | Gateway

CC-Link compatible ECL2-NV1G Gateway Module

This product is a Gateway Module which relays information on CC-Link System and information on ONVIF Network to each other.

Features

- Control and confirmation of cameras on the ONVIF Network is possible from the CC-Link System master station.
  Event handling (event transmit / receive) is possible between CC-Link System and ONVIF Network.
  Data transmission / reception are possible between the CC-Link System master station and devices (such as computers) that have socket communication functions on the ONVIF Network.
- One Gateway Module can control up to 16 cameras which compliant to the ONVIF standards.
  Up to 100 points of camera PTZ positions can be registered per camera.
- FB Libraries that can be used by Mitsubishi Electric Corp.'s engineering tool GX Works3 and GX Works2 will be provided.
  Programs can be easily made and program readability can be improved through the use of FB Libraries.

Station type	Intelligent device station
Number of stations occupied	1 stations / 2 stations / 4stations
CC-Link version	Ver.1.10, Ver.2.00
External dimensions	180×50×70 [mm] (Excluding Spring clamp terminal blocks and DIN rail hooks)
Mass	0.33kg (Including Spring clamp terminal blocks)
Standard Price	

Contact

ProSoft Technology, Inc | CC-Link | Gateway

EtherNet/IP to CC-Link Local & Intelligent Station 5209-DFNT-CCLINK

The ProSoft Technology EtherNet/IP® to CC-Link communication gateway allows Rockwell Automation® control platform users to integrate CC-Link Master compatible products with existing EtherNet/IP control networks.

Features

- EtherNet/IP - 5 simultaneous server connections and 3 simultaneous client connections supporting 100 communication commands per client
- CC-Link Intelligent or Local Station - Transient Message support for peer station communication.
  Adds additional acyclic data capacity (up to 8K words) to the module
- Allows integration of EtherNet/IP based systems onto a CC-Link master controlled network.
- A shared 10000 word database exchanges information from devices on both networks
- Local station provides a list of entire network slave cyclic data

Station type	Local Station
Number of stations occupied	1-4 stations
CC-Link version	Ver. 1.10
External dimensions	69×132×115
Mass	0.68kg
Standard Price	

Contact

North America
5201 Truxtun Ave , 3rd floor Bakersfield, CA 93309
United States of America
TEL : +1 661-716-5100
FAX : +1 661-716-5101
France
Zone d'activite de Font Grasse 17, rue des Briquetiers F-31700 Blagnac
TEL : +33 (0)5 34 36 87 20
FAX : +33 (0)5 61 78 40 52
<URL> http://www.prosoft-technology.com/prosoft
<URL> http://www.prosoft-technology.com/content/view/full/12404
<North America E-mail> info@prosoft-technology.com
<France E-mail> europe@prosoft-technology.com

ProSoft Technology, Inc

CC-Link | Gateway

Modbus TCP/IP to CC-Link Local & Intelligent Station 5209-MNET-CCLINK

The ProSoft Technology Modbus TCP/IP to CC-Link communication gateway allows Schneider Electric control platform users to integrate CC-Link Master compatible products with existing Modbus TCP/IP control networks.

Features

- Modbus TCP/IP - Five simultaneous Server connections on TCP/IP Service Port 502 and five additional Server connections on any unreserved service port
- CC-Link Intelligent or Local Station - Transient Message support for peer station communication.
  Adds additional acyclic data capacity (up to 8K words) to the module
- Allows integration of Modbus TCP/IP based systems onto a CC-Link master controlled network.
- A shared 10000 word database exchanges information from devices on both networks
- Local station provides a list of entire network slave cyclic data

Station type	Local Station
Number of stations occupied	1-4 stations
CC-Link version	Ver. 1.10
External dimensions	69×132×115
Mass	0.68kg
Standard Price	

Contact

North America
5201 Truxtun Ave , 3rd floor Bakersfield, CA 93309
United States of America
TEL : +1 661-716-5100
FAX : +1 661-716-5101
France
Zone d'activite de Font Grasse 17, rue des Briquetiers F-31700 Blagnac
TEL : +33 (0)5 34 36 87 20
FAX : +33 (0)5 61 78 40 52
<URL> http://www.prosoft-technology.com/prosoft
<URL> http://www.prosoft-technology.com/content/view/full/12397
<North America E-mail> info@prosoft-technology.com
<France E-mail> europe@prosoft-technology.com

TOYO ELECTRIC CORPORATION

CC-Link | Gateway

MAGIC BEE

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

TOYO ELECTRIC CORPORATION
TEL : (+81)568-88-1181
<E-mail> info@toyo-elec.co.jp

TOYO ELECTRIC CORPORATION | CC-Link | Gateway

Gateway Contorller for MRC with CC-Link Ver. 2.0

This Product (MGW2-1616-CP1) is a gateway contorller for connecting the conveyance controller for brushless DC motor of our products (MRC-412-P1) to CC-Link.

Features

- By using MGW2-1616-CP1, the control and the surveillance of brushless DC motor by MRC-412-P1 using CC-Link become possible.
- The MRC series can control four brushless DC motors simultaneously and realizes space-saving, low price, and high functionality of a carrier system.
- Although MRC series preinstalls the variegated mode of operation, the user original control from PLC connected in CC-Link is also possible.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.2.0
External dimensions	160×80×25mm
Mass	320g
Standard Price	お問い合わせ下さい

Contact

TOYO ELECTRIC CORPORATION
TEL : +81-568-88-1700
<URL> http://www.toyo-elec.co.jp/en/index.html
<E-mail> info@toyo-elec.co.jp

TOYO ELECTRIC CORPORATION | CC-Link | Gateway

Gateway Contorller for MRC

本製品(MGW-1616-CP1)は、当社製品のDCブラシレスモータ用搬送コントローラ(MRC-411)をCC-Linkに接続するためのゲートウェイ コントローラーです。
他の目的に使用できるものではありません。

Features

- MGW-1616-CP1を使用することで、CC-Linkを利用したMRC-411によるDCブラシレスモータの制御と監視が可能になります。
- MRCシリーズは、4つのモーターを同時に制御することが可能で、搬送システムの省スペース化・低価格化・高機能化を実現致します。
- MRCシリーズは、多彩な運転モードを標準搭載していますが、フィールドネットワークで接続されたPLCからのユーザー独自制御も可能です。

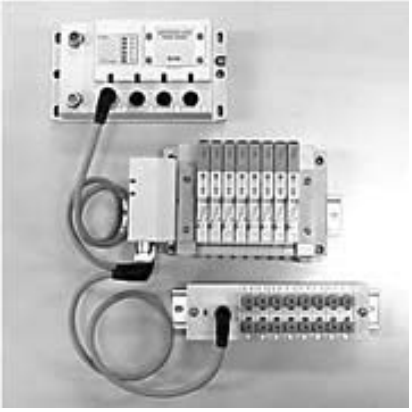
Station type	リモートデバイス局
Number of stations occupied	4局
CC-Link version	Ver1．10
External dimensions	160x80x25mm
Mass	
Standard Price	お問い合わせ下さい

Contact

TOYO ELECTRIC CORPORATION
TEL : +81-568-88-1700
<URL> http://www.toyo-elec.co.jp/
<E-mail> info@toyo-elec.co.jp

EX500-GMJ1 Gateway Unit

A gateway system is adopted (the CC-Link communication protocol is converted exclusively for SMC). Four-branch wiring permits distributed control of manifold valves and input units.



Features

- Maximum number of input/output points: 128 points (64 input points/64 output points)
- A connector connection system is adopted for input/output units so that units can be increased or decreased as you desire.
- There is no need to connect a power line to each input/output unit.

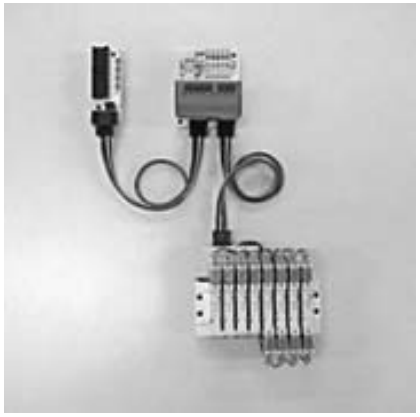
Station type	Remote device station
Number of stations occupied	3 stations
CC-Link version	
External dimensions	160 (W) × 88 (H) × 46 (D)
Mass	470 g
Standard Price	お問い合わせください

Contact

SMC(China)Co.,Ltd.
A2, XingSheng Street, BDA, Beijing, 100176 P.R. China
TEL : +86-(010) 67885566 FAX : +86(010) 67881837
<URL> http://www.smcworld.com/index.html
<URL> http://www.smc.com.cn/
<E-mail> smcsale@smc.com.cn

EX510-GMJ1 Gateway Unit

This gateway unit is capable of distributed-controlling manifold valves and input units.



Features

- Maximum number of input/output points: 128 points (64 input points/64 output points)
- There is no need to connect a power line to each input/output unit and set an address.

Station type	Remote device station
Number of stations occupied	3 stations
CC-Link version	Ver.1.10
External dimensions	64 (W) × 80 (H) × 60 (D)
Mass	170 g
Standard Price	お問い合わせください

Contact

SMC(China)Co.,Ltd.
A2, XingSheng Street, BDA, Beijing, 100176 P.R. China
TEL : +86-(010) 67885566 FAX : +86(010) 67881837
<URL> http://www.smcworld.com/index.html
<URL> http://www.smc.com.cn/
<E-mail> smcsale@smc.com.cn

SR Technology Co., Ltd.

CC-Link | Gateway

CC-LINK Rectifier

- Configure the CC-LINK and NETWORK, it can be controlled from any PLC equipped with a CC-LINK

Features

- DSP-Control
- EXT' INTERFACE (CC-link , Device-Net , Modbus , Ethenet , Profibus , CDMA , RS-232C & 485)
- SLIM SIZE , COMPACT DESIGN
- Tightness and durability improvment by an independent cooling system
- Quick response due to an error code classified
- Full compatibility with all products by ordered

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	
External dimensions	W:430mm, D:430mm, H:80mm (1.0kW or less) W:430mm, D:430mm, H:155mm (2.0kW or less) W:430mm, D:430mm, H:180mm (3.0kW or less) W:430mm, D:435mm, H: 250mm (5.0kW or less)
Mass	10kg (Rating capacity:1.0kW or less), 20kg (Rating capacity:3.0kW or less), 30kg (Rating capacity:5.0kW or less), 40kg (Rating capacity:10.0kW or less)
Standard Price	

Contact

제조사SR Technology Co,,Ltd.
인천시 남동구 서로 53번길 38 남동우리타운 B동 305호
TEL : 032-818-0481
<URL> http://www.SR-Technology.co.kr

SHIMADEN CO., LTD.

CC-Link | Gateway

Protocol Converter GAT10-CC Series

This converter can establish communication between a regulator incorporating Shimaden's standard protocol and the CC-Link without using any program.

Features

- With the protocol converter, measured temperature values, temperature settings, and parameters can be read from or written to up to eight Shimaden units with an RS-485 interface from the CC-Link.
- By distributing each system with this equipment, the wiring for the entire system can be reduced.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	80(H)×50(W)×130(D) mm (including the base)
Mass	Approx. 260 g
Standard Price	

Contact

대리점광진에스엠디㈜
인천광역시 남구 미추홀대로 700(동서빌딩) 2층
TEL : 032-433-9828

IB-C01 Motor Driver

A motor driver for motorized conveyor rollers (Power Moller) compatible with the CC-Link.

Features

- A remote I/O station and a motor driver are integrated into a single unit.
- The motor driver contains two motors.
- The two motors are independently controllable.
- Systems can be constructed with less wiring.
- One-touch type connectors (manufactured by Sumitomo 3M) make cable wiring easy.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	76(H) × 210(W) × 35(D)
Mass	
Standard Price	

Contact

Motor driver board IB-C02

A motor driver for motorized conveyor rollers (Power Moller) compatible with the CC-Link.

Features

- A remote device station and a motor driver are integrated into a single unit.
- The motor driver contains two motors.
- The two motors are independently controllable.
- Systems can be constructed with less wiring.
- One-touch type connectors (manufactured by Sumitomo 3M) make cable wiring easy.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	CC-Link Ver.1.10
External dimensions	58(H)×220(W)×32(D)
Mass	200g
Standard Price	ask to us

Contact

<URL> http://www.itohdenki.co.jp/
<E-mail> info@itohdenki.co.jp

FR-E700-NC, MITSUBISHI FR-E700 Series Inverter Supporting CC-Link Communication

Built-in CC-Link communication function!
All-rounder with compact body is now even easier to use!

Station type	Remote device station
Number of stations occupied	One station
CC-Link version	Ver.1, Ver.2
External dimensions	* Note that the depth size is larger than the standard product.
Mass	
Standard Price	お問い合せ下さい

Features

- Wiring is reduced with the CC-Link communication connector and spring clamp terminal (control circuit).
- Network communication is possible even when main circuit power is OFF (24 V external power supply terminal)
- Safety stop function incorporated to facilitate compliance with EC Machine Directives.
- The FR-E700-NC has a built-in CC-Link communication function. The specifications are different from those of the standard FR-E700 series as follows.
  ・This product has a dedicated control terminal block. The number of terminals and specifications are different from those of the standard product. (Control terminal option units cannot be used.)
  ・The plug-in option for the standard FR-E700 series (FR-A7□□ E kit), the parameter unit (FR-PU07 and FR-PU07BB), or the enclosure surface operation panel (FR-PA07) cannot be used.

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.MitsubishiElectric.co.jp/fa/

FR-E700-SC, MITSUBISHI FR-E700 Series Inverter Supporting Safety Stop Function

Simple, powerful, and compact inverter supporting the safety stop function
(For CC-Link communication, the options FR-A7NC and FR-A7NC E kit cover SC are required.)

Station type	Remote device station
Number of stations occupied	One station
CC-Link version	Ver.1, Ver.2
External dimensions	* Note that the depth size is larger than the standard product.
Mass	
Standard Price	お問い合わせください

Features

- Spring clamp terminals are adopted as control circuit terminals.
  Spring clamp terminals are highly reliable and can be easily wired.
- The FR-E700-SC series is compliant to the EU Machinery Directive without the addition of previously required external devices. Operation of an external Emergency Stop device results in a highly reliable immediate shutoff of the D700's output to the motor.
  This safety stop function conforms to the following standards.
  EN ISO 13849-1 Category 3 / PLd
  EN62061 / IEC61508 SIL2
- The specifications of the FR-E700-SC are different from those of the standard FR-E700 series as follows.
  ・This product has a dedicated control terminal block. (Control terminal option units cannot be used.)
  ・Two safety inputs are added, and the number of contact input terminals is changed from seven to six.
  ・The plug-in option for the standard FR-E700 series (FR-A7□□ E kit) cannot be used.

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.MitsubishiElectric.co.jp/fa/

FREQROL-E520-KN (3-phase, 200 V Power Model), FREQROL-E540 (3-phase, 400 V Power Model) General-purpose Inverter

An enriched line of compact, powerful inverters.

Features

●The combination of Mitsubishi's unique "general-purpose flux vector control" and slip compensation can generate a torque of 150% at 1 Hz.

●The inverter can be installed in the same small area as our FR-E520.

●Programs are easy to create because the CC-Link can be operated with X and Y commands from a PLC.

●The 3-phase, 400 V power model can be operated with the CC-Link simply by connecting an optional FR-E5NC to a standard FREQROL-E540 series unit.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
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MITSUBISHI Inverter FR-V500 Seriese

Vector inverter combining high performance and ease of use
(For CC-Link communication, the option FR-A5NC is required.)

Features

●Pursuing the best performance
・The model adaptive speed control improves the speed command trackability. (Speed response 800rad/s (55K or lower), speed control range 1:1500)
・The adaptive magnetic flux observer reduces torque fluctuation caused by changes in the motor temperature. The motor's internal flux can be calculated at a high accuracy, thus improving the torque accuracy. (Repeated torque accuracy ±5%.)
・The simple gain tuning function eliminates the need to adjust the speed control gain and position loop gain.

●Easy-to-use
・The machine analyzer function of the setup software vibrates the motor to analyze the resonance frequency ofthe machine. The notch filter function is available to avoid machine resonances.
・The terminal dedicated to encoder signals is equipped as standard.
・Combination with a 1500r/min dedicated motor (SF-V5RU) is possible with the same capacities.
・Encoder expandability
The power voltage and output circuit can be selected according to each encoder. (Differential line driver/complementary, separate power supply (5.5/12/24V) required.)
The dedicated motor (SF-V5RU) encoder is compatible with a 2048P/R resolution and 12V power voltage.

Station type	Remote device staion
Number of stations occupied	one station
CC-Link version	Ver.1
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

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MITSUBISHI Inverter FR-A700 Series(FR-A7NC)

Advanced functionality and high-performance inverter
(For CC-Link communication, the option FR-A7NC is required.)

Station type	Remote device station
Number of stations occupied	One station
CC-Link version	Ver.1、Ver.2
External dimensions	
Mass	
Standard Price	お問い合わせください

Features

●Performance Enhancement
・High accuracy/fast response speed operation by the vector control can be performed with a general-purpose motor without encoder. Also permits torque limits during torque control and speed control.
・Vector control operation can be performed using a motor with encoder. Torque control/position control as well as zero speed control, servo lock can be realized with the inverter.

●Improved Reliability & Maintainability
・Lengthens the life of cooling fans and capacitors.
・A self-diagnosis function outputs parts life alarm and monitors degrees of deterioration, permitting corrective measures to be taken before problems occur.
・A removable terminal block and cooling fan cassette simplify replacement procedures

●Environment Friendly
・A newly developed, built-in noise filter (EMC filter) reduces noise emissions from the inverter.

Contact

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MITSUBISHI Inverter FR-A701 Series

Inverter with built-in power regeneration function
(For CC-Link communication, the option FR-A7NC is required.)

Station type	Remote device staion
Number of stations occupied	One station
CC-Link version	Ver.1, Ver.2
External dimensions	
Mass	
Standard Price	お問い合わせください

Features

●easy-to-use
・The number of wires in the main circuit has been reduced to approx.40% and the installation area has been reduced to approx.60% (for 7.5K) compared to the conventional configuration with stand-alone common converters. Use this model to save the wiring and the space.
・For easy replacement, the installation size is the same as the conventional model (FR-A201).
・The braking circuit is built-in for this inverter, so the selection procedure for a braking option is no longer required.
・The FR-A701 is based on the A700 series demonstrating the highest level of driving performance, long-life parts, life diagnosis function, network capability, simple operation and easy maintenance.
・The total cost is reduced compared to the conventional system (inverter + power regenerative converter + ACreactor). Less heat is generated in this inverter because the regenerative power is returned to the power supply, leading to energy savings.

●Pursuing the best performance
・It has excellent braking capacity. (The regenerative braking torque is 100% for continuous operation and 150% for 60s.)

Contact

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MITSUBISHI Inverter FR-A800 Series(FR-A8NC)

High performance and high quality new inverter of the highest level
(For CC-Link communication, the option FR-A8NC is required.)

Station type	Remote device station
Number of stations occupied	One station
CC-Link version	Ver.1,Ver.2
External dimensions	
Mass	
Standard Price	お問い合せください

Features

●LEADING DRIVE PERFORMANCE
・The enhanced Real sensorless vector control and vector control achieves improved speed response and high-speed operation.
・PM sensorless vector control enables highly accurate driving of a PM motor without an encoder.

●SECURITY & SAFETY
・Controls with safety functions can be easily performed.(Safty stop function)
・Equipped with a 24VDC control power supply input. The 24 VDC power supplied from outside enables continuous communication or parameter setting without turning ON the main power.

●EASY SETUP & EASY TO USE
・A USB host connector (A type) is available. Parameters can be copied to commercial USB memory devices.

●ECO-FRIENDLY FACTORIES
・Optimum excitation control continuously adjusts the excitation current to an optimum level to provide the highest motor efficiency leading to substantial energy savings.

●SYSTEM SUPPORT
・Since multiple ratings are supported, the optimal inverter can be selected according to the application.

●ENVIRONMENTAL ADAPTABILITY
・The newly developed drive technology and the power supply technology minimize the EMI emitted from inverters.

Contact

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MITSUBISHI Inverter FR-E700 Series

Simple, powerful, and compact inverter
(For CC-Link communication, the option FR-A7NC E kit is required.)

Station type	Remote device station
Number of stations occupied	One station
CC-Link version	Ver.1, Ver.2
External dimensions	
Mass	
Standard Price	お問い合わせください

Features

●Provides one of the highest level of control performance among compact inverters
・Equipped with Mitsubishi Electric Corporation's unique "Advanced Magnetic Flux Vector Control" that optimally controls the magnetic flux in a three-phase motor, this inverter develops the highest level of torque characteristics over a wide range from the low frequency band up to the high frequency band. (Startup torque: 200% 0.5Hz (3.7 K or less))
・With the short time load capacity improved to 200% 3 seconds, it realizes more tenacious operation.
・The torque limiting function protects the mechanisms, limits loads and prevents crashing.

●Compact and space-conservative
・Though densely packed with high performances in a compact body, the external dimensions well consider the installation exchangeability with the conventional models (FR-E500 series).
・Allowed to install its sides in close contact, the inverter is space-conservative.

●Extensiveness
・Simply hooking up an optional FR-A7NCE kit to the standard FR-E700 series enables the CC-Link operation.

Contact

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MITSUBISHI Inverter FR-F700P Seriese(FR-A7NC)

Energy-saving premium inverter for fans and pumps
(For CC-Link communication, the option FR-A7NC is required.)

Station type	Remote device staion
Number of stations occupied	One station
CC-Link version	Ver.1、Ver.2
External dimensions	
Mass	
Standard Price	お問い合せ下さい

Features

●Great CO2 emission reduction with energy-saving drive
・Optimum excitation control continuously adjusts the excitation current to an optimum level to provide the highest motor efficiency leading to substantial energy savings.
・This series can drive both a general-purpose motor and an IPM motor. Switching between the two motor controls is simple—just a single parameter setting.
(Initially, a general purpose motor could be used, then upgraded to an IPM motor without switching this inverter, leading to lower cost of equipment.)

●Easy-to-use
・The following functions provide the ideal operation for fans and pumps: variable torque
acceleration/deceleration patterns, PID control, commercial power supply switching, adjustable 5 points V/F, continuous operation at an instantaneous power failure, regeneration avoidance function, etc.

●Environmentally friendly
・The newly developed built-in EMC filter reduces electromagnetic noise generated from the inverter.

Contact

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MITSUBISHI ELECTRIC CORPORATION | CC-Link | Inverter・Servo systems

MITSUBISHI Sensorless Servo FR-E700EX , MM-GKR

Highly accurate operation achieved without using an encoder.
Sensorless servo system is a combination of a dedicated drive unit and a dedicated sensorless PM motor (magnet motor).
(For CC-Link communication, the option FR-A7NC E kit is required.)

Station type	Remote device station
Number of stations occupied	One station
CC-Link version	Ver.1, Ver.2
External dimensions	
Mass	
Standard Price	お問い合わせください

Features

●Dedicated drive unit FR-E700EX
Highly accurate operation is achieved without an encoder using PM sensorless vector control.
・Operation is possible at stable speed resistant to load fluctuations.
・Holding torque is generated by the zero speed control and servo lock functions when the motor stops, preventing movements caused by external forces.
・Built-in positioning function (point table method)using contact signals and CC-Link communication (option). (Not compatible with absolute position detection system.)

●Sensorless PM motor MM-GKR
・A sensorless PM motor is a high-performance, energy-saving motor incorporating a powerful permanent magnet (high-performance magnet) in the rotor, helping to realize machine energy saving.
・Compact, lightweight motor with no encoder also contributes to machine downsizing.
・No cooling fan, ensuring low noise. Ideal for use in clean rooms.
・With a protective structure conforming to IP65, this motor is highly resistant to water and dust, allowing the confortable usage in poor environments.

Contact

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MR-J2S-□CP-S084, MR-J2S-T01 Mitsubishi General-purpose AC Servo Amplifier

Since this servo amplifier incorporates a positioning function, it can construct a positioning system via the CC-Link without using any positioning controller.
Production Discontinuation (August 2015)

Features

- The servo amplifier MR-J2S-□CP-S084 incorporating a CC-Link-compatible positioning function is capable of controlling and monitoring up to 42 axes of servo amplifiers from the PLC if it is connected to the CC-Link interface unit MR-J2S-T01.
- The servo amplifier does not require any positioning controller because it contains a positioning function.
- Positioning data can be transmitted and servo amplifiers can be activated, deactivated, and monitored via the CC-Link.
- The servo amplifier is compatible with servomotors of 50 W to 7 kW.
- The servo amplifier has a model-adaptive control function and a real-time automatic tuning function which further improve the performance of the machine with ease.
- The high performance and functionality of Mitsubishi's general-purpose AC servomotor MELSERVO-J2-Super series means they can be used as they are.

Station type	Remote device station
Number of stations occupied	1 station/2 stations
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

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TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/products/drv/servo/index.html

MR-J3-T Mitsubishi General-purpose AC Servo Amplifier MELSERVO-J3 Series

Entering position data, motor rotational speeds and so forth in the point table like setting parameters enables positioning operation.

Features

- With position data and speed data entered in the point table in the servo amplifier, the startup signal from the host controller initiates the positioning operation.
- Servo data transmitted through the CC-Link communications to the host controller is available for control by the host application program.
- Compatible with roll feed operation and equally divided turret operation.
- A sophisticated automatic tuning function by an advanced damping control, an adoptive filter II and a robust external disturbance compensation function.
- Available in a wide range of motor ratings from 50W to 22kW. The 100V, 200V and 400V power line specifications are available for overseas use.
- Well-established startup and adjustment support functions by the setup software "Mr. Configurator" (compatible with USB I/F). Compatible with the parameter module (MR-PRU03).

Station type	Remote device station
Number of stations occupied	1 station/2 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

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Positioning Module AJ65BT-D75P2-S3

Compatibility with distributed system

Station type	Intelligent device station
Number of stations occupied	4 stations
CC-Link version	
External dimensions	63.5(H)×170(W)×80(D)[mm]
Mass	0.50kg
Standard Price	150,000円

Features

●The positioning module can be placed in a distribute manner.

●With the AC servomotor MELSERVO-H/J2/J2S series, an absolute position detecting system can be easily constructed.

●A differential driver contributes to the following:
・Faster pulse output (400 kpps)
・Longer distance of connection to a drive unit (up to 10 meters)

●A variety of positioning control functions
・Up to 600 positioning data can be set for each axis.
・Seven types of home position return functions are available.
・Automatic trapezoidal acceleration/deceleration and S-figure acceleration/deceleration are available as acceleration/deceleration modes.

Contact

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FREQROL-A700 Series General-purpose inverter

Highest level in your hand
High-performance/high-function inverter

Station type	Remote device station
Number of stations occupied	
CC-Link version	1 station
External dimensions	
Mass	Ver.1, Ver.2
Standard Price	

Features

●Performance Enhancement
・High accuracy/fast response speed operation by the vector control can be performed with a general-purpose motor without encoder.
Also permits torque limits during torque control and speed control.
・Vector control operation can be performed using a motor with encoder.
Torque control/position control as well as zero speed control, servo lock can be realized with the inverter.

●Improved Reliability & Maintainability
・Lengthens the life of cooling fans and capacitors.
・A self-diagnosis function outputs parts life alarm and monitors degrees of deterioration, permitting corrective measures to be taken before problems occur.
・A removable terminal block and cooling fan cassette simplify replacement procedures

●Environment Friendly
・A newly developed, built-in noise filter (EMC filter) reduces noise emissions from the inverter.

Contact

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TEL : 02-3664-8333

FREQROL-C500 Series General-purpose Inverter

A long-desired inverter incorporating PLC functions has arrived.

Features

- Sequence control can be executed only with an inverter without using a controller.
- Programs can be created by using the programming tool "GX Developer."
- The inverter contains CC-Link functions.
- The inverter is optimum for distributed control.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

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FREQROL-E500-KN

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

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FREQROL-F700 Series General-purpose inverter

The energy saving effect is obvious
Energy saving inverter

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1, Ver.2
External dimensions	
Mass	
Standard Price	

Features

●Environment Friendly
・Upgraded version of optimal excitation control offers improved energy saving control for both constant speed and acceleration/deceleration operations.
・An energy saving monitor displays power savings, and annual power savings, etc.
・A newly developed, built-in noise filter (EMC filter) reduces noise emissions from the inverter.

●Easy to Use
・Optimal air-conditioning and fluid control is possible by standard fan and pump functions such as PID control, commercial operation switching, V/F5 point adjustable, original operation continuation at instantaneous power failure, and regeneration avoidance.
・When CC-Link is running, operation can be controlled by X, Y commands from a PLC, making program creation easy.

●Improved Reliability & Maintainability
・Lengthens the life of cooling fans and capacitors.
・A self-diagnosis function outputs parts life alarm and monitors degrees of deterioration, permitting corrective measures to be taken before problems occur.
・A removable terminal block and cooling fan cassette simplify replacement procedures.

Contact

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MITSUBISHI Inverter FR-F700P Seriese

Energy-saving premium inverter for fans and pumps
(For CC-Link communication, the option FR-A7NC is required.)

Station type	Remote device staion
Number of stations occupied	CC-Link Ver.1: occupies one station, CC-Link Ver.2: occupies one station(selectable from among double,quadruple and octuple)
CC-Link version	Ver.1, Ver.2
External dimensions	
Mass	
Standard Price	

Features

●Great CO2 emission reduction with energy-saving drive
· Optimum excitation control continuously adjusts the excitation current to an optimum level to provide the highest motor efficiency leading to substantial energy savings.
· This series can drive both a general-purpose motor and an IPM motor. Switching between the two motor controls is simple—just a single parameter setting. (Initially, a general purpose motor could be used, then upgraded to an IPM motor without switching this inverter, leading to lower cost of equipment.)

●Easy-to-use
· The following functions provide the ideal operation for fans and pumps: variable torque acceleration/deceleration patterns, PID control, commercial power supply switching, adjustable 5 points V/F, continuous operation at an instantaneous power failure, regeneration avoidance function, etc.

●Environmentally friendly
· The newly developed built-in EMC filter reduces electromagnetic noise generated from the inverter.

●Improved reliability and easy maintenance
· The lives of the cooling fan and capacitor have been extended.
· Using the self-diagnosis function, the part life warning can be output and the degree of deterioration can be monitored to prevent malfunction.
· The removable control terminal block and the cooling fan cassette make it easy to replace.

Contact

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AC SPEED CONTROL EQUIPMENT THYFREC VT240S (CC-Link Interface Model: V24-SL3)

THYFREC VT240S has 6 control modes for PM motor and induction motor. It is compliant to global standard, has multi language LCD operation panel.

Features

- CC-Link Ver1.00 available by option
- All in one drive, having 6 control modes
- Tiny PLC function included and it offers multiple application
- RoHs (Restriction of Hazardous Substances) compatible
- Compatible with international standards (UL,cUL,CE), multi language LCD operation panel

Station type	Remote device connection
Number of stations occupied	Maximum 2 occupied station
CC-Link version	Ver.1.0
External dimensions	Please contact us
Mass	Please contact us
Standard Price	

Contact

MEIDENSHA CORPORATION
Motor Drive Sales Department, Industrial Component Sales Division,
Industrial Component Business Unit
ThinkPark Tower, 2-1-1, Osaki, Shinagawa-ku, Tokyo, 141-6029, Japan
TEL : +81-3-6420-7657 FAX : +81-3-5745-3061
<URL> http://www.meidensha.co.jp

Inverter Geared Motor GN Series

This is a geared motor with a CC-Link inverter incorporated, which realizes higher performance of the equipment and wire saving.
Lineup extended 2.2kW.

Features

- Constant torque operation in 6 to 60 Hz is possible without parameter settings(0.1 to 0.75kW).
  (1.5 to 2.2kW constant torque operation in 10 to 60 Hz.)
- Control on multiple devices can simply be performed through CC-Link communication.
- A power supply cable and CC-Link communication cable can be multidrop-connected, allowing wire saving.
- With an incorporated inverter, wiring between a motor and inverter is not required as well as a control panel.
- The inverter, which is a totally enclosed type inverter, can also be used outside.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

CKD Corporation | CC-Link | Inverter・Servo systems

AX-OPX-7G Slave Station for Absodex

Just connect it, and a network will be constructed.

Features

●By attaching this slave station to the I/O connector (CN3) of an H or S type driver, it can be connected to a field network CC-Link system of Mitsubishi Electric's MELSEC-A QnA series.

●Wiring can be drastically reduced.

●Number of I/O points: 16 input points and 14 output points

●Five baud rates can be set (156 kbps, 625 kbps, 2.5 Mbps, 5 Mbps, 10 Mbps).

●An output mode in case of communication errors can be selected (hold or clear).

●External emergency stop input (b-contact) can be connected to the emergency stop signal in series in serial communication.
・Absodex DD actuator AX series
CKD's Absodex is available with a maximum output torque of 6 to 500 N m according to the application.

●本製品は2011年6月に生産中止となりました。

代替機種 AX9000TS-U4 (6～75N・m) , AX9000TH-U4(150～1000N・m)

Station type	
Number of stations occupied	1 station
CC-Link version	
External dimensions	W=25.5, H=70, L=83 (mm)
Mass	
Standard Price	お問い合わせください

Contact

CKD CORPORATION
TEL : +81-(0)568-74-1338
<URL> http://www.ckd.co.jp/
<E-mail> ckdservice@ckd.sh.ch

CKD Corporation | CC-Link | Inverter・Servo systems

ABSODEX Driver AX9000TS/TH

"Instantaneous positioning, quick response direct drive actuator ABSODEX"
High precision absolute DD actuator that can be indexed anywhere in its 360-degree

Features

●Optimal for index unit (direct drive saves energy and space)

●Shortens a tact time of the equipment

●Highly accurate positioning (indexing accuracy ±15 seconds)

● Simple set up (PC software for adjustment is provided)

●Wide lineup (16 models of running torque from 6 to 1,000 N·m)

●Positioning information and the alarm status can be monitored (remote device station)

Station type	リモートデバイス局
Number of stations occupied	2局
CC-Link version	Ver.1.10
External dimensions	75×220×160[mm]
Mass	約1.6 [kg]
Standard Price	お問合せ下さい

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<URL> http://www.ckd.co.jp/
<E-mail> ckdservice@ckd.sh.ch
<E-mail> info@cc-link.org

ABSODEX Driver AX9000XS

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

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High performance servo driver VPH series

It will bring up the high performance of Direct Drive series at maximum level.

Features

- ●Product line-ups from 50W to 3.3kW
- ●Corresponds to the Direct drive servo motor, Linear servo motor and Linear stage
- ●Control the torque ripple for 20 % (Comparing to the existing model VCII series)
- ●Shorten the settlement time for 50% (Comparing to the existing model VCII series)
- ●Possible to achieve zero pulse at servo lock (Depend on mechanical condition)
- ●Simply the initial adjustment by improved data editing software

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	-
Mass	-
Standard Price	Please contact us.

Contact

CKD NIKKI DENSO CO., LTD.
TEL : +81-43-498-2315
<URL> http://www.nikkidenso.co.jp/en/
<E-mail> overseas@nikkidenso.co.jp

CKD NIKKI DENSO CO., LTD. | CC-Link | Inverter・Servo systems

AC servo driver VPS series Model:NCR-DCDA2*-*

The newly developed VPS Series servo driver takes the balance of functionality and performance to a higher dimension.
Introducing a "useful" driver with a built-in function for 7-point positioning.

Features

- ●7 points positioning function
- ●Zero return function
- ●Feed forward torque control
- ●Resonance control filter function
- ●Auto tuning function
- ●共振抑制フィルタ機能

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	Approx. 1.0 kg ～
Standard Price	お問い合わせください

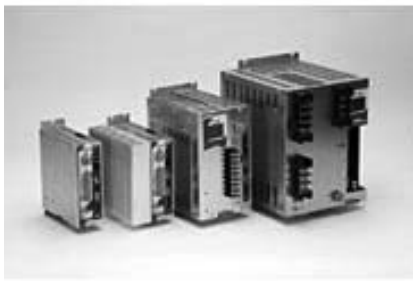
Contact

CKD NIKKI DENSO CO., LTD.
TEL : +81-43-498-2315
<URL> http://www.nikkidenso.co.jp
<E-mail> info@nikkidenso.co.jp
<E-mail> overseas@nikkidenso.co.jp

CKD NIKKI DENSO CO., LTD. | CC-Link | Inverter・Servo systems

AC servo driver VCII series

High function servo driver to enhance the maximum performance of servomotor.



Features

- ●Wide product line -ups from 50W to 110kW
- ●Variety of tuning functions such as Auto notch filter, limiting filter, 4 kinds of gain selection, High load inertia auto tuning functions.
- ●Feed torque control function is newly add to improve the settlement time.
- ●Other than the standard type servo driver, we have controller type with stand alone positioning function and Free-curve control (Electric Cam) function.
- ●We can offer variety of motor products such as Direct Drive motor and both Induction and Synchronous type AC servomotor.

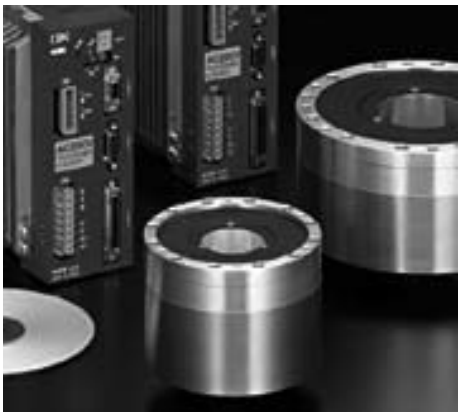
Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合せください

Contact

CKD NIKKI DENSO CO., LTD.
TEL : +81-43-498-2315
<URL> http://www.nikkidenso.co.jp
<URL> http://www.nikkidenso.co.jp/new_p/new_p.html
<E-mail> info@nikkidenso.co.jp
<E-mail> overseas@nikkidenso.co.jp

Model EDC drive module, series PS Mega-Torque motors

Maximum rotational speed of 10[s-1]. Realizing a detector resolution of 2,620,000 divisions/rotation.
The series PS Mega-Torque motors offer high performance that never was before.



Features

- Reduces positioning time. Use of a new system servo algorithm cuts the setting time to one fifth or shorter compared with our predecessor models.
- The motors are low profile. The optimum magnetic field design realizes a thrust density of two times as high as that of our predecessor models.
- Equipped with an interchangeable, highly accurate absolute position detector. An integrated, interchangeable absolute position detector with a high detection accuracy of 90 seconds eliminates the return-to-the-origin operation.
- The drive module is down-sized. Use of a dedicated module reduces the physical volume of the drive module to 65% of our predecessor models.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	Ver.1.10
External dimensions	85(W)×160(H)×140(D) mm
Mass	1.3 kg
Standard Price	

Contact

ASD□□□-□CC

The step-out-less stepping motor module αSTEP has supported the CC-Link.
This module is a positioning function built-in type, which allows positioning control directly from the CC-Link.

Features

- Stepping motor which does not step out even with a drastic load change or rapid acceleration
- Low-vibration operation can be performed at low speed for adoption of the micro step technology.
- Positioning can be made during a short time without gain adjustment even for a drive with low-rigidity mechanism.
- Standard products conform to overseas safety standards and also to the RoHS command.
- Various geared types and actuators such as an electric slider are supported.
- Sending positioning data and speed data, operation command and operation monitoring can be performed via the CC-Link.

Station type	Remote device station
Number of stations occupied	1 station/2 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

현지법인 인아오리엔탈모터(주)
인천 남동구 앵고개로 490번길 119 남동공단 144B-9L
TEL : 032-819-8721

ORIENTAL MOTOR CO., LTD | CC-Link | Inverter・Servo systems

Brushless DC motor package BLE series CC-Link

Motor and driver package has wide speed control range and realizes energy saving.

Features

- Brushless motor has high efficiency and low power loss. Energy saver to your equipment compare to inverter control motors.
- Slim and high power motor, driver package will help downsize your equipment.
- Wide speed control range, 80 to 4000r/min (Speed ratio 1:50)
- Stable peroration from low to high speed with variable load.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

TEL : +852-2427-9800
<URL> http://www.orientalmotor.co.jp/
<E-mail> sales@orientalmotor.asia

ORIENTAL MOTOR CO., LTD | CC-Link | Inverter・Servo systems

DG Series corresponding CC-Link

DG series as Hollow Rotary Actuator correspond the CC-Link.
It is included controller and can control to CC-Link directly.

Features

- The DG series adopts the stepping motor supporting sudden load fluctuation and rapid acceleration.
- Less Hassle with direct coupling.
- High power and high rigidity adopting Cross-Roller Bearing.
- Large-Diameter,Hollow output makes possible simple wireing and piping.
- High accuracy positioning for non-backlash.
- Monitoring the position, speed data, operation command and motion via CC-Link.

Station type	Remote device station
Number of stations occupied	1 Station/ 2 Stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

현지법인 인아오리엔탈모터(주)
인천 남동구 앵고개로 490번길 119 남동공단 144B-9L
TEL : 032-819-8721

ORIENTAL MOTOR CO., LTD | CC-Link | Inverter・Servo systems

The step-out-less stepping motor module αSTEP ARLseries

The step-out-less stepping motor module αSTEP ARLseries has supported the CC-Link.
This module is a positioning function built-in type, which allows positioning control directly from the CC-Link.

Features

- Stepping motor which does not step out even with a drastic load change or rapid acceleration
- Low-vibration operation can be performed at low speed for adoption of the micro step technology.
- A highly effective motor is adopted, and power consumption is suppressed more greatly than old goods.
- Sending positioning data and speed data, operation command and operation monitoring can be performed via the CC-Link.

Station type	Remote device station
Number of stations occupied	1 station/2 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

TEL : +852-2427-9800
<URL> http://www.orientalmotor.co.jp/
<E-mail> sales@orientalmotor.asia

Servoland Corporation | CC-Link | Inverter・Servo systems

versatile servo drivers MOVO SVF series NWK model CCL option

Sophisticated general-purpose servo "MOVO" is widely adapted for the motor and encoder in the world.

Features

- Since the MOVO command can be used by a character string into CC-Link-cyclic data, dynamic and various motion control can be performed.

Station type	remote device station
Number of stations occupied	1station, 2stations, 4stations
CC-Link version	Ver1.1, Ver2.0
External dimensions	
Mass	
Standard Price	お問い合わせください

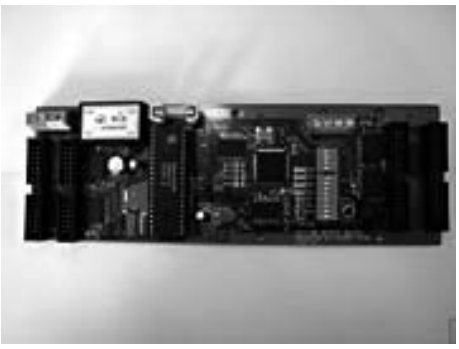
Contact

Servoland Corporation
TEL : +81-42-756-8500
FAX : +81-42-756-8500
<URL> http://www.servoland.co.jp/
<URL> http://www.servoland.co.jp/products/lineup.html
<URL> http://www.servoland.co.jp/download.html
<E-mail> info@servoland.co.jp
<E-mail> sales@servoland.co.jp

Shanghai R&R Technologies Development Co.,Ltd. | CC-Link | Inverter・Servo systems

PCC2 -Motor-CCLink

32 Channel position control with DC motor, the position feedback will be voltage. You can use a potentiometer as the position sensor.



Features

- Low cost position control
- Be easy to carry out the unit and expand
- Great capacity and high speed communication
- The customer can design control program by themselves (Use 8051 Microprocessor)

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	4,000RMB中国元

Contact

Shanghai R&R Technology Development Co.,Ltd
TEL : +86-21-69150900
<URL> http://www.vivicolor.com.cn/
<E-mail> xunf@sh163.net

Sumitomo Heavy Industries,Ltd. | CC-Link | Inverter・Servo systems

Multiple-axis Control Drive System for System MX Line Systems

This series was developed on the new idea that a CPU for controlling the speed and current of vector inverters and an axis-to-axis control CPU for systems are integrated into a single main control unit (MCU). Various multiple-axis drive systems can be configured in combination with power amplifier units (PAUs).

Features

- Completely synchronous multiprocessing
  An MCU can be equipped with up to nine integrated high-speed RISC type CPUs with which the vector control and calculation of each axis and line system control and calculation, from unwinding to winding, are centrally processed by complete synchronization. The system is sure to offer ever-higher performance.
- Axis-to-axis communication at high speed
  Control data can be communicated between axes by memory-to-memory communication at high speed, completely solving the past problem of communication waste time caused by a network.
- Open network (CC-Link)
  The drive system can be easily connected to the CC-Link widely applied in the field of factory automation (FA). Additionally, the protocol thoroughly supports an intelligent device station capable of communicating messages with a PLC (first in the industry). The CC-Link interface board alone is also available.

Station type	Intelligent device station
Number of stations occupied	1 or 4 stations
CC-Link version	
External dimensions	390(H) × 170(W) × 333(D)
Mass	12 kg
Standard Price	

Contact

Ternary all-in-one servo function unit

All-in-one servo actuator (integrated amplifier, controller and CC-Link interface).
Integrated Rotary / Linear mechanism (planetary gear, cylinder and slider with ball screw mechanism, etc)

Features

- integrated amplifier, controller and CC-Link interface. No space for amplifier is needed in electric cabinet.
- Servo motor, high performance planetary gear system, integrated rod cylinder & slider mechanism, rack & pinion system, etc.
- Two types motor: closed loop control stepping motor and Brushless AC servo motor.
- IP40 to IP65
- Besides incremental encoder, battely-less absolute encoder.
- for all factory automation system.

Station type	Remote device station
Number of stations occupied	1 station / 2 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

WITTENSTEIN ternary Co., Ltd. (Japan)
Sales department Zaimokucho 1-10-18 Ueda Nagano
TEL : 81-268-29-4620 FAX : 81-268-29-4621
Wittenstein, Inc. (Chicago USA)
1249 Humbracht Circle Bartlett, IL 60103
TEL : (630) 540-5300 FAX : (630) 736-6134
<URL> http://www.wittenstein-ternary.jp/

SVCC Serieas Motion Controller for CC-Link

Motion Controller for CC-Link
Max 8 axis control with synchronous control.

Features

- The user can customize the acceleration/deceleration pattern, using composite commands.
  In addition to movement patterns, such as trapezoidal and S-curve patterns, you can create your own acceleration/deceleration patterns optimum for the system.
- Monitor commands for checking status of the controller or drivers set specified data in variables.
  You can use these variables in the program to make the motion so flexible.
- Use of indirect reference to variables enhances the efficiency of programming.
  You can accomplish a speedy system development.
- 細分化された動作命令により動作パターンを自由にカスタマイズ可能。
- 悪環境で使用可能なレゾルバ搭載ACサーボモータを準備。
- モータ現在位置、モータトルク等のモニター値により条件分岐が可能。

Station type	Remote device station
Number of stations occupied	4 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

<URL> http://tamagawa-seiki.com/english/link/index.html
<URL> http://www.tamagawa-seiki.com
<URL> http://www.tamagawa-seiki.com/english/products/motor.html

TAMAGAWA SEIKI CO., LTD. | CC-Link | Inverter・Servo systems

TA4681N100 Smart Cam

This complete absolute rotational position detecting unit uses a brushless resolver as a sensor.

Features

- This position detecting system is excellent in environmental resistance and uses a long-serving brushless resolver as a sensor.
- The rotating direction, scale conversion, and current value can be preset by setting parameters from the CC-Link.
- Parameters can also be set from a PC through the RS-232C port.
- Noise resistance: 1500 V or more
  (Power line, sensor line: Measured with a noise simulator)

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	Ver.1.1
External dimensions	W45 × H160 × D100
Mass	0.6 kg
Standard Price	お問い合わせください

Contact

TAMAGAWA HONG KONG LTD
TEL : +852-27539868
<URL> http://www.tamagawa-seiki.co.jp

TAMAGAWA SEIKI CO., LTD. | CC-Link | Inverter・Servo systems

TA4681N200 Smart Cam

This is an electronic cam unit for positioning control using a brushless resolver as a sensor.

Features

- This position detecting system is excellent in environmental resistance and uses a long-serving brushless resolver as a sensor.
- Smart Cam outputs unidirectional positioning control signals to the inverter by setting a target stop position from the CC-Link.
- Parameters can also be set from a PC through the RS-232C port.
- Noise resistance: 1500 V or more
  (Power line, sensor line: Noise simulator used)

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.1
External dimensions	W65 × H160 × D100
Mass	0.7 kg
Standard Price	お問い合わせください

Contact

TAMAGAWA HONG KONG LTD
TEL : +852-27539868
<URL> http://www.tamagawa-seiki.co.jp

ED64sp TOYO INTELLIGENT INVERTER ED64sp-□□□□□

TOYODENKI SEIZO realize miniaturization with super high efficiency by using ED64sp inverter and an ED motor.
And it is economical, ecological Drive System.
ED64sp offers suitable efficiency at high efficiency by using the ED motor of permanent magnet built-in.

Features

- Highly efficient drive system of TOYODENKI's original technic.
- Adjustment is simple by robust control of speed.
- Possible to make torque control.
- Possible to make zero speed control.
- CC-Link communication is possible by putting on an exclusive option card.

Station type	Remove device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

TOYODENKI SEIZO K.K.
TEL : +81-3-3535-0652

INTELLIGENT INVERTER VF66 series VF66*-#####-%%

The VF66 is the inverter which concentrated the motor drive technology of TOYO DENKI SEIZO K.K.
We support every motion control of the product line by collaboration with the VF66 and CC-Link network.

Features

- VF66 inverter can respond to many applications. (VF66 inverter is a versatile inverter which carries five functions in one set.)
- The functionality which can customize an inverter in accordance with a system. (PLC functionality with a built-in inverter.)
- With a personal computer tool "VF66 PCTool", from the coordination after setting to a maintenance is supported powerfully.
- Reduced running cost. (using an ED motor.)
- Reduced maintenance cost.
- CC-Link communication is possible by putting on an exclusive option card. (CC-Link version 1.10/2.00. RoHS Compliant.)

Station type	Remote device station
Number of stations occupied	Ver1.10:1 to 4, Ver2.00:1(2,4,8 times)
CC-Link version	Ver.1.10/2.00
External dimensions	
Mass	
Standard Price	

Contact

TOYODENKI SEIZO K.K.
TEL : +81-3-3535-0652
<URL> http://www.toyodenki.co.jp/en/index.html

TOYODENKI SEIZO K.K | CC-Link | Inverter・Servo systems

VF64 TOYO INTELLIGENT INVERTER VF64-□□□□□

TOYODENKI VF64 INVERTER CAN REALIZE YOUR IDEA 100%

Features

- VF64 has 3 kinds of control system.
  (1)Seed sensorless vector controlled system
  (2)Vector conrolled system with speed sensor
  (3)V/f control
- Hybrid type vector control of TOYODENKI's original technic.
- Auto-tuning system of TOYODENKI's original technic.
- Actualizing high-level torque response and speed response power (vector control).
- CC-Link communication is possible by putting on an exclusive option card.

Station type	Remove device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

TOYODENKI SEIZO K.K.
TEL : +81-3-3535-0652

Toshiba Schneider Inverter Corporation | CC-Link | Inverter・Servo systems

Compact TOSVERT VF-S11 CCL002Z

TOSVERT VF-S11 is the easy-to-use inverter for a variety of machines and facilities.

Features

- Compatible with CC-Link Ver.1.10 by installing a built-in option.
- 1Hz-200% starting torque, maximum applicable capacity: 15kW
- The built-in noise filter of 1ph-200V and 3ph-400V input models complies with the EU EMC Directive.
- Side-by-side installation is possible.
- Monitors the expected replacement period of spare parts and outputs an alarm to serve as a rough guideline.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	64.75×64(mm)
Mass	About 40g
Standard Price	お問い合わせ下さい

Contact

Toshiba Industrial Products Sales Dalian Corporation
Room No.716,7th floor,International Commercial Mansion,No.201,the 4th Huanghai Road(west),Free Trade Zone, Dalian,116600, CHINA
TEL : +86-411-87547000
<URL> http://www.inverter.co.jp/index_e.htm
<URL> http://www.inverter.co.jp/product/inv/idx_vfs11_e.asp
<URL> http://www.inverter.co.jp/product/inv/idx_option_e.asp?SERIES=S11

High Performance TOSVERT VF-AS1 CCL001Z1

TOSVERT VF-AS1 has outstanding Performance, including high torque, fast response, high accuracy and excellent environmental compatibility with easy operation.

Features

- Compatible with CC-Link Ver.1.10 by installing a built-in option.
- The built-in noise filter/DCL reduces high frequency noise/harmonic wave.
- EASY key and 8 basic parameters.
- 0.3Hz-200% start torque, 500kW highest in the 400V class.
- My function, speed/torque control with a sensor, and RS485 communication incorporated.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

Toshiba Industrial Products Sales Dalian Corporation
Room No.716,7th floor,International Commercial Mansion,No.201,the 4th Huanghai Road(west),Free Trade Zone, Dalian,116600, CHINA
TEL : +86-411-87547000
<URL> http://www.inverter.co.jp/index_e.htm
<URL> http://www.inverter.co.jp/product/inv/idx_vfas1_e.asp
<URL> http://www.inverter.co.jp/product/inv/idx_option_e.asp?SERIES=AS1

High Performance Inverter TOSVERT VF-AS1

Flexible adaptation.
Noise reduced. Harmonic wave suppressed. Simplified parameter settings. High torque compatible. Environment-friendly. To respond to these demands, VF-AS1 has been developed.

Features

- Compatible with CC-Link Ver.1.10 by installing a built-in option.
- The built-in noise filter/DCL reduces high frequency noise/harmonic wave.
- EASY key and 8 basic parameters.
- 0.3Hz-200% start torque, 500kW highest in the 400V class.
- My function, speed/torque control with a sensor, and RS485 communication incorporated.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

Toshiba Industrial Products Sales Dalian Corporation
Room No.716,7th floor,International Commercial Mansion,No.201,the 4th Huanghai Road(west),Free Trade Zone, Dalian,116600, CHINA
TEL : +86-411-87547000
<URL> http://www.inverter.co.jp/
<URL> http://www.inverter.co.jp/product/inv/idx_vfas1_e.asp
<URL> http://www.inverter.co.jp/product/inv/idx_option_e.asp?SERIES=AS1

TOSHIBA MACHINE CO., LTD. | CC-Link | Inverter・Servo systems

NCBOY-120 (VLNBX)

NCBOY-120 is a single axis positioner with built-in servo amplifier. Specifications of CC-Link, DeviceNet and RS485 are simplified, making connection with PLC easy.

Features

- With a built-in X series servo amplifier, a compact system with minimal wiring can be configured.
- Allowing connecting with various FA devices, high level servo function can be realized.
- Number of control axis: One.
- Placing emphasis on compatibility with the NCBOY series that has been used, it is designed considering the migration of NC programs and sequence program.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

TOSHIBA MACHINE CO., LTD. | CC-Link | Inverter・Servo systems

NCBOY-80(VLPSX)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

HA-680CL Series AC Servo Driver

HA-680CL Series are a driver dedicated for an actuator manufactured by us combining a speed reducer Harmonic Drive for precision control with AC servo motor. They are equipped with many functions to demonstrate the maximum performance of the actuator.

Features

- Small and compact design
- Simple function settings by PC
- Main circuit power source and the control circuit power source are separated
- Electronic gear function suitable for mechanical system
- Supports our following actuators
- FHA mini series, RSF supermini series

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

Harmonic Drive Systems.Inc | CC-Link | Inverter・Servo systems

HA-800C Series AC Servo Driver

HA-800C Series AC Servo Driver HA-800C Series are a driver dedicated for an actuator manufactured by us combining a speed reducer Harmonic

Features

- With original control theory, setting time for positioning is shortened by 1/2
- Auto-tuning function installed
- Main circuit power source and the control circuit power source are separated
- Extensive dedicated software

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

Hitachi Industrial Equipment Systems Co.,Ltd. | CC-Link | Inverter・Servo systems

General-purpose Inverter: SJ700 Series

The line-up is greatly expanded according to purposes and applications! This user-friendly design inverter is easy, powerful and high-performance, while taking environment into account.

Features

- More powerful! Powerful operation with high starting torque of 200% or greater at 0.3 Hz! Smooth operation realized with simple adjustment.
- Programming function! Simple sequence operation is realized by downloading the program to an inverter! Upper devices can be simplified!
- Cost reduction is realized with built-in external circuit! With built-in noise filter and regenerative braking circuit (up to 22 kW), space and cost reduction are realized.
- Design lifetime of 10 years is realized! Maintenance is easy! From maintenance to replacing the existing models can be done easily by long life time components and lifetime warning function.
- Environmental friendly! Strong! A global product conforms to EU RoHS Directives. Vanish coating for internal board and plating on copper bars are standard.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

Hitachi Industrial Equipment Systems Co.,Ltd. | CC-Link | Inverter・Servo systems

General-purpose Inverter: WJ200 Series

Pursuit of industry-leading levels of performance and ease of use. A compact size high performance inverter that satisfies various needs.

Features

- Pursuit of industry-leading levels of performance: Performance is greatly enhanced by installing a simple positioning control (when feedback signal is used) and induction motor & permanent magnetic motor control (corresponds more than Ver. 2.0).
- Pursuit of ease of use: Ease of use is considered by installing an easy sequence (EzSQ) programming function and a safe stop function, and adopting screw-less terminals (control circuit terminals).
- Ease of maintenance: Maintenance is also focused by realizing design life of 10 years and installing a life time warning function.
- Environmental friendliness: Only Hitachi provides standard varnish coating of internal PC board. (The low-pressure area are excluded.)
- External ports: Connectors which connect WJ-CCL (option for CC-Link), USB (Mini-B type), and RS422 (RJ45 type) are standard.
- Various versatile functions: Other functions, such as dual rating and output monitoring (2 terminals), are provided.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

Varispeed G7 Series Current Vector Control General-purpose Inverter

This fully-fledged current vector control inverter is the first general-purpose inverter in the world to adopt a three-level control system.

Features

- This inverter adopting a three-level control system is a quick solution to latent problems with 400 V-class inverters, such as surge voltage.
- The inverter with higher performance and functionality backed by full-fledged current vector control ensures powerful and highly accurate operation of various machines and equipment.
- Simply mounting an optional board makes the inverter compatible with the CC-Link.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

YASKAWA AC DRIVE High Performance Vector Control

A cutting-edge, highly efficient AC drive, positioning control without an encoder,capable of unparalleled torque characteristics, and the ability to run both induction motors and synchronous motors.

Features

- The most advanced motor drive technology runs both induction and synchronous motors.
- Combining a synchronous motor with A1000 allows for servo lock and positioning control, without the use of a motor encoder.
- Combining a synchronous motor with A1000's Energy Saving control allows for even greater efficiency.
- Visual programming features in DriveWorksEZ makes it a breeze for the user to customize the drive.
- The first terminal block with built-in memory helps save valuable set up time in the event of an application breakdown.
- All components are carefully selected for long-life performance. Maintenance Monitors indicate that parts may need replacement.

Station type	Remote Device Station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	Refer to http://www.e-mechatronics.com/en/
Mass	Refer to http://www.e-mechatronics.com/en/
Standard Price	お問合せください

Contact

安川電機(中国)有限公司
TEL : +86-21-5385-2200
<URL> http://www.e-mechatronics.com/
<URL> http://www.e-mechatronics.com

YASKAWA AC Drive V1000 Compact Vector Control

V1000 is the first in its class fully equipped with current-vector control making it even easier to optimize your applications.

Features

- The most advanced motor drive technology can run both induction motor (IM) and synchronous motors (PM),
- V1000 is the first in its class fully equipped with current vector control.
- Optional visual programming software lets you instantly customize V1000 to your application.
- Replace drives in 10 minutes thanks to a pluggable terminal board with a built-in Parameter Back-Up function.
- V1000 is the first drive in its class to come standard with safety input features compliant with EN954-1, safety category 3.
- YASKAWA has applied the most advanced thermal simulation technology to create the world's smallest compact drive.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

安川電機(中国)有限公司
TEL : +86-21-5385-2200
<URL> http://www.yaskawa.co.jp
<URL> http://www.e-mechatronics.com

Low Harmonics Regenerative Matrix Converter U1000

Much More Than an AC Drive! Next-generation Motor Drives
Do You Have Problems with AC Drives?
This sophisticated series of motor drives available only from Yaskawa eliminates the problems of standard AC drives. The U1000 tops the performance of general-purpose AC drives to further improve the performance of your facilities.

Features

- Power Regeneration to Save Energy!
  When a motor rotates, it consumes energy. When a motor is rotated, it generates energy.gy You can save energy by using regenerative energy instead of wasting it.
- Low Harmonics!
  Without peripheral devices, the input current waveform becomes sinusoidal, similar to that of a commercial power supply, so the harmonic pollution of the power supply is minimized for the protection of surrounding machinery. The available power system capacity can be increased, and the regulations on harmonics easily met.
- Compact All-in-One Unit!
  Harmonic countermeasures that were previously required to connect a converter, such as input AC reactors, harmonic filter reactors, and capacitors, are not necessary, which helps you save wiring, space, and energy costs.
- -Drives Synchronous Motors
  -Wide Product Lineup
  -Compliance with SIL3 Safety Standard
  -Commercial Power Switching

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

安川電機(中国)有限公司
TEL : +86-21-5385-2200

FRENIC Ace Series High-performance Standard Inverter

The standard inverter for the next generation, the FRENIC-Ace, can be used in almost any type of application—from fans and pumps to specialized machinery.

Features

- Built-in customizable logic functions with a maximum of 200 steps.
- Adopted dual rating, correspond to heavy load / light load mechanical equipment with One type inverter.
- Corresponds to vector control with speed sensor, applicable to winding / lifting machine requiring high precision speed / torque control.
- Corresponds to sensorless vector control of synchronous motor, contributing to further energy saving.
- Installing a dedicated optional card makes the CC-Link communication available.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver. 2.0 and Ver. 1.10
External dimensions	
Mass	
Standard Price	Please contact Fuji Electric.

Contact

Fuji Electric. Co., Ltd.
TEL : +81-3-5435-7057
<URL> http://www.fujielectric.com/
<URL> http://www.fujielectric.co.jp/products/inverter/index.html
<E-mail> drive@fujielectric.com

FRENIC-VG High Performance Vector Control Inverter

The best-performing inverter in market developed by comprehensive vector inverter technologies of Fuji Electric

Features

- It realizes the industry-leading control performance. (speed response of 600Hz, characteristics of follow-up control under impact load, suppression of uneven rotation etc.)
- The line-up features unit type and stack type, facilitating easy construction of large-capacity systems through direct parallel connection.
- The use of a stack type, dedicated design for panel installation, has resulted in reducing panel size.
- Generated loss has been reduced through the adoption of next-generation device, SiC hybrid module, and it has has reduced size and expanded the capacity of stack type 690V series.
- It is possible to use CC-Link communication only by mounting the option card.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.2.0 and Ver.1.10
External dimensions	
Mass	
Standard Price	Please contact Fuji Electric.

Contact

Fuji Electric. Co., Ltd.
TEL : +81-3-5435-7057
<URL> http://www.fujielectric.co.jp/about/sales_network/index.html
<URL> http://www.fujielectric.co.jp/products/inverter/index.html
<E-mail> drive@fujielectric.com

Fuji Electric Co., Ltd. | CC-Link | Inverter・Servo systems

FRENIC-Eco Series General-purpose Inverter

A new-type inverter with a new energy-saving operation function, aiming at further energy saving in air conditioning

Features

- Equipped with a new energy-saving operation function. Developed from the conventional control that minimizes the loss of a single motor, the optimum control, which leads to the smallest total loss for the inverter power consumption (inverter loss) and the loss of a single motor, is realized.
- The life of limited-life parts (cooling fan, condenser, etc.) is extended. (Designed life is 10 years.)
- Equipped with optimum functions for air conditioning (PID control, momentary power failure restart function, pick-up function, regenerated current avoidance control, and low water volume stop function, etc.)
- Simplified operation and maintenance.
- Installing a dedicated optional card makes the CC-Link communication available.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.2.0 and Ver.1.10
External dimensions	
Mass	
Standard Price	Please contact Fuji Electric.

Contact

Fuji Electric. Co., Ltd.
TEL : +81-3-5435-7057
<URL> http://www.fujielectric.com/
<URL> http://www.fujielectric.co.jp/products/inverter/index.html
<E-mail> drive@fujielectric.com

Fuji Electric Co., Ltd. | CC-Link | Inverter・Servo systems

FRENIC-MEGA Series High performance, multifunction Inverter

FRENIC-MEGA has been developed with unyielding standards of quality and flexibility to meet the demands of both simple and complex industrial applications. Meeting the requirements for various applicaions, achieving lower maintenance, and improved protection to environmental conditions.

Features

- Best in class vector control for general-purpose inverter improves control performance.
- Accommodating various applications
  (function of detection the abnormal braking transistor, output brake signal for mechanical braking control, customizable control logic through the built-in PLC functionality, ratio operation of the main speed, dancer control function optimized for winding control)
- Keypad with USB port allows you to check the information at any time.
- The life of limited-life parts (cooling fan, condenser, etc.) is extended. (Designed life is 10 years.)
- Installing a dedicated optional card makes the CC-Link communication available.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.2.0 and Ver.1.10
External dimensions	
Mass	
Standard Price	Please contact Fuji Electric.

Contact

Fuji Electric. Co., Ltd.
TEL : +81-3-5435-7057
<URL> http://www.fujielectric.com/
<URL> http://www.fujielectric.co.jp/products/inverter/index.html
<E-mail> drive@fujielectric.com

Fuji Electric Co., Ltd. | CC-Link | Inverter・Servo systems

FRENIC-HVAC Series Low voltage AC drives for HVAC applications

The first slim-type inverter specialized in energy-saving from Fuji Electric.
Large Contribution to Reducing Global Warming (Environmental Protection) with Energy Saving!

Features

- Optimal control with energy-saving function by Linearization function, Temperature difference constant control and pressure difference constant control, and Automatic energy-saving operation
- Functions suitable for HVAC use (4PID control, Pick-up operation function, Fire mode, Torque vector control, Real time clock, Filter clogging prevention function etc...)
- The inverter can be installed independently; no control panel is required.
- User friendly, easy to see keypad
- Installing a dedicated optional card makes the CC-Link communication available.

Station type	Remote device unit
Number of stations occupied	1 station
CC-Link version	Ver.2.0 and Ver.1.10
External dimensions	
Mass	
Standard Price	Please contact Fuji Electric.

Contact

Fuji Electric. Co., Ltd.
TEL : +81-3-5435-7057
<URL> http://www.fujielectric.com/
<URL> http://www.fujielectric.co.jp/products/inverter/index.html
<E-mail> drive@fujielectric.com

Yokogawa Electric Corporation | CC-Link | Inverter・Servo systems

Intelligent driver DrvP3

Driver dedicated to direct drive motors "DYNASERV" and "LINEARSERV".

Features

- The same operation can drive both a rotating DD motor "DYNASERV" and a linear servo motor "LINEARSERV".
- "DYNASERV" is available in a wide range of about 40 models from the resolution of 420 thousand to 4.09 million pulses per rotation and from the torque of 4 to 500 N·m.
- The "LINEARSERV" is an all-in-one type linear motor that integrates a thrust generator, a linear encoder and linear motion guide bearings in a unit.
- A support tool is available that enables easy DD motor setup, automatic tuning, oscilloscope functions and operation without motor.
- Equipped with a variety of functions such as various filters, an operation table capable of positioning operation and m:n scaling functions.

Station type	Remote device station
Number of stations occupied	1 station or 2 stations (select to set)
CC-Link version	Ver.1.10
External dimensions	500 W: 60(W)×195(H)×150(D) mm 2 kW: 100(W)×195(H)×200(D) mm 4 kW: 200(W)×195(H)×200(D) mm
Mass	500 W: 1.2 kg 2 kW: 2.5 kg 4 kW: 6.5 kg
Standard Price	お問い合わせください

Contact

Yokogawa Electric Corporation Motion Control Center
2-9-32 Naka-cho, Musashino-shi, Tokyo 180-8750, Japan
TEL : +81-422-52-8813
FAX : +81-422-52-5567
<URL> http://www.yokogawa.com/ddm/
<E-mail> ddm-global@cs.jp.yokogawa.com

ABB Robotics | CC-Link | Robot

DSQC 378 CC-Link Interface for Robot Controller

The DSQC 378 unit offers an interface between the CC-Link bus and the ABB robot controller.

Features

- All ABB robots with S4 and IRC5 controllers can be connected to the CC-Link network as a remote device station
- The robots are designed for painting, sealing, welding, handling, palletizing etc.

Station type	Remote device station
Number of stations occupied	Configurable 1-4 stations
CC-Link version	Ver 1.10
External dimensions	170 x 115 x 48mm (L x W x H)
Mass	
Standard Price	

Contact

현지법인 ABB KOREA
서울특별시 강남구 테헤란로 503(옥산빌딩)7-10F, 15F
TEL : 02-528-3131(로봇사업부:02-528-3070)

ASKA CORPORATION | CC-Link | Robot

UNI-ROBO Series Industrial Robot

A rectangular coordinates system robot for maximum ease of use

Features

- With a large payload capacity ranging from 30 Kg to 150 Kg, it is widely used such as holding a gun, holding a jig, holding a workpiece.
- High-speed with the maximum traveling speed of from 600 to 1,000 mm/sec.
- Unit type axis allows combination from one axis to four axes.
- All models can be connected to CC-Link by mounting an optional board.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

Industrial DENSO Robot "HIGH SPEED & COMPACT"

The robot with a rich lineup corresponds to your various needs (VP, VS, VM, HS, HM, XR, and XYC-4 series).

Features

- The RC7M controller achieves a high extendibility to correspond to the user's needs.
- Attaching a special option board to the extension slot enables the CC-Link slave communication function.
- When the system is connected to peripherals such as PLC, man-hours necessary for wiring are reduced, and the installation and maintenance are easy.

Station type	Remote device station
Number of stations occupied	2 to 4 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

(DENSO Agui Plant premises) 1 Yoshiike Kusagi, Agui-cho, Chita-gun, Aichi 470-2297, JAPAN
TEL : +81-569-49-5014 (direct) FAX : +81-569-49-5484
<E-mail> fa-support@denso-wave.co.jp

RC8 (Robot Controller Development Code No.8)

World's smallest controller in its class.
Communicates with over 100 different types of devices.
Easy-to-use graphical user interface.

Features

- Compact size
  Advanced functionality in a small package.Reduction of required space.
- Further enhancing ease of use
  Improved functionality coupled with an intuitive interface.User-friendliness is a top priority.
- Compliance with global standards
  Conforms to Safety Requirements for Industrial Robots.Can be deployed anywhere in the world.
- Improved expandability
  Connect to and control a wide range of outside devices. Customize the controller to your needs.

Station type	Remote device station
Number of stations occupied	2 to 4 stations
CC-Link version	Ver.1.10/Ver.2.00
External dimensions	
Mass	
Standard Price	

Contact

(DENSO Agui Plant premises) 1 Yoshiike Kusagi, Agui-cho, Chita-gun, Aichi 470-2297, JAPAN
TEL : +81-569-49-5014 (direct) FAX : +81-569-49-5484
<URL> http://www.densorobotics.com
<E-mail> fa-support@denso-wave.co.jp

FANUC LTD.

CC-Link | Robot

FANUC Robot i Series - Making Plants Intelligent, Robotized, and Networked for the 21st Century

The FANUC robot i series is a highly reliable intelligent robot controlled by the high-performance robot controller full of intelligent functions.

Features

- The robot controllers R-30iA and R-30iA Mate support a CC-Link communication function (slave) as an option.
  This function provides communication complying with the CC-Link (Ver. 1.10).
- With the CC-Link communication function (slave), a robot, as a remote device station, can be connected to and communicate with a PLC.

Station type	Remote device station
Number of stations occupied	1 and 4 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

Hirata Corporation

CC-Link | Robot

HNC-96 Series Robot Controller

An ultra lightweight, compact body with no servo amplifier inside.
In addition to this, the type with built-in servo amplifier is prepared as standard.

Features

- This is a simple, easy-to-use controller considering PLC control. To reduce wiring for PLCs, it is compatible with the CC-Link, etc.
- Robots can also be controlled from a PC via the RS-232C.
- A wide variety of motion patterns, including insertion/takeout and path PTP, can be set only with a single code.
- A controller is capable of controlling up to nine axes of a total of four robots as a multi-robot.
- A high-speed serial link is used to connect the controller to a servo amplifier, realizing wire saving.
- The controller weighs only 1.5 kg and measures just 80 mm x 110 mm x 240 mm.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	80×110×240 mm
Mass	1.5 kg
Standard Price	

Contact

XSEL - Program Controller for Single Axis, Liner, Orthogonal Axis, and Scara Robots

The multi-axis program controller capable of controlling up to 6 axes

Features

- ●Provides high-performance while realizing simple settings by SEL language
- ●Capable of positioning up to 20,000 points
- ●Up to 128 programs available
- ●Up to 9,999 program steps available

Station type	Remote device station
Number of stations occupied	3 stations at the maximum
CC-Link version	Ver 1.10
External dimensions	
Mass	
Standard Price	

Contact

IAI Corporation
TEL : +81-54-364-5105
FAX : +81-54-364-2589
<URL> http://www.iai-robot.co.jp
<E-mail>shanghai@iai-robot.com

ACON-CA ／ DCON-CA

ロボシリンダ用ポジションコントローラ ACON-CA
ミニシリンダ用ポジションコントローラ DCON-CA

Features

- ●新機能搭載(オフボードチューニング機能)により、サイクルタイムの短縮と使い勝手が向上(ACON-CA)
- ●ミニシリンダで512点の多点位置決めが可能(DCON-CA)
- ●走行距離積算機能によりメンテナンスのタイミング確認が可能(ACON-CA ／ DCON-CA)
- ●カレンダ機能によりアラームの発生時刻の保持が可能(ACON-CA ／ DCON-CA)
- ●フィールドネットワークタイプの充実

Station type	リモートデバイス局
Number of stations occupied	リモートデバイス局 1、2、4局
CC-Link version	Ver1.10
External dimensions	お問合せください
Mass	お問合せください
Standard Price	お問合せください

Contact

IAI Corp.
TEL : 054-364-5105
<URL> http://www.iai-robot.co.jp
<URL> http://www.iai-robot.co.jp/product/new/new_acon-ca_131227.html
<E-mail> info@iai-robot.co.jp

Field Network Controllers ROBO Cyclinder Position Controller PowerCON 150 "PCON-CA" ROBO Cyclinder Position Controller High-thrust Motor Type "PCON-CFA"

ROBO Cyclinder Position Controller PowerCON "PCON-CA" and ROBO Cylinder Position controller "PCON-CFA support Field Networks

Features

- Supporting seven major field networks
- PCON-CFA for high-thrust motors

Station type	Remote device station
Number of stations occupied	Remote I/O mode 1.2.4 station
CC-Link version	V1.10
External dimensions	
Mass	
Standard Price	PCON-CA:¥26000 ~¥36000 PCON-CFA : ¥39500

Contact

IAI Corporation
TEL : +81-54-364-5105
<URL> http://www.iai-robot.co.jp
<URL> http://www.iai-robot.co.jp/product/new/new_pcon-ca_cfa_120727.html
<E-mail> info@iai-robot.co.jp

MSEP controller

Position Controller for ROBO Cylinder SEP series 8-axis Type MSEP

Features

- Compact Design
- Supports major field networks
- Supports both the pulse motor and the servo motor
- Simple absolute option
- Checking when to maintain based on the total number of movements and total distance travelled
- Recording the alarm occurrence time with the calendar function

Station type	Remote device station
Number of stations occupied	Remote device 1-4 station
CC-Link version	V1.10 or V2.00
External dimensions	
Mass	
Standard Price	

Contact

IAI Corporation
TEL : +81-54-364-5105
<URL> http://www.iai-robot.co.jp/index.html
<URL> http://www.iai-robot.co.jp/product/new/new_msep_111125.html
<E-mail> info@iai-robot.co.jp

PCON/ACON/SCON - Position Controllers for ROBO Cylinder

Position controllers for the electronic cylinder "ROBO Cylinder"

Features

- Just set positions to perform positioning. No program is necessary
- PCON and ACON are capable of positioning up to 768 points and SCON up to 512 points
- PCON and ACON allow the user to directly specify a position number. A variety of actuators can be used, such as rod, slider, table, gripper, and rotary types
- アクチュエータはロッドタイプ、スライダタイプ、テーブルタイプ、グリッパー、ロータリーなど豊富な品揃え

Station type	Remote I/O station , Remote device station
Number of stations occupied	SCON:Remote I/O 1 station, PCON/ACON:Remote device 4 stations at the maximum
CC-Link version	Ver 1.10
External dimensions	
Mass	
Standard Price	PCON:¥26,000 ACON:¥36,000 SCON:¥69,000 ～ ¥95,300

Contact

IAI Corporation
TEL : +81-54-364-5105
FAX : +81-54-364-2589
<URL> http://www.iai-robot.co.jp
<E-mail> shanghai@iai-robot.com

PSEL/ASEL/SSEL - Program Controllers for ROBO Cylinder

Program controllers for the electronic cylinder "ROBO Cylinder"

Features

- With SEL programs, the controllers can be operated without PLCs.
- Capable of positioning up to 1,500 points
- A variety of actuators can be used, such as rod, slider, table, gripper, and rotary types

Station type	Remote device station
Number of stations occupied	3 stations at the maximum
CC-Link version	Ver 1.10
External dimensions	
Mass	
Standard Price	PSEL 1軸：¥64,000 ASELインクリ1軸：¥65,000 ASELアブソ1軸：¥66,300 PSEL 2軸：¥86,000 ASELインクリ2軸：¥115,000 ASELアブソ2軸：¥117,600 SSELの価格はお問い合わせください

Contact

IAI Corporation
TEL : +81-54-364-5105
FAX : +81-54-364-2589
<URL> http://www.iai-robot.co.jp
<E-mail> shanghai@iai-robot.com

ROBONET - Field Network Dedicated Controller for ROBO Cylinder

The more space and wire-saving controller exclusively for networks

Features

- ●A compact design of width 34mm x height 100mm x depth 73mm
- ●Capable of positioning up to 768 points
- ●Allows directly specifying a position number
- ●Only a single communication unit is needed to control 16 axes

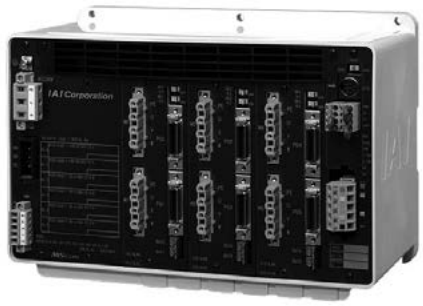
Station type	Remote device station
Number of stations occupied	4 stations at the maximum
CC-Link version	Ver 2.0
External dimensions	
Mass	
Standard Price	CC-Link用通信ユニット RGW-CC ¥30,000 RCP2シリーズ用コントローラ RPCON ¥12,000 RCAシリーズ用コントローラ RACON¥14,000

Contact

IAI Corporation
TEL : +81-54-364-5105
FAX : +81-54-364-2589
<URL> http://www.iai-robot.co.jp
<E-mail> shanghai@iai-robot.com

ROBO Cylinder Position Controller SCON Series, 6-axis Type MSCON

Combining six RCS2/RCS3 position controllers into one unit
Space-saving, low-cost dedicated network multi-axis controller



Features

- ●Space-saving, low-cost, and easy to use
- ●Movement by numerical specification via Field network
  Substantially shorter transmission time
- ●Offboard tuning function to enhance actuator payload capacity
- ●Vibration control function for shorter cycle time

Station type	Remote device station
Number of stations occupied	4 stations max. to occupy
CC-Link version	Ver1.1 or Ver2
External dimensions	225W×154H×115D
Mass	Incremental specification:1900g Absolute specification:2000g
Standard Price	お問合せください

Contact

IAI Corp.
TEL : 054-364-5105
<E-mail> info@iai-robot.co.jp

ROBO Cylinder® with Built-in Controller ERC3 series Gateway unit RCM-EGW

The ERC3 gateway unit lets you connect up to four ERC3 actuators to implement the gateway function. The gateway unit connects to a PLC or other host control system via a field network. It supports seven network protocols
(CC-Link, DeviceNet, PROFIBUS-DP, MECHATROLINK-II, CompoNet, EtherCAT, EtherNet/IP).

Features

- Use the position adjustment switches on the front panel to jog the actuator
- The brake release switch for each axis is provided on the front panel

Station type	Remote device station
Number of stations occupied	4 stations max to occupy
CC-Link version	Ver1.1 or Ver2
External dimensions	35W×140H×105D
Mass	about 220g
Standard Price	お問合せください。

Contact

IAI Corp.
TEL : 054-364-5105
<URL> http://www.iai-robot.co.jp
<URL> http://www.iai-robot.co.jp/product/new/new_erc3_111013.html
<E-mail> info@iai-robot.co.jp

SCON-CA- Position Controllers for ROBO Cylinder RCS2/RCS3 and Single-axis Robot and Linear Servo Actuator

Position controllers for the electronic cylinder "ROBO Cylinder RCS2/RCS3 series and Single-axis Robot and Linear Servo Actuator"

Features

- Increasing the actuator's load capacity with offboard tuning
- Supporting major field networks
- A vibration control function has een added that suppresses vibration of the work part installed on the slider when the actuator's slider moves
- The RCS2-RA13R comes with a force control function that allows for accurate fush-motion operation by feeding back the push force using the dedicated load cell fitted on the actuator
- Checking when to maintain based on the total number of movements and total distance travelled
- Keeping the alarm generation times with the calendar function

Station type	Remote device station
Number of stations occupied	Remote device 1 - 4 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

IAI Corporation
TEL : +81-54-364-5105
<URL> http://www.iai-robot.co.jp/
<URL> http://www.iai-robot.co.jp/product/new/new_scon-ca_111109.html
<E-mail> info@iai-robot.co.jp

Table top type TTAseries

セル生産の現場などで活躍する卓上型ロボット TTAシリーズ

Features

●可搬質量：X軸 20Kg Z軸5kg
最高速度：X軸・Y軸 800mm/s Z軸 400mm/s
プログラム数：255個
ポジション数：30,000点

●豊富なバリエーション
動作範囲は4タイプから選択可能です。

●Y軸ベース・取付ブラケット一体構造で曲げ剛性アップ

●X軸への異物侵入を抑えるラビリンス構造

Station type	リモートデバイス局
Number of stations occupied	リモートデバイス局 1 ～ 3局
CC-Link version	Ver1.10
External dimensions	-
Mass	-
Standard Price	お問合せください。

Contact

IAI Corp.
TEL：054-364-5105
<URL> http://www.iai-robot.co.jp
<URL> http://www.iai-robot.co.jp/product/new/new_tta_131011.html
<E-mail> info@iai-robot.co.jp

SCON-CAL

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

IAI Corp.
TEL：054-364-5105
<E-mail> info@iai-robot.co.jp

Kawasaki Robot Z Series, F Series Industrial Robot

Our type D and E controller can be connected to the robot as a remote device station.

Features

- The controller of all the application (welding, paint, handling, assembly) can connect to CC-Link.
- The robot is also available as a remote input/output device for peripheral units other than robots.
- Sequence control is programmable using a robot language.

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

川崎機器人(天津)有限公司
TEL&FAX : 022-59831888
天津経済技術開発区第五大街41号C区1層9号 〒300457
<URL> http://www.khi.co.jp/
<URL> http://www.khi.co.jp/robot/

RP, RV-A, RH-A, RV-T Robot for Industrial Use

With upgraded network functions, this robot offers diversified systems.

Features

- A 64-bit RISC processor helps the robot move at high speed and with a high degree of accuracy and locus. Appropriate functions are available for each operation.
- Communication via the CC-Link can be established simply by inserting a CC-Link card in the option slot.
- You can easily access any device connected to the CC-Link by means of a robot-dedicated language (MELFA BASIC).

Station type	Intelligent device station
Number of stations occupied	1 to 4 stations
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://kr.mitsubishielectric.com/fa/ko/

HYUNDAI HEAVY INDUSTRIES CO., LTD | CC-Link | Robot

Hi5 Robot Controller

Robot controller

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	W700 X H900 X D630
Mass	Hi5a-S00 : 131[kg], Hi5a-S30 : 120[kg]
Standard Price	

Contact

제조사 현대로보틱스(주)
대구 달성군 유가면 테크노순환로3길 50
TEL : 053-670-7114

HYUNDAI HEAVY INDUSTRIES CO., LTD | CC-Link | Robot

Robot:HX165, Controller:HI4 Controller

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

HYUNDAI HEAVY INDUSTRIES CO.,LTD.
TEL : +82-31-289-5307
제조사현대중공업㈜
울산광역시 동구 방어진순환도로 1000
TEL : 052-203-6114
<URL> http://hyundai-robotics.com

CC-Link Option board2

CC-Link Option board2 as the Robostar controller of the Option Card provides more advanced network communications capabilities.

Features

- The robot controllers RCQ Series support a CC-Link communication function (slave) as an option
- Attaching a special option board to the extension slot enables the CC-Link slave communication function.
- Communication Rate : 10M/5M/2.5M/625k/156kbps
- Maximum Occupied station : 4 Sataion
- Number of Stations : Max. 64 Station
- Maximum Transfer range : 100M

Station type	Remote Device Station
Number of stations occupied	4 station
CC-Link version	Ver.1.10
External dimensions	200 X 155 X 1.6 [mm]
Mass	
Standard Price	

Contact

ROBOSTAR Co.,Ltd.
119-38,Sasa-dong, Sangrok-gu, Ansan-si, Gyeonggi-do, Korea
TEL : +82-31-400-3600
제조사㈜ 로보스타
경기도 안산시 상록구 수인로 700
TEL : 031-400-3665
<URL> http://www.robostar.com/

PCI CC-Link Option Card

PCI CC-LINK as the Robostar controller of the Option Card provides more advanced network communications capabilities.

Features

- The robot controllers CX7 and RTC support a CC-Link communication function (slave) as an option
- Attaching a special option board to the extension slot enables the CC-Link slave communication function.
- Communication Rate : 10M/5M/2.5M/625k/156kbps
- Maximum Occupied station : 4 Sataion
- Number of Stations : Max. 64 Station
- Maximum Transfer range : 100M

Station type	Remote Device Station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	134.7 X 106.7 X 1.6
Mass	
Standard Price	

Contact

ROBOSTAR Co.,Ltd.
119-38,Sasa-dong, Sangrok-gu, Ansan-si, Gyeonggi-do, Korea
TEL : +82-31-400-3600
제조사㈜ 로보스타
경기도 안산시 상록구 수인로 700
TEL : 031-400-3665
<URL> http://www.robostar.com

Robostar Co., Ltd | CC-Link | Robot

RCS CC-Link Option Card

CC-Link Option Card is AC 1-axis controller's CC-Link field network system that is responsible for the communication option board PC, PLC on the CC-Link network can perform communication

Features

- ●Accurate position, speed control Robot
- ●EAI RS485 standard to conform to the CC-Link Interface
- ●Communication Rate : 10M/5M/2.5M/625k/156kbps
- ●Maximum Occupied station : 4 Sataion
- ●Number of Stations : Max. 64 Station
- ●Maximum Transfer range : 100M

Station type	Local
Number of stations occupied	4 station
CC-Link version	Ver.1.10
External dimensions	73 x 178 x 133.7
Mass	1.2 ~ 1.5
Standard Price	

Contact

ROBOSTAR Co.,Ltd.
119-38,Sasa-dong, Sangrok-gu, Ansan-si, Gyeonggi-do, Korea
TEL : +82-31-400-3665 FAX : +82-31-419-4245
제조사㈜ 로보스타
경기도 안산시 상록구 수인로 700
TEL : 031-400-3665
<URL> http://www.robostar.com/

YAMAHA MOTOR CO.,LTD IM Operations | CC-Link | Robot

ERCX/DRCX Series Robot Controller

A CC-Link-compatible controller for YAMAHA single-axis and orthogonal robots.

Features

- ●A complete absolute system makes the home position return of robots no longer necessary.
- ●I/O devices connected to the parallel I/O ports of the controller, such as sensors, can be controlled from the sequencer without using any program.
- ●According to the motor output, the optimum driver model can be selected for each motor.
- ●The optimum gain and acceleration/deceleration can be automatically set simply by entering the mass of the object to be conveyed at the mass parameter.
- ●Even beginners can program the controller with ease because of BASIC-like commands.
  By only teaching points and then giving I/O move commands from the sequencer, the controller can be used without any program.
- ●A multitask function permits input/output control while a robot is moving.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	Ver. 1.10
External dimensions	ERCX: 30(W) × 250(H) × 157(D) mm DRCX: 100(W) × 250(H) × 157(D) mm
Mass	ERCX: 0.9 kg, DRCX: 2.1 kg
Standard Price	¥100,000(ERCX-CC)より, 詳細はお問い合わせください

Contact

YAMAHA MOTOR CO.,LTD
IM Operation Robot Business Division
TEL : +81-53-460-6602
<URL> http://www.yamaha-motor.jp/robot/controller/index.html
<E-mail> robotn@yamaha-motor.co.jp

RCX222/RCX221 YAMAHA Robot Controller

Highly functional two-axes controller to fulfill full function of Yamaha robots

RCX222 RCX221

Features

- Complete absolute as the standard specifications
- Variable control such as capable of interpolation control of circular arcs, area check output function, and torque limiting drive
- Compact despite equipped multi-functional and two-axes controller

Station type	Remote device station
Number of stations occupied	1 to 61
CC-Link version	Ver. 1.10
External dimensions	W130×H210×D158 [mm]
Mass	2.9Kg
Standard Price	お問い合わせください

Contact

YAMAHA MOTOR CO.,LTD
IM Operation Robot Business Division
TEL : +81-53-460-6602
<URL> http://www.yamaha-motor.jp/robot/controller/index.html
<E-mail> robotn@yamaha-motor.co.jp

YAMAHA MOTOR CO.,LTD IM Operations | CC-Link | Robot

RCX240 YAMAHA Robot Controller

An advanced multi-axial controller. Along with a full range functions,great engineering also makes extremely easy to use.

RCX240

Features

- Complete absoltute as tha standard specifications
- Simultaneous control of linear motor axis robot and rotating motor axis robot
- Variable control such as interpolation in 3D,area check output,torquelimiting drive,dual-synchronous drive,and malutitasking.
- Supports a full range of options
- パラレル入出力ボード、ネットワークボード、ビジョンボード等豊富なオプション対応。

Station type	remote device station
Number of stations occupied	4
CC-Link version	Ver.1.10
External dimensions	W180×H250×D235 [mm]
Mass	6.5Kg
Standard Price	お問い合わせ下さい

Contact

YAMAHA MOTOR CO.,LTD
IM Operation Robot Business Division
TEL : +81-53-460-6602
<URL> http://www.yamaha-motor.co.jp/
<URL> http://www.yamaha-motor.jp/robot/controller/index.html
<E-mail> Rrobotn@yamaha-motor.Co.Jp

SR1-P/SR1-X YAMAHA Robot Controller

Compact highly-functional and advanced single-axis controller

Features

- High performance type single-axis controller with simple robot language, multi task, communication, and use of the field bus
- Supports diverse operating methods includeing program operation, point tarace, and movement to specified coordinates, etc.
- Compact design which height is made the same as the new type 2-axis controller RCX/222

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	Ver. 1.10
External dimensions	W74×H210×D146 [mm]
Mass	1.5kg
Standard Price	お問い合わせください

Contact

YAMAHA MOTOR CO.,LTD
IM Operation Robot Business Division
TEL : +81-53-460-6602
<URL> http://www.yamaha-motor.jp/robot/controller/index.html
<E-mail> robotn@yamaha-motor.co.jp

TS-S/TS-X/TS-P YAMAHA Robot positioner

Positioner type controller that only perfoms point trace.No program is needed.

Features

- After setting point data,specify the point number and enter a START signal from host controller such as a PLC.
- Many operation patterns
- Maximum acceleration suto setting
- Full range of monitor function

Station type	remote device station
Number of stations occupied	1
CC-Link version	Ver.1.10
External dimensions	TSS:W30×H102×D131 [mm] TS-X/P:W58×H102×D131 [mm]
Mass	TSS: 0.2Kg TS-X/p:0.9Kg
Standard Price	お問い合わせ下さい

Contact

YAMAHA MOTOR CO.,LTD
IM Operation Robot Business Division
TEL : +81-53-460-6602
<URL> http://www.yamaha-motor.co.jp/
<URL> http://www.yamaha-motor.jp/robot/controller/index.html
<E-mail> Rrobotn@yamaha-motor.co.jp

MOTOMAN

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Shougang MOTOMAN Robot Co. Ltd.
TEL : +86-10-67882858

ID system control module / low cost tag ver. BIS M-689-001

BIS M support ISO15693. Cost effective data carriers reduces initial introduction cost.

Features

- High data integrity:Transmitted data is assured by inductive coupling method and special checking software.
- 2-channel specification: Allows to connect two ID antennas for parallel processing.
- With an in-zone signal output function: Checks that the ID tag is within the area of communication.
- With a write protect function: Prevents unintentional overwriting to protect data.
- Connecting up to 16 modules: One master module can connect up to 16 modules.
- +COM type also available. Model number BIS M-689-001X (Antenna case is connected to +COM)

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	190(W)×100(H)×40(D) mm
Mass	750 g
Standard Price	

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp
<E-mail> b-plus@b-plus-kk.jp

B & PLUS K. K. | CC-Link | Barcode・ID

ID system control module / low cost tag ver. BIS M-689-002

BIS M support ISO15693. Cost effective data carriers reduces initial introduction cost.

Features

- High data integrity:Transmitted data is assured by inductive coupling method and special checking software.
- 2-channel specification: Allows to connect two ID antennas for parallel processing.
- With an in-zone signal output function: Checks that the ID tag is within the area of communication.
- With a write protect function: Prevents unintentional overwriting to protect data.
- Connecting up to 16 modules: One master module can connect up to 16 modules.
- Interchangeable with commands for Mitsubishi Electric's AJ65BT-D35ID2.
- +COM type also available. Model number BIS M-689-002X (Antenna case is connected to +COM)

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	190(W)×100(H)×40(D) mm
Mass	750 g
Standard Price	

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp
<E-mail> b-plus@b-plus-kk.jp

RFID system Processor / Z4-C001

Comply with ISO 15693 standard. Cost effective Data carriers reduces initial introduction cost.

Features

●High data integrity
Transmitted data is assured by inductive coupling method and special checking algorithms.

●2-channel specification
Allows to connect two R/W heads for parallel processing.

●In zone signal output function
Checks that the Data carrier is in the communication area of a R/W head.

●Write protect function
Prevents unintentional overwriting to protect data.

●Connecting up to 16 units
One Master unit can connect up to 16 units.

Station type	Remote deveice station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	190(W) x 100(H) x 40(D)
Mass	800g
Standard Price	

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp
<E-mail> b-plus@b-plus-kk.jp

B & PLUS K. K. | CC-Link | Barcode・ID

RFID system Processor / Z4-C002

Comply with ISO 15693 standard. Interchangeable with commands for Mitsubishi Electric's ID interface unit reduces initial introduction cost. Cost effective Data carriers are available.

Features

●High data intergrity
Transmitted data is assured by inductive coupling method and special checking algorithms.

●2-channel specification
Allows to connect two R/W heads for parallel processing.

●In zone signal output function
Checks that Data carrier is in the communication are of a R/W head.

●Write protect function
Prevents unintentional overwriting to protect data.

●Connecting up to 16 units
One Master unit can connect up to 16 units.

●Interchangeable with commands for Mitsubishi Electric's AJ65BT-D35ID2.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	190(W) x 100(H) x 40(D)
Mass	800g
Standard Price	

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp
<E-mail> b-plus@b-plus-kk.jp

RFID system Processor / S4-C001

Ensure a reliable data-exchange between material flow and process data in all areas of manufacturing where material are being moved.

Features

- ●High-speed data transmission.
  Save a reading or writing time by high-speed data transmission.
- ●2-channels specification
  Allows to connect two R/W heads for parallel processing.
- ●In zone signal output function
  Checks that Data carrier is in the communication area of a R/W head.
- ●Write protect function
  Prevents unintentional overwriting to protect data.
- ●Connecting up to 16 units
  One Master unit can connect up to 16 units.
- ●High data intergrity
  Transmitted data is assured by inductive coupling method and special checking algorithms.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10
External dimensions	190(W) x 100(H) x 40(D)
Mass	800g
Standard Price	

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp
<E-mail> b-plus@b-plus-kk.jp

ID system processor / Basic type BIS C-489-1_-KBT02

Sure data communications and various sizes of ID tags make it applicable to a variety of tasks such as controlling tools, pallets and processes.

Features

- ●Various code tags of BIS C series can be used Size phi 9mm miniature code tag to 80x40x22mm Memory capacitance up to 8k byte
- ●Data transmission is simultaneously performed on two channels
- ●In zone signal is output when a data carrier is in the communication area of an antenna
- ●Write protect function prevent rewriting carelessly
- ●Up to 16 units can connect to a master unit
- ●Transmitted data is assured by inductive coupling method and special checking algorithms.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	190(W)×100(H)×40(D) mm
Mass	750 g
Standard Price	

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp
<E-mail> b-plus@b-plus-kk.jp

B & PLUS K. K.

CC-Link | Barcode・ID

ID system processor / Basic type BIS S-404-30-KBT01

BIS ensures a reliable data-exchange between material flow and data processing in all areas of manufacturing where materials are being moved.

Features

- High-speed data transmission.
- Data transmission is simultaneously performed on two channels.
- In zone signal is output when a data carrier is in the communication area of an antenna
- Write protect function prevent rewriting carelessly
- Up to 16 units can connect to a master unit
- Transmitted data is assured by inductive coupling method and special checking algorithms.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	190(W)×100(H)×40(D) mm
Mass	750 g
Standard Price	

Contact

B&PLUS K.K.
TEL : +81-(0)493-65-1688
<URL> http://www.b-plus-kk.jp
<E-mail> b-plus@b-plus-kk.jp

KEYENCE CORPORATION

CC-Link | Barcode・ID

CC-Link Compatible Network Controller NX-50CL

A network controller NX-50CL allows devices incorporating automatic identification function to be used in a network.

Features

- Code readers and RFID systems can be installed on CC-Link.
- Communication stability of automatic identification devices is visually recognizable in numerical values. This achieves higher efficiency.
- Barcodes,2Dcodes,and RFIDs can be installed together in a single system.
- Automatic identification function is available for IC tags. This optimizes communication characteristics.
- System integration software is provided. Manage multiple devices with one application.

Station type	Remote device station
Number of stations occupied	2 to 4 stations
CC-Link version	Ver. 2.00
External dimensions	95(W)×95(W)×78.7(D)mm
Mass	Approx. 300 g
Standard Price	お問い合わせください

Contact

<URL> http://www.keyence.co.jp
<URL> http://www.keyence.co.jp/barcode/syuhenkiki/nx_50/
<E-mail> info@keyence.co.jp

RS-232 Interface Module AJ65BT-R2N

Non procedural data communication is available using an RS-232 cable.

Features

- Start-up and adjustment possible by the side of the device: You can use GX Developer, which is MELSEC programming software, as well as GOT to make connection and to perform online operation. This enhances the work efficiency of debugging and maintenance.
- Compatible with the transmission speed of 38400 bps
- Easy setting for multiple connections: Sequence programming becomes much easier, enhancing the efficiency of program development.

Station type	Intelligent device station
Number of stations occupied	1 station
CC-Link version	Ver. 1
External dimensions	80(H)×170(W)×47(D)[mm]
Mass	0.4 kg
Standard Price	90,000円

Contact

현지법인　한국미쓰비시전기오토메이션(주)
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-833
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Barcode・ID

RF-RW103, RF-RW104

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

RF-RW101

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

CC-Link compatible ECL2-V680D1 RFID Interface Unit

Features

●ECL2-V680D1 applies to the remote device station of CC-Link and can relate CC-Link to a V680 series RFID system of OMRON.
ECL2-V680D1 is placed at the remote position from the CC-Link master station to up to 1200m.

●ECL2-V680D1 has a function for maintenance to show below,
[Communication test]
ECL2-V680D1 checks communication conditions between an antenna and an ID tag for a setup and maintenance.
[Distance level measurement]
ECL2-V680D1 measures a distance level between an antenna and the ID tag.

●ECL2-V680D1 supports iQSS (iQ Sensor Solution) which Mitsubishi Electric proposes. The enginner can operate a function for maintenance of ECL2-V680D1 with GX Works2 which is Mitsubishi Electric MELSOFT, and can confirm the conditions such as an ON/OFF signal or device data controlling this product easily.
Furthermore, can shorten the work period that development and debugging and the setup of the system take.

●The FB (function block) library which attracted the sequence programs such as the reading or writing of the ID tag of parameter setting and data, is offered, and can develop a control program easily by using these FB libraries.

Station type	Remote Device Station
Number of stations occupied	2 stations / 4 stations
CC-Link version	Ver.1.1 , Ver.2.0
External dimensions	150 x 65 x 45 [mm] (except the connection antenna cable)
Mass	0.3kg
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-568-36-2068 (Tech support)

RFID protocol converter TCPRO-RFCV

RFID system can be readily provided in the FA environment!
A sequencer can be readily connected with RFID reading/writing unit!

Features

- Easy connection:
  As the device can be easily connected with MELSEC CC-Link, RFID systems can be readily constructed.
- Compatibility with multiple frequencies:
  The device can be connected with reading/writing unit for every frequency band with the use of the internal switches.
- From beginners to professionals: The device can read or write a single tag by providing a simple ladder. It can also read and write plural number of tags for professionals if so set.
- Serial connection: If necessary, it can be connected with a sequencer in the serial mode with the computer link unit connected via RS-232C interface.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.2
External dimensions	150(W) × 105(D) × 50(H)
Mass	
Standard Price	

Contact

현지법인㈜한국다찌바나 엘렉테크
서울 구로구 디지털로30길 28 마리오타워 1118호
TEL : 02-890-6620

TACHIBANA ELETECH CO., LTD. | CC-Link | Barcode・ID

RFID Reader / Writer TCPRO-RFRW Compatible with CC-Link

RFID system is easily realized under FA environment with a reader / writer compatible with CC-Link!
With a built-in antenna which saves space, it can be installed in the site as it is.

Features

- Low price: Low price is achieved by integrating the RFID reader / writer antenna and CC-Link interface.
- Less space: As it is designed considering environmental resistance, it can be installed in the side of a production line or a conveyor, requiring less space.
- Simple connection: As it can be read and written in a ladder program, a RFID system can be configured with a simple program without worrying about complicated communication.
- Vast experience: We have installed many protocol converters in a production line and entry-exit systems, which proves our vast experience.
- Convenient functions: Trigger identification, tag ID display, continuous identification function
- Supported frequency: HF band, UHF band

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

IC-KP2-2HB18-2V1

IDENTControl Compact control interface with interface for CC-Link V2. Operates all Pepperl + Fuchs LF, HF and UHF RFID readers.

Features

- LED status indicator of bus communication and read/write heads. Separate RS232 diagnosis interface
- Up to 2 RFID readers can be connected.
- Alternatively 1 RFID reader and 1 trigger sensor can be connected
- Protection class IP67
- Function blocks for Mitsubishi Q series available
- Separate RS232 diagnosis interface

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1.10 and 2.0
External dimensions	61.4 x 42 x 136.6 [mm]
Mass	0.5 kg
Standard Price	

Contact

현지법인페펄앤드푹스코리아
서울시 서초구 방배동 895-2 양지빌딩2, 5층
TEL : 02-3481-9494
<URL> http://www.pepperl-fuchs.com

BIS V-6111-073-Cxxx

The BIS V Identification System is a non-contacting system with read and write function, which not only allows it to convey information programmed permanently in the data carrier, but also to collect and pass on current information.

Main Applications:
– In production for controlling material flow (e.g. for model-specific processes, conveying systems that transport workpieces, acquisition of safety-relevant data)
– In warehousing for monitoring material movement
– transporting and conveying.

Features

●- New generation of BIS processor is based on modular concept with flexible HW and SW design
- More functionality in a smaller housing. Suitable for both simple and demanding applications, featuring a strong design
- Uses the newest technology, resulting in fast and reliable data transmission with short cycle times and high data security
- BIS V is a winner of 2012 reddot award.

The new BIS V identification system is established for the frequency range of HF and LF and enables the connection of up to 4 r/w heads independent of frequency.

- All terminals in front for easy access
- Read/write head function indicator:
  - Each read head terminal uses 2 LEDs for indicating status and operating state
  - 3 LEDs for unit status
  - Indicator with control keys (LCD + keys).

Station type	Remote Device Station
Number of stations occupied	1 to 4 Stations
CC-Link version	Ver. 1.1 and Ver. 2.0
External dimensions	W 62 (mm) x H 42,7 (mm) x D 157,6 (mm)
Mass	0,955kg
Standard Price	

Contact

Balluff Co., Ltd.
TEL : +81 3 3830 0520
<URL> http://www.balluff.com/balluff/MDE/de/produkte/product_detail.jsp#/229679
<URL> http://www.balluff.com/balluff/MDE/de/produkte/product_detail.jsp#/238711
<E-mail> info.jp@balluff.jp

Inverter rectifier HVS series

HVS series output good waveform for plating and contribute to save electricity charges.

Features

- Low current ripple rate and high efficiency.
- Conservation of electric power design to save electricity charges.
- Lightweighting by new structure design.
- Protection alarms for over-current, overheating, and dead-short.
- Higher durablity and environmental resistance characteristics than previous series.
- Monitor function for upper and lower limit values which memories 20 settings of upper and lower limit value and detecting time.

Station type	Remote device station
Number of stations occupied	1 station (2 stations in ver.1.1.)
CC-Link version	Ver.2.0 or ver.1.1
External dimensions	Refer to product's URL right
Mass	Refer to product's URL right
Standard Price	お問合せください

Contact

Head office TEL : 052-821-6111 FAX : 052-821-9154
Tokyo branch TEL : 03-3788-1571 FAX : 03-3788-5481
Osaka branch TEL : 06-6974-6161 FAX : 06-6974-0603
Sendai branch TEL : 022-291-3330 FAX : 022-295-0335
Hiroshima branch TEL : 084-934-0949 FAX : 084-934-0949
Fukuoka branch TEL : 092-414-2016 FAX : 092-414-2021
<URL> http://www.chuo-seisakusho.co.jp/
<URL> http://www.chuo-seisakusho.co.jp/product_int/pdf/power_05.pdf

CHUO SEISAKUSHO, LTD. | CC-Link | Power reception and distribution device

Rectifier PMD series

PMD series are small multi-functional high quality rectifiers for functional plating used in electrical parts, noble metal plating, and research & development.

Features

- PMD outputs four-type waveforms: rectangular pulse, single phase full wave, triangular pulse, and low ripple direct current.
- "9steps, 9channels" sequence control which you can freely set waveform, intermittent time, up-slope time, and down-slope time.
- 42 sets of PMD can be connected together by using CC-Link ver.2.0.
- Voltage and current monitor function.
- Cumulative current monitor function.
- Monitor function for upper and lower limit values which memories 20 settings of upper and lower limit value and detecting time.

Station type	Remote device station
Number of stations occupied	1 station (2 stations in ver.1.1.)
CC-Link version	Ver.2.0 or ver.1.1
External dimensions	Refer to product's URL right
Mass	Refer to product's URL right
Standard Price	お問合せください

Contact

Head office TEL : 052-821-6111 FAX : 052-821-9154
Tokyo branch TEL : 03-3788-1571 FAX : 03-3788-5481
Osaka branch TEL : 06-6974-6161 FAX : 06-6974-0603
Sendai branch TEL : 022-291-3330 FAX : 022-295-0335
Hiroshima branch TEL : 084-934-0949 FAX : 084-934-0949
Fukuoka branch TEL : 092-414-2016 FAX : 092-414-2021
<URL> http://www.chuo-seisakusho.co.jp/
<URL> http://www.chuo-seisakusho.co.jp/product_int/pdf/power_01.pdf

PMD2 series DC power supply (high-end model)

It is the output adjustable DC power supplies are available for the function such as plating, precious metal plating and experimental study of the electronic components. In order to have a friendly design environment resistance, it can be used, for example, plating factory.

Station type	Remote device station
Number of stations occupied	1 station(Ver.2.0) , 2 stations(Ver1.1)
CC-Link version	Ver1.1 , Ver2.0
External dimensions	Width: 270mm, depth 350mm, height 140mm (0.24kW or less) Width: 350mm, depth 430mm, height 140mm (1.6W or less) Width: 430mm, depth 430mm, height 140mm (3.2kW or less) Width: 500mm, depth 615mm, height 160mm (4.8kW or less)
Mass	8kg (Rating capacity:0.24kW or less), 12kg (Rating capacity:1.6kW or less), 16kg (Rating capacity:3.2kW or less), 24kg (Rating capacity:4.8kW or less)
Standard Price	Please contact us

Features

- ●The unique circuit design, and high efficiency
- ●Equipped with a processing time timer function and integrated current meter function
- ●Simultaneous display of three numbers of the voltage value and current value and the integrated current value
- ●It is equipped with a memory operation function of 99 ways
- ●It is equipped with a load monitor settings and features monitor function
- ●Output waveform of the four types (low DC ripple, pulse wave, single-phase full-wave, special arbitrary waveform) can be selected
- ●Equipped with a sequence operation function channel 9, step 9
- ●The synchronization pulse output support (Option)
- ●The primary input voltage of 380V ～ 440V support (custom order)
- ●The output voltage of 40V or more support (custom order)

Contact

CHUO SEISAKUSHO,LTD.
Nagoya headquarters TEL : 052-821-6110 FAX : 052-821-9154
Tokyo branch TEL : 03-3788-1571 FAX : 03-3788-5481
Osaka branch TEL : 06-6974-6161 FAX : 06-6974-0603
Sendai office TEL : 022-291-3330 FAX : 022-295-0335
Hiroshima office TEL : 084-934-0949 FAX : 084-934-0949
Fukuoka office TEL : 092-414-2016 FAX : 092-414-2021
<URL> http://www.chuo-seisakusho.co.jp/
<URL> http://www.chuo-seisakusho.co.jp/product_int/pdf/power_08.pdf
<E-mail> pw1@chuo-seisakusho.co.jp

CHUO SEISAKUSHO, LTD. | CC-Link | Power reception and distribution device

PME2 series DC power supply (standard model)

It is the output adjustable DC power supplies are available for the function such as plating, precious metal plating and experimental study of the electronic components. In order to have a friendly design environment resistance, it can be used, for example, plating factory.

Station type	Remote device station
Number of stations occupied	1 station(Ver.2.0) , 2 stations(Ver1.1)
CC-Link version	Ver1.1 , Ver2.0
External dimensions	Width: 270mm, depth 350mm, height 140mm (0.24kW or less) Width: 350mm, depth 430mm, height 140mm (1.6W or less) Width: 430mm, depth 430mm, height 140mm (3.2kW or less) Width: 500mm, depth 615mm, height 160mm (4.8kW or less)
Mass	8kg (Rating capacity:0.24kW or less), 12kg (Rating capacity:1.6kW or less), 16kg (Rating capacity:3.2kW or less), 24kg (Rating capacity:4.8kW or less)
Standard Price	Please contact us

Features

- ●The unique circuit design, and high efficiency
- ●Equipped with a processing time timer function and integrated current meter function
- ●Simultaneous display of three numbers of the voltage value and current value and the integrated current value
- ●It is equipped with a memory operation function of 99 ways
- ●It is equipped with a load monitor settings and features monitor function
- ●It is equipped with isolation transformer for the external setting
- ●It is equipped with isolation transformer for the external voltage and current signal
- ●The primary input voltage of 380V ～ 440V support (custom order)
- ●The output voltage of 40V or more support (custom order)

Contact

CHUO SEISAKUSHO,LTD.
Nagoya headquarters TEL : 052-821-6110 FAX : 052-821-9154
Tokyo branch TEL : 03-3788-1571 FAX : 03-3788-5481
Osaka branch TEL : 06-6974-6161 FAX : 06-6974-0603
Sendai office TEL : 022-291-3330 FAX : 022-295-0335
Hiroshima office TEL : 084-934-0949 FAX : 084-934-0949
Fukuoka office TEL : 092-414-2016 FAX : 092-414-2021
<URL> http://www.chuo-seisakusho.co.jp/
<URL> http://www.chuo-seisakusho.co.jp/product_int/pdf/power_08.pdf
<E-mail> pw1@chuo-seisakusho.co.jp

DMR-Pro Multi-Function Digital Relay

This product is a protection relay for substation equipment.
The protection relay is designed for protection, control and measuring.
Built-in switches can control the Circuit Breaker (ON or OFF) directly; And external DI or communication are equipped for remote control.

Features

- Adopts a large-scale LCD makes the indication easy-to-read.
- A lineup of three kinds: for feeder, for bus, and for main substation secondary use.
- Duplication output circuit can help prevent malfunction.
  Longer life design improves its reliability.
- Built-in test function shortens the time of periodical relay and sequence test.
- A history function is built-in.
  Both protection-detection and errors detected by self-diagnose function are recorded.
- Wire-saving and all-in-one designs reduce cost.
- CC-Link communication output, analog output and pulse output equip by option.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	144(W)×288(W)×64(D)mm
Mass	1.5kg
Standard Price	

Contact

Daiichi Electronics Co., Ltd
Tokyo office
11-13, hitotsuya 1-chome, Adachi-ku, Tokyo 121-8639
TEL : +81-3-3885-2411 FAX : +81-3-3858-3966
<URL> http://www.daiichi-ele.co.jp/en/index.html
<E-mail> sales@daiichi-ele.co.jp

Daiichi Electronics Co., Ltd. | CC-Link | Power reception and distribution device

SQLC-110L Electronic Super Multi-meter

The digital meter with an easily visible screen which can measure 4 items simultaneously, bringing about the significant expansion of measuring ranges and increase of outputs.

Features

- 4 measuring indication consisting of 1 main monitoring and 3 submonitoring plus a bar graph display.
- It can measure higher harmonic currents and voltages.
- It can measure leak currents (excluding those for 3-phase 4 lines systems).
- It can output CC-Link communication, pulse, alarm, and CPU abnormality signals.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	110(W)×110(H)×104(D) mm
Mass	0.6 kg
Standard Price	お問い合わせください

Contact

Daiichi Electronics Co., Ltd
11-13, hitotsuya 1-chome, Adachi-ku, Tokyo 121-8639
TEL : +81-3-3885-2411
<URL> http://www.daiichi-ele.co.jp/en/index.html
<E-mail> sales@daiichi-ele.co.jp

Daiichi Electronics Co., Ltd. | CC-Link | Power reception and distribution device

SMLC-110L Maximum/Minimum Super Multi-Meter

3×Phase voltage, 3×Line voltage, Zero-phase voltage & Frequency all can measured & monitored by 1 unit.

Features

- For Input phase voltage, ground fault phase can be distinguish if ground fault occurrence when measuring zero-phase voltage and phase voltage.
- 1 bar-graph and 4 digital measuring can be display simultaneously.
- CC-Link Communication output & 2 alarm output.
- Response time for phase voltage & zero phase voltage can be set from 0.05 to 5 seconds.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver. 1.10
External dimensions	110(W)×110(H)×104(D) mm
Mass	0.6 kg
Standard Price	お問い合わせください

Contact

11-13, hitotsuya 1-chome, Adachi-ku, Tokyo 121-8639
TEL : +81-3-3885-2411
<URL> http://www.daiichi-ele.co.jp/en/index.html
<E-mail> sales@daiichi-ele.co.jp

JEL SYSTEM CO.,LTD. | CC-Link | Power reception and distribution device

AC Power Contoroller [CC-SSR4]

4-channel Power Controller with Solid-State-Relay. (Phase control / Cycle control)

Features

- MVs from the PLC Using RS-485 Serial Communications, and Contorls Load Power with Using the SSR
- Cycle control and Phase control are changed by the serial data from PLC.
- It is possible to select suitable SSR matched with load current capacity.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

Energy Measuring Unit EcoMonitorLight (Model:EMU4-BD1-MB/EMU4-HD1-MB)

Simple & Easier. Providing Energy Visualization.
(For CC-Link communication, the option CC-Link Communication Unit (Model:EMU4-CM-C) is required.)

Features

- The built-in LCD screen enables the settings, measurements, and displays required for measuring energy with a single unit.
- CC-Link Communication Unit can be connected to the system using CC-Link communication.
- The continuous measurement of energy at sampling cycles of approximately 250 μs allows for measuring even short-cycle loads.
- The current measurement time can be calculated and utilize the data in diagnosing production equipment service life and for performing preventive maintenance.
- Device correspond to international standards of CE, etc. marking,UL and also meet demands for standards for embedded applications in oversea equipment.

Station type	Remote Device Station
Number of stations occupied	1 Station
CC-Link version	Ver.1.10/Ver.2.00
External dimensions	100(W)×90(H)×75(D)[mm]
Mass	0.3[kg]
Standard Price	本体部：22,000円～、 通信部：36,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.com/
<URL> http://www.mitsubishielectric.com/fa/products/pmng/ems/items/ecomonitor/index.html

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Power reception and distribution device

ELECTRONIC MULTI-MEASURING INSTRUMENT ME110Super-S series

Easy-to-use and easy-to-read display functions

Features

- Improvement of visibility
  →Wide viewing angle LCD and high luminance backlight
- Improvement of setwork
  →Setwork with PC and setting according to the infrared communication
- Support of wiring confirmation
  →Distinction of mis-connecting wires support function
- Support of wiring confirmation
  →Test signal is output by impressing auxiliary power as a communication test function
- Enhancement of function
  →Maximum value update and alarm output caused by motor starting current are prevented

Station type	Remote Device Station
Number of stations occupied	One Station
CC-Link version	Ver.1.10, Ver.2.00
External dimensions	110×110×98 [mm]
Mass	0.5 [kg]
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/
<URL> http://www.mitsubishielectric.co.jp/fa/

EMU-C7P4-6-A Mitsubishi Multiple-circuit Power Measuring Module EcoMonitor2

It covers a wide range of applications, from on-site energy saving improvement and analysis to centralized monitoring through a network!
A single module is capable of measuring the current, voltage, power, and electric energy of up to six circuits (three single-phase wires/three three-phase wires).

Features

- The module is capable of measuring the current, voltage, power, and electric energy of plural low-voltage circuits (six circuits: three single-phase wires/three three-phase wires) at the same time and saving, displaying, and transmitting measured data, and contributes to space saving and work reduction.
- With the pulse input of up to four circuits, the production output to be used for unit requirement control can be counted, and the flow rates of energy of other power sources, such as steam and gas, can be metered.
- The module has a double logging function that consists of offline logging for on-site energy saving improvement and analysis, and online logging for central monitoring through a network.
- In offline logging, the module automatically saves the hourly electric energy and hourly pulse amount for up to 131 days (automatic logging and saving), and can also save detailed data at cycles of 250 ms to 30 minutes (selective logging and saving).

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	175(W)×100(H)×65(D) mm
Mass	0.7 kg
Standard Price	

Contact

현지법인 : 한국미쓰비시전기오토메이션(주)
주소:서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-833
<URL> http://kr.mitsubishielectric.com/fa/ko/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Power reception and distribution device

ENERGY MEASURING UNIT EMU3-DP1-C

In addition to detailed energy measurement, the EMU3 Series provides basic unit management and production facility current leakage monitoring/status management with its measuring leakage current function and contact input/output function.

Features

- The built-in CT/ZCT eliminates the need to mount or wire a CT/ZCT unit. Distribution panel/control panel measurement can be realized with a compact system.
- The pulse count function can import the production quantity pulses required for basic unit management.
- Easily control basic units during system operation with contact inputs of the facility's operation state.
- With the standard measuring leakage current function, the cable path and load systems can be monitored for current leaks.
- The 90-degree rotation display can be rotated left and right to always face forward regardless of the mounting direction.
- In addition to using measurement information at the site, information can be transferred to a host for monitoring at a central location.

Station type	Remote Device Station
Number of stations occupied	One Station
CC-Link version	Ver.1.10
External dimensions	90(W)×121(H)×85(D) [mm]
Mass	1.0 [kg]
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

LG-5F/LG-10F Mitsubishi Ground Fault Cluster Monitor unit

From "alarm monitoring" to "visible, continuous monitoring". CC-Link data transmission enables the host monitor system to monitor continuously. This provides the tendency of leakage currents for analyzing abnormalities and facilitating preventive maintenance of facilities.

Features

- The large-sized LCD displays ground fault levels in 10 circuits simultaneously while displaying leakage current digitally for each circuit.
- The CC-Link transmission enables to check alarm generation in each circuit and remotely monitor measurement values in each circuit.
- The ranges of setting are 30mA to 4A for sensitivity current and 0.1 to 5 seconds for operation time.
- Integrated with the integral circuit against high harmonics and surges, it does not operate erroneously or unexpectedly even if a ground fault current flows in the secondary circuit of the inverter.
- Complies with the high-speed type and time-delay characteristics of the leakage current relays specified in JIS C 8374.
- The integrated self-diagnosis functions generate an output of system alarm in system abnormalities such as when the built-in CPU runs away.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10/Ver.2.00
External dimensions	□144×98mm
Mass	0.9kg
Standard Price	258,000円(10回路)

Contact

현지법인 : 한국미쓰비시전기오토메이션(주)
주소:서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-833
<URL> http://kr.mitsubishielectric.com/fa/ko/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Power reception and distribution device

ME110NSR-C ELECTRONIC MULTI-MEASURING INSTRUMENT New-S Series

Mitsubishi Electronic Multi-measuring instrument New-S series features high performance and crystal clear display, supporting your measuring and monitoring systems.

Features

- High accuracy monitoring functions by our dedicated ASIC.
- Easy to read display functions. The bar graph indicator makes it possible to read easily.
- "High-tech, yet simple" operating functions. Simple setting and simple operations.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	□110×98mm
Mass	0.5kg
Standard Price	

Contact

현지법인 : 한국미쓰비시전기오토메이션(주)
주소:서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-833
<URL> http://kr.mitsubishielectric.com/fa/ko/

ME110SR-C Mitsubishi Electronic Type Indicator S Series

Incorporating the newly developed ASIC for measurement, the indicator has been significantly improved in measuring elements, output, visibility/operability, and functionality.

Features

- The screen is capable of displaying four elements at the same time and is easy to read.
  The totally upgraded LCD screen offers a higher level of visibility with large-size digital characters.
- 12 display patterns + special display pattern + additional screen
  The optimum measuring elements can be set.
- A six-point output function is adopted (largest in the industry).
- Harmonic current and voltage are standard elements.
- Cost/performance ratio.
  The unit serves as a voltmeter, indicator, transducer, etc.
- The indicator is characterized by easy setting and operation.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	170,000円

Contact

Mitsubishi Electric Automaiton (China) Ltd.
TEL : +86-21-2322-3030
<URL> http://kr.mitsubishielectric.com/fa/ko/

MELPRO-D Series Digital Type Protective Relay for High Voltage and Special High Voltage

This relay, which is compatible with advanced communication networks, strongly assists the automation of power distribution.

Features

- The relay is accessible from a central control system (steady values, measured values, operating status, constant monitoring, time, etc.).
- A wide variety of models are designed to protect various high-voltage and special-high-voltage systems (receiving and distributing units, transformers, motors, generators, systems, etc.).
- Upgraded measuring functions (accident recording function, current, voltage, power, frequency, etc.) are used.
- Programmable contacts are adopted for output contacts, which can be optionally set according to OR logic.
- The relay offers high-accuracy protection based on the digital calculation expression for high-speed sampling.
- An advanced constant monitoring function contributes to improved reliability.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	
External dimensions	D1 unit: Approx. 150 (W) × 250 (H) × 200 (D) mm D2 unit: Approx. 300 (W) × 250 (H) × 200 (D) mm
Mass	D1 unit: Approx. 3 kg D2 unit: Approx. 5 kg
Standard Price	

Contact

현지법인 : 한국미쓰비시전기오토메이션(주)
주소:서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-833
<URL> http://kr.mitsubishielectric.com/fa/ko/
<E-mail> kubo@setsuyo.com.cn

MITSUBISHI ELECTRONIC MULTI-MEASURING INSTRUMENT ME96NSR

Compact & Flexible & Operation Ease

Features

- ●Monitoring →High accuracy monitoring functions by Mitsubishi dedicated ASIC
- ●Display →Easy to read display functions
- ●Output →Wide range of output functions from measuring data to alarm
- ●Communication →Communication functions to support open networks
- ●Operation →"High-tech, yet simple" operation functions

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	96(W) × 96(H) × 86(D)
Mass	0.5kg
Standard Price	

Contact

MITSUBISHI ELECTRIC CORPORATION FUKUYAMA WORKS Eco-factory Engineering Group
MITSUBISHI ELECTRIC CORPORATION FUKUYAMA WORKS Measuring Instrument Marketing Section
<URL> http://www.mitsubishielectric.co.jp/
<URL> http://www.mitsubishielectric.co.jp/haisei/
<URL> http://www.mitsubishielectric.co.jp/haisei/lvs/index.htm

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Power reception and distribution device

Mitsubishi Energy Measuring Module EcoMonitorPro

Energy-saving assisting units have entered the second generation!
The EcoMonitor series has evolved by "packaging and adding flexibility"!

Features

●The optimum packaging for each situation
・Each functional module is packaged for the optimum configuration. Modules for one, three, five, and seven circuits are available for efficient system configurations.
・Modules exclusively for low voltage and for low/high voltage are available so that a single module makes up a receiving circuit (high voltage) and a distributing circuit (low voltage).

●Flexible system configurations
・A single module can measure plural transformer systems (irregular voltage, irregular phase line).
・An optional display module can display plural circuits.
・Large-size options are also available.

●Cost/performance ratio
・The cost per circuit has been reduced by approximately 20% compared with our conventional modules
(when EcoMonitor 2 is compared with seven circuits for receiving/distribution monitoring).
・With a relay system using a current sensor cable, circuits can be adjusted to the optimum length by one meter for actual use, ensuring efficient, economical wiring.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

현지법인 : 한국미쓰비시전기오토메이션(주)
주소:서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-833
<URL> http://kr.mitsubishielectric.com/fa/ko/

MITSUBISHI ENERGY MEASURING UNIT EMU3

The pulse input function and leakage current monitoring function is added to this units.
With built-in CT and ZCT, easy installation and wiring is possible.

Features

- With built-in CT and ZCT, installation and wiring work can cut down.The space for the measuring units of the distribution panel and the control board can be reduced.
- EMU3 has contact and pulse input function from outside. The basic unit management and the facilities condition management can be easily done by monitoring production quantity and facilities operating condition.
- The safety monitoring is possible according to measuring leakage current and alarm output function.
- This product is sold only in Japanese market.

Station type	Remote Device Station
Number of stations occupied	One Station as Remote Device Station
CC-Link version	Ver. 1.10
External dimensions	90×121×85
Mass	1 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Power reception and distribution device

Mitsubishi MDU Circuit Breaker with Measurement/Display unit (MDU)

A circuit breaker and a measurement/display unit are integrated!
With built-in VT and CT, the circuit breaker requires less space and assists in reducing work and saving energy.

Features

- A low-voltage circuit breaker combines an MDU for measuring, displaying, and transmitting information on cable ways, and closely monitors energy consumption by measuring current, voltage, power, electric energy, harmonic current, leakage current, power factor, etc., to assist energy-saving.
- Prior warnings against current, leakage current, etc., aid preventive maintenance.
- Since the circuit breaker saves its tripping information (causes and current values), you can investigate the causes of accidents and correct them sooner.
- The circuit breaker comes with a wide range of ratings from 50 A (225 AF) to 6300 A (6300 AF).
  *Some functions are not available depending on the model or ampere frame.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

현지법인 한국미쓰비시전기오토메이션(주)
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-833

Multi-Measuring Instrument with Leakage Current Measuring Function ME110NSFL-C

Multi-Measuring Instrument with Leakage Current Measuring Function
This low-voltage measuring instrument can measure leakage current (Io, Ior measurement), current, current demand, votage, active power, and active energy.

Features

- This device can constantly monitor measurement values. With the combination use with ME110NSR type, LG type, remote/centeral monitoring is also possible.
- This device can measure leakage current , current, current demand, voltage, active power, and active energy.
- This device can measure leakage current up to 4A.
- Electric leakage measurement can be selected from Io measuring method or Ior measuring method.
- This device can display phase values for the function of connection error detection.

Station type	Remote device station
Number of stations occupied	1 Station
CC-Link version	Ver.1.10
External dimensions	110×110×117.5
Mass	0.5 [kg]
Standard Price	166,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Power reception and distribution device

Energy Measuring Unit EcoMonitorPlus (Model:EMU4-BM1-MB/EMU4-HM1-MB/EMU4-LG1-MB)

Energy Saving + Preventive Maintenance
(For CC-Link communication, the option CC-Link Communication Unit (Model:EMU4-CM-C) is required.)

Features

- It can be expanded without waste by building block system.
- By lineup of insulation Monitoring Model (Model: EMU4-LG1-MB), it contributes to early detection of abnormalities (leakage current etc.) of production equipment and prevention of failure.
- CC-Link Communication Unit can be connected to the system using CC-Link communication.
- The current measurement time can be calculated and utilize the data in diagnosing production equipment service life and for performing preventive maintenance.
- Device correspond to international standards of CE, etc. marking,UL and also meet demands for standards for embedded applications in oversea equipment.

Station type	Remote Device Station
Number of stations occupied	1 Station
CC-Link version	Ver.1.10/Ver.2.00
External dimensions	37.5(W)×90(H)×94(D)[mm]
Mass	0.2[kg]
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.com/
<URL> http://www.mitsubishielectric.com/fa/products/pmng/ems/items/ecomonitor/index.html

Electronic Multi-Measuring Instrument ME96SSRA-MB,ME96SSHA-MB

With simple operating functions, ME96SSRA-MB and ME96SSHA-MB are the best support your measuring and monitoring systems.

Features

- Measurement: Improved measuring accuracy.
- Display:Easy to read display functions.
- Monitoring: Alarm function/Motor starting current mask/Operating time counter.
- Complementary features: Password function/Test function.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.1, Ver.2.0
External dimensions	96(W) x 96(H) x 90(D) [mm]
Mass	0.5kg
Standard Price	

Contact

<URL> http://www.mitsubishielectric.com/index.html
<URL> http://www.mitsubishielectric.co.jp/haisei/lvs_area/index.htm

SM3000

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Multi Power Monitor 54UC

High performance with economy

Features

- Measures up to the 31st harmonic distortion
- Highly legible LCD display
- Easy-to-use PC configuration software
- Setting can be saved and exported in CSV file format.
- Direct input up to 480 V
- High accuracy: 0.3% for current/voltage, 0.5% for power factor

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	W110×H110×D100 mm
Mass	0.5 kg
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

M-System Co., Ltd. | CC-Link | Power reception and distribution device

Multi Power Monitor 54U2

This product is presently available only in Japanese format.

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인MG코리아㈜
서울특별시 강남구 선릉로 760 5층 C호
TEL : 02-548-8203
대리점㈜에프에이에스
서울특별시 경인로53길 15중앙유통단지 가동 1511호
TEL : 02-6679-5440
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

X-Series (Electronic Multimeter)

The electronic multimeter for incoming and distribution panels can save wire, space, and cost. In addition, the multimeter is optimal for electric power measurement necessary for energy saving measures.

Features

- The color multi series is also added to the lineup. Its display color changes if a trouble occurs (green to red).
- The number of elements of electricity measured by the multimeter is at the highest level in the industry (12 elements). Harmonics are also measured. Four types of measurement are simultaneously displayed (1 analog display and 3 digital displays). Wide viewing angle (The viewing angle in the vertical direction is not restricted.)
- Common to phases and wires (single phase two wires, single phase three wires, three phases three wires), common to 110V and 220V
- Besides CC-Link outputs, pulses and alarms can be output (compatible with CC-Link Ver. 2.00).
- The external contact inputs (3 points) enable you to monitor the multimeter from the central control panel. (The color multi series changes its front side color from green to red.)
- The leakage detection type and the open phase voltage detection type are also available.

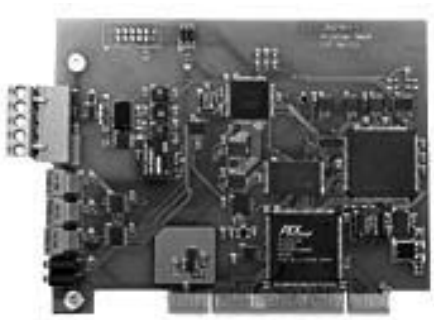
Station type	Remote device station
Number of stations occupied	1 station, 42 units at the maximum
CC-Link version	Ver.1.10, Ver.2.00
External dimensions	110(W)×110(H)×120(D) mm
Mass	600 g
Standard Price	お問い合わせください

Contact

HAKARU PLUS CORPORATION
TEL : +81-6-6300-2195
<URL> http://www.takemotodenki.com
<URL> http://www.takemotodenki.co.jp
<URL> http://www.takemotodenki.co.jp/file/21_file1.pdf
<E-mail> nagata@takemotodenki.co.jp
<E-mail> genda@takemotodenki.co.jp
<E-mail> k_tanaka@takemotodenki.co.jp

CIF 50-CCS PCI CC-Link Slave Communication Interface Card

PCI type. Easy development of CC-Link Slave Station as plug and play.



Features

- ●PCI card for use in the standard PC environment
- ●Drivers for Windows or Linux are available
- ●Fast "Time to Market"
- ●Cheaper than own development
- ●Easy to configure
- ●MFP3 technology

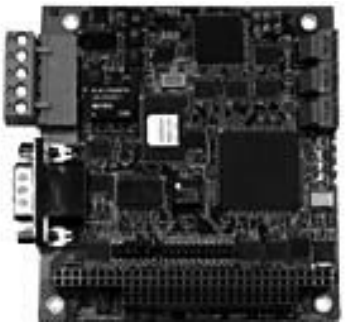
Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	134 × 107 × 20mm
Mass	
Standard Price	お問い合わせください

Contact

Hilscher Systemautomation (Shanghai) Co. Ltd. (德国赫优讯上海分公司)
Huaihai China Tower 2208
Ren Min Road No.885
200010 Shanghai China
TEL : +86 (0) 21-6355-5161 FAX: +86 (0) 21-6355-5162
<URL> http://www.hilscher.jp/
<E-mail> info@hilscher.cn

CIF 104-CCS PC/104 CC-Link Slave Communication Interface Card

PC/104 card type. CC-Link Slave station used directly in the automation level.



Features

- ●PC/104 card is suitable for use in PC-based controls
- ●Drivers for Windows or Linux are available
- ●Fast "Time to Market"
- ●Cheaper than own development
- ●Easy to configure
- ●MFP3 technology.

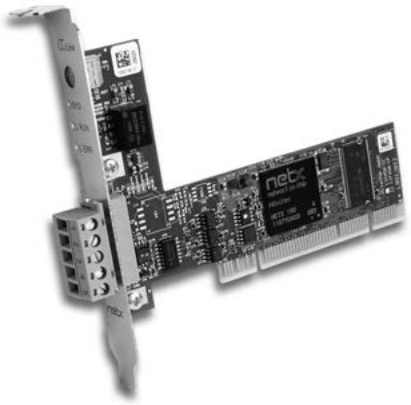
Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	90 × 96 × 25mm
Mass	
Standard Price	お問い合わせください

Contact

Hilscher Gesellschaft für Systemautomation mbH
Rheinstraße 15, 65795 Hattersheim, Germany
TEL : +49 (0)6190 9907-0 FAX : +49 (0)6190 9907-50
<URL> http://www.hilscher.jp/
<E-mail> info@hilscher.cn

CIFX 50-CC - PCI card for CC-Link-Slave

Communciation for PC based Automation



Features

- Certified CC-Link Slave interface according to V2.0 and V1.1
- Same application interface for all protocols and formats
- Easy integration thanks to wide range of device drivers
- Data access via Dual-Port-Memory or Direct Memory Access
- Unique slot-number assignment via rotary switch

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	120 x 86 x 18,5 mm
Mass	
Standard Price	

Contact

Hilscher Japan KK
TEL : +81 (0) 3-5362-0521
<URL> http://hilscher.com/home.html
<E-mail> info@hilscher.com
<E-mail> info@hilscher.jp

CIFX 50E-CC - PCI Express card for CC-Link-Slave

Communciation for PC based Automation

Features

- Certified CC-Link Slave interface according to V2.0 and V1.1
- Same application interface for all protocols and formats
- Easy integration thanks to wide range of device drivers
- Data access via Dual-Port-Memory or Direct Memory Access
- Unique slot-number assignment via rotary switch

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	120 x 73,2 x 18,5 mm
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<E-mail> info@hilscher.com

cifX 104-CC¥F - PC/104 card for CC-Link-Slave

Communciation for PC based Automation

Features

- CC-Link Slave interface according to V2.0 and V1.1
- Same application interface for all protocols and formats
- Easy integration thanks to wide range of device drivers
- Data access via Dual-Port-Memory or Direct Memory Access
- Including 15cm detached network connection
- For extended temperature range up to 70° C

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	97,0 x 91,0 x 24,0 mm
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<E-mail> info@hilscher.com

Hilscher GmbH | CC-Link | PC

cifX 104C-CC¥F - PCI-104 card for CC-Link-Slave

Communciation for PC based Automation

Features

- CC-Link Slave interface according to V2.0 and V1.1
- Same application interface for all protocols and formats
- Easy integration thanks to wide range of device drivers
- Data access via Dual-Port-Memory or Direct Memory Access
- Including 15cm detached network connection
- For extended temperature range up to 70° C

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	97,0 x 91,0 x 24,0 mm
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<E-mail> info@hilscher.com

cifX 90-CC¥F - Mini PCI card for CC-Link-Slave

Communciation for PC based Automation

Features

- CC-Link Slave interface according to V2.0 and V1.1
- Same application interface for all protocols and formats
- Easy integration thanks to wide range of device drivers
- Data access via Dual-Port-Memory or Direct Memory Access
- Including 15cm detached network connection
- For extended temperature range up to 70° C

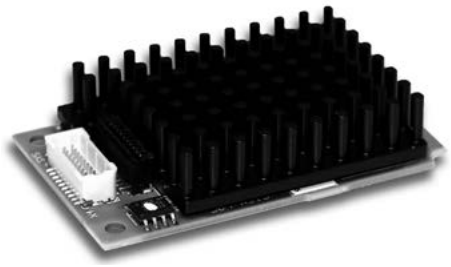
Station type	Remote I/O device and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	60,0 x 45,0 x 9,5 mm
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<E-mail> info@hilscher.com

cifX 90E-CC¥F - Mini PCI Express card for CC-Link-Slave

Communciation for PC based Automation



Features

- CC-Link Slave interface according to V2.0 and V1.1
- Same application interface for all protocols and formats
- Easy integration thanks to wide range of device drivers
- Data access via Dual-Port-Memory or Direct Memory Access
- Including 15cm detached network connection
- For extended temperature range up to 70° C

Station type	Remote I/O device station ane Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	51,0 x 30,2 x 11,0 mm
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<E-mail> info@hilscher.com

AFC1500 Nut Runner

This controller realizes the network control and wire saving of nut runners (bolt/nut fastening systems).

Features

- This controller can perform multiple control on up to 31 axes.
- Output allocation by the CC-Link can be made from the user console (operation software for Windows) as you desire.
  Systems can be constructed with more flexibility.
- The controller flexibly meets complex sequence control of nut runners and diversifying external communication requests.

Station type	Remote device station
Number of stations occupied	1 to 4 stations
CC-Link version	
External dimensions	265(H) × 70(W) × 160(D)
Mass	1.4 kg
Standard Price	

Contact

대리점리우테크
울산광역시 남구 번영로 269(세명빌딩)4층
TEL : 052-227-7115

[Handy2000 series] Handy Type Nut Runner

The next generation handheld nutrunner "Handy 2000".Compatible with various control needs such CC-Link.

Features

- High quality and accurate fastening tool based on ISO5393.
- No oil mist nor noise as generated by pneumatic nutrunners. Clean and quiet working environment.
- Handy2000 consumes about 1/20 the energy in comparison with pneumatic nutrunners.
- Versatile functions such as Job, Multi channels, and simplified PLC are included to further enhance efficiency in fastening.
- Estic's patented pulse technology reduces the reaction generated during fastening.
- 7 colors with the high-intensity LED lamps are visible at any angle regardless of the posture of the operator.

Station type	Remote device station
Number of stations occupied	1-4 station
CC-Link version	Ver.2.0
External dimensions	200(W)×270(D)×300(H) mm
Mass	10 kg
Standard Price	お問い合わせください

Contact

ESTIC Corporation
International Dept.
2-5-9 Hashibahigashino-cho, Moriguchi City, Osaka 570-0031, Japan
TEL : (81)50-5523-7676 FAX : (81)6-6993-8881
<URL> http://www.estic.co.jp
<E-mail> int_dep@estic.co.jp
<E-mail> ecc@estic.cn

High-speed Counter Module Screw Terminal Block Type AJ65BT-D62, AJ65BT-D62D, AJ65BT-D62D-S1

Can count high-speed pulses accurately.

Features

- The counting range is wide, from 0 to 16777215 (24-bit binary).
- External input: 5/12/24 V DC (2 to 5 mA)
- Counted values can be multiplied.
- Switching the counting speed ensures accurate counting even at slow rising and falling.
- Four counter functions are available.
  - ・Latch counter function
  - ・Sampling counter function
  - ・Cyclic pulse counter function
  - ・Count disable function

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver. 1
External dimensions	65(H)×151.9(W)×63(D)[mm]
Mass	0.41kg/0.42kg/0.42kg
Standard Price	89,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link | Miscellaneous

LE-10WTA-CCL

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

APS Series

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

HeadOffice/Factory
TEL : +81-048-432-5580 FAX : +81-48-432-5979
<E-mail> eigyou@kk-chiyoda.co.jp

Motion controller F-3300/CC

F-3300/CC is a 4-axis controller for servo and stepping motors for CC-link.

Features

- ●F-3300/CC provides the parameter settings, origin detection drive, positioning drive with CC-link communication.
- ●The 32-bit width address counter and the maximum output frequency of 10MHz enables high-precision, high-speed positioning.
- ●Also equipped with a multi-functional 32-bit pulse counter, and 16-bit pulse differential counter, the F-3300/CC has a variety of application such as counting feedback pulses from the servo driver, detecting step-out of the stepping motor with an encoder.
  The applications also include interrupt output and external signal output using the comparator function of each counter.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver1.10
External dimensions	65.1(W) × 100(H) × 124(D) [mm]
Mass	0.45kg
Standard Price	

Contact

Melec Inc. Control equipment marketing department
TEL : (042)664-5384
<URL> http://www.melec-inc.com

PHASE5/IWC5 Series Resistance-Welding Control Device

This small, high-performance resistance-welding control device can be connected to CC-Link.

Features

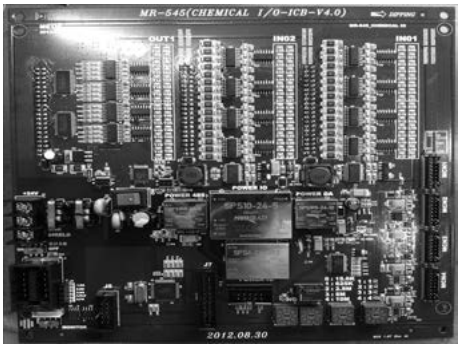
- You can connect the AC control device and the inverter control device to CC-Link.
- As it is very small, you can install the device in a small space.
- The inverter control device is compatible with an inverter transformer of 1800 Hz at the maximum.
- You can connect the device with your personal computer over Ethernet to enable the centralized control of welding data.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

MR-545 CC-LINK CHEMICAL IO BOARD

Chemical IO



Features

- INPUT 64POINT
- OUTPUT 32POINT
- DAC 16BIT 4CHANNEL

Station type	REMOTE DEVICE
Number of stations occupied	2occupied
CC-Link version	Ver.1.0
External dimensions	200 x 175 x 30
Mass	0.5kg
Standard Price	

Contact

METIS Co., Ltd.
134-13 Eungwon-ri, Mokcheon-eup, Dongnam-gu, Cheonan-si, Chungcheongnam-do, Korea
TEL : +82-2-2163-6422 FAX : +82-2-2163-6429
제조사㈜메티스
충청남도 천안시 동남구 목천읍 응원1길 69-83
TEL : 041-520-8256 FAX : 041-622-8087
<URL> http://www.imetis.co.kr

Atsukan Servo Controller PQCS2-SCU2-01201*

I realize wiring-saving as soon as IO wiring work cries by CC-Link adoption.
The transmission and reception of the data such as a set point, the present value simpleness.

Features

- Sophisticated Position and Load control by Hydraulic Servo Cylinder.
- Table control,Digital control,Analog control various control is possible.
- Energy saving effect preeminence by Hydraulic Servo system.

Station type	Remote Device station
Number of stations occupied	4 staion
CC-Link version	Ver.1.10
External dimensions	202 × 78.8 × 130 [mm]
Mass	1 [kg]
Standard Price	

Contact

Department:Research & Development Dept
TEL : +81-6-6340-1101
FAX : +81-6-6340-1164
<URL> http://www.taiyo-ltd.co.jp/

Electric Gripper

Closed-loop control with Stepping motor and Rotary encoder for HIGH ACCURATE CONTROL in Gripping force, Positioning and Speed.
The CC-Link controller is a high performance product that has been designed to build a variety of assembly and transport task applications by configuring the desired gripping strength and speed settings of the gripping operation of workpieces, through CC-Link and in combination with Electric Gripper.

Features

- CC-Link controller is a high performance product that has been designed to build a ariety of assembly and transport task applications by configuring the desired gripping strength and speed settings of the gripping operation of workpieces, through CC-Link and in combination with Electric Gripper.

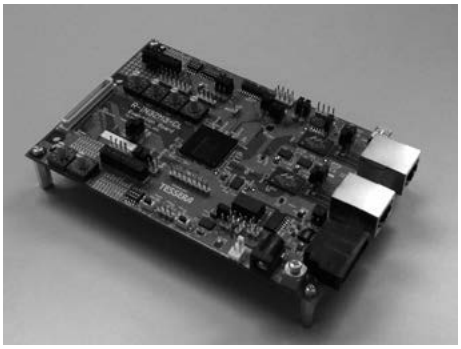
Station type	Remote Device Station
Number of stations occupied	4 Station
CC-Link version	Ver 1.10
External dimensions	110[mm] x 54[mm] x 73.8[mm]
Mass	450 [g]
Standard Price	

Contact

<URL> http://www.taiyo-ltd.co.jp/

TS-R-IN32M3-CL-E

This kit is an evaluation platform for software and system development of Renesas Electronics' industrial Ethernet communication LSI (R-IN32M3-CL) supporting CC-Link / CC-Link IE Field.



Features

●- Supports multiple protocols, such as CC-Link / CC-Link IE Field
(protocols : CC-Link, CC-Link IE, EtherNet/IP, PROFINet, etc.)
- Evaluation of various interfaces is possible.
(Ethernet, CAN, I2C, UART(USB), etc.)

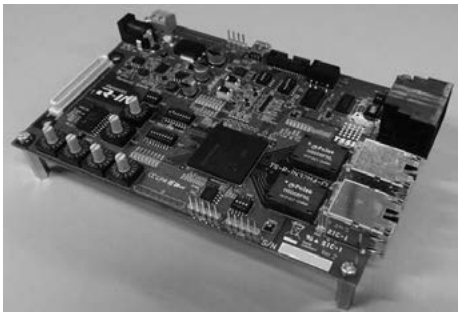
Station type	Remote device station
Number of stations occupied	-
CC-Link version	Ver 1.10 / 2.0
External dimensions	W145mm × H35mm × D95mm
Mass	118g
Standard Price	

Contact

TESSERA Technology INC.
<URL> http://www.tessera.co.jp/eng/index.html
<URL> http://www.tessera.co.jp/eng/products/r-in32m3-cl-e.html

TS-R-IN32M4-CL2-E

This kit is an evaluation platform for software and system development of Renesas Electronics' industrial Ethernet communication LSI (R-IN32M4-CL2) supporting CC-Link.



Features

●- Supports multiple protocols, such as CC-Link IE Field
(protocols : CC-Link)
- Evaluation of various interfaces is possible.
(Ethernet, CAN, I2C, UART(USB), etc.)

Station type	Remote device station
Number of stations occupied	-
CC-Link version	Ver 1.10 / 2.0
External dimensions	W145mm × H35mm × D95mm
Mass	118g
Standard Price	71,500

Contact

TESSERA Technology INC.
<URL> http://www.tessera.co.jp/eng/index.html
<E-mail> support@tessera.co.jp

Ultra low ripple programmable dc power supply P4LT Series

The P4LT series is DC power supply for precision plating, in base of super low noise DC power supply P4L series that adopts four digits meters and high-resolution D/A A/D converter, enabled furthermore electric current setting and output.
It also corresponds to digital communication, available widely from an experiment to the automation line.

Features

- Output of smooth electric current/voltage by the "0.1mA" "10mV" unit is possible.
- Equipped with four digit meters and high-resolution D/A,A/D converter.
- Realizes super low noise/high-speed reply by the adoption of the series regulator method.
- Equipped with the functions such as analog remote control or various status signals.
- Corresponds to various degital interface(option)

Station type	Remote Device Station
Number of stations occupied	2 stations
CC-Link version	Ver.1.1
External dimensions	Plaese contact us
Mass	Plaese contact us
Standard Price	Plaese contact us

Contact

Matsusada Precision Inc.
Headquarters Inrternational Office 745 Aoji-cho Kusatsu Shiga 525-0041 Japan
TEL : 06-6150-5088

Ultra Slim & Versatile DC Power Supply P4L Series

The P4L series is the series regulator method highly precise/super low noise DC power supply adopting four digit meters and high-resolution D/A/A/D converter which enables more precise output setting/reading.
It comes equipped with not only the overvoltage protection but also the overcurrent protection, also corresponds with digital communication function. Able to use widely from an experiment to the automation line.

Features

- 4-digit meter
- Ultra low ripple & Fast response
- Easy to set up the automation line and measuring system
- Various function will be included as standard
- Corresponds to Degital Interface
- Quiet natural air-cooling method (model under 108W)

Station type	Remote Device Station
Number of stations occupied	2 stations
CC-Link version	Ver.1.1
External dimensions	Please contact us
Mass	Please contact us
Standard Price	Please contact us

Contact

Matsusada Precision Inc.
Headquarters International Office 745 Aoji-cho Kusatsu Shiga 525-0041 Japan
TEL : 06-6150-5088

Matsusada Precision Inc. | CC-Link | Miscellaneous

Compact High Power Supply with power factor correction and worldwide input. PK Series

Low noise, multiple functions, and digital communication are highlights of this supply which can be used from R&D to a variety of applications. All this convenience in a small DC power supply.

Features

- Compact and high power 400W, 800W, 1200W
- Ideal for research and development with low noise switching method.
- PFC circuit and universal input wound not select the place of operation.
- Various operations by connecting multiple power supplies, such as master/slave, is possible.
- Sink-current / Disable sink-current function contribute to high speed response, and also good for applications which need constant voltage.
- Operability and safety are improved with new features of key-lock function and acceleration rotary encoder, which accelerate the output ramp up with the speed of rotating the encoder.

Station type	Remote Device Station
Number of stations occupied	2 stations
CC-Link version	Ver.1.1
External dimensions	Please contact us.
Mass	Please contact us.
Standard Price	Please contact us.

Contact

Matsusada Precision Inc.
Headquarters International Office 745 Aoji-cho Kusatsu Shiga 525-0041 Japan
TEL : 06-6150-5088

Sanyo Machine Works, Ltd. | CC-Link | Miscellaneous

CC-Link Compliant Remote Handy Operator Panel SROP-MC2

A standard operating panel that can be directly connected to the CC-Link.

Features

- Standard operating panel that can be held in the hand and replaces the conventional operating panel.
- Response to requirements of shortening of design time, cost reduction and reduction of installation space.
- CC-Link remote device station (4 stations occupied)
- Equipped with illuminated push-buttons, and a 7SEG display device
- Having an operating control power supply, emergency stop, and operation preparation circuit configured with hardware circuit separate from the CC-Link.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	320 × 110 × 55 mm
Mass	Approx. 1.6 kg
Standard Price	お問い合わせください

Contact

Sanyo Machine Works, Ltd.
Sales Dept.
TEL : +81-568-21-1115
<URL> http://www.sanyo-machine.co.jp/
<URL> http://www.smartautomation.jp/
<E-mail> sales@sanyo-machine.co.jp
<E-mail> webmaster@smartautomation.jp

MSP/MRP Series Linear/Rotary Motion Type Electric Actuator for CC-Link

Actuator for small control valves directly connectable with the PLC mounted on CC-Link

Features

- Wiring costs can be reduced by the daisy-chain system using a single cable.
- It can be connected on the same cable with other CC-Link devices.

Station type	Remote device station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

Tower Light IT60RC (remote I/O stack light)

Bright and even illumination thanks to M-System's original triple-reflection system

Features

- Direct CC-Link control from a PLC of lighting, blinking and buzzer sound
- Three light modules plus one dual color module of 60-mm diameter
- IP 65
- Separable tension-clamp terminal block

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	Approx. 1.4 kg
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

M-System Co., Ltd. | CC-Link | Miscellaneous

Tower Light IT40SRC, IT50SRC, IT60SRC (remote I/O stack light)

Bright and even illumination thanks to M-System's original triple-reflection system

Features

- Direct CC-Link control from a PLC of lighting, blinking and buzzer sound
- Three types of diameters: 40 mm, 50 mm and 60 mm
- One to five-layer, five-color LED modules in free combination
- IP 65
- Separable tension-clamp terminal block

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

BROTHER INDUSTRIES LTD | CC-Link | Miscellaneous

CNC-C00 : SPEEDIO・S300X1/S500X1/S700X1/S1000X1・M140X1・R450X1

The SPEEDIO Series is a series of #30 spindle compact machining center, higher productivity than our CNC Tapping Center Series and demonstrates excellent environmental performance and machining capability.

Features

- Supports CC-Link slave function by connecting a fieldbus conversion board (option) for CC-Link to a control unit (CNC-C00) of the SPEEDIO series.
  Able to acquire CSP+ file from following link.
  Please download the following files according to the number of the occupation station.
  One station occupation: CNC-C00RemoteDev_1_V1_10_ja.zip
  Two stations occupation: CNC-C00RemoteDev_2_V1_10_ja.zip
  Three stations occupation: CNC-C00RemoteDev_3_V1_10_ja.zip
  Four stations occupation: CNC-C00RemoteDev_4_V1_10_ja.zip

Station type	Remote device
Number of stations occupied	one staion/ two station/ three station/ four station
CC-Link version	1.10
External dimensions	
Mass	
Standard Price	

Contact

<URL> http://www.brother-usa.com/MachineTool/
<URL> http://www.cc-link.org/jp/material/documents/csp_plus/robot_csp_jp.zip

Ultrasonic welder

SONOPET D series

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

0x4D (vaccum valve) / Series 612 Butterfly control valve

Butterfly control valve, APC (automatic pressure control), Vacuum butterfly control valve system, CC-Link interface, pressure control /
Area of Application: SEMI, FDP, SOLAR, PV (Etch, CVD)

Features

- Very fast and accurate pressure control
- Automatic learning of system parameters
- Hold function for plasma ignition
- Valve position control
- Input for pressure sensors
- Power failure option

Station type	Remote device
Number of stations occupied	1, 2, 3 or 4 stations
CC-Link version	Ver. 2.0
External dimensions	612 DN40:257 x 124 x 90[mm] 612 DN50:267 x 124 x 90[mm] 612 DN63:329 x 130 x 90[mm] 612 DN80:450 x 145 x 90[mm] 612 DN100:371 x 165 x 90[mm] 612 DN160:447 x 225 x 90[mm] 612 DN200:523 x 285 x 90[mm]
Mass	612 DN40:2.6[Kg], 612 DN50:3[Kg], 612 DN63:4.1[Kg], 612 DN80:4.7[Kg], 612 DN100:5[Kg], 612 DN160:7.2[Kg], 612 DN200:8.1[Kg]
Standard Price	

Contact

VAT JAPAN:
Yokohama Plaza Building, Kinko-cho Kanagawa-ku, Yokohama 221-0056
TEL : +81 45 440 03 40
<URL> http://www.vatvalve.com
<URL> http://www.vatvalve.com/publicCatalog/catContent.aspx?stepNo=3&pLandCd=US&pPage=index.shtml&guid=%7b9C50A0F0-3E5B-4987-8920-E4F2EA860BAE%7d&reiheTyp=I&reiheGuid=%7b9C50A0F0-3E5B-4987-8920-E4F2EA860BAE%7d
<E-mail> JP@vatvalve.com

BCC M415-0000-1A-068-VS24N7-xxx

M12 Mold Type Connector

Features

- Molded connectors
- cordset single-ended female
- different length
- IP67
- cULus LISTED

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인　발루프코리아(유)
경기도 수원시 영통구 광교로 156 1210호
TEL : 031-8064-1757
대리점㈜만희기전
경기도 과천시 궁말로 20번지
TEL : 02-2194-3300
<URL> http://www.balluff.com

BCC M415-0000-2A-068-VS24N7-xxx

M12 Mold Type Connector

Features

- Molded connectors
- cordset single-ended male
- different length
- IP67
- cUlus LISTED

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인　발루프코리아(유)
경기도 수원시 영통구 광교로 156 1210호
TEL : 031-8064-1757
대리점㈜만희기전
경기도 과천시 궁말로 20번지
TEL : 02-2194-3300
<URL> http://www.balluff.com

BCC M415-0000-2A-R03

M12 Mold Resistor

Features

- Molded connectors
- CC-Link Resistor 110 Ohm
- IP67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인 발루프코리아(유)
경기도 수원시 영통구 광교로 156 1210호
TEL : 031-8064-1757
대리점㈜만희기전
경기도 과천시 궁말로 20번지
TEL : 02-2194-3300
<URL> http://www.balluff.com

BCC M415-M414-3A-337-VS24N7-xxx

M12 Mold Type Connector

Features

- Molded connectors
- cordset double-ended female - male
- different length
- IP67
- cULus LISTED

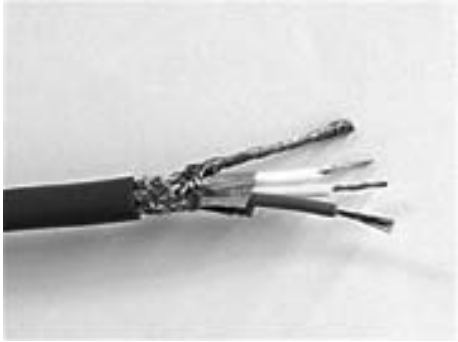
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인 발루프코리아(유)
경기도 수원시 영통구 광교로 156 1210호
TEL : 031-8064-1757
대리점㈜만희기전
경기도 과천시 궁말로 20번지
TEL : 02-2194-3300
<URL> http://www.balluff.com

1348A

CC-Link Communication Cable
Belden Part Number: 1348A (previous number was YR47205)
Compliant with CC-Link Specification 1.10, Capable of 10 Mbps Operation



Features

●Three twisted #20 (7×28) AWG Bare Copper Conductors with Foam High Density Polyethylene Insulation, Aluminum Foil - Polyester Tape (Beldfoil) Shield with 100% Shield Coverage plus Tinned Copper Braid Shield with 78% Shield Coverage, 22 AWG (19×34) Tinned Copper Drain Wire, PVC - Polyvinyl Chloride Outer Jacket. Applicable Specifications: NEC Type CM, UL 1581 Vertical Tray.

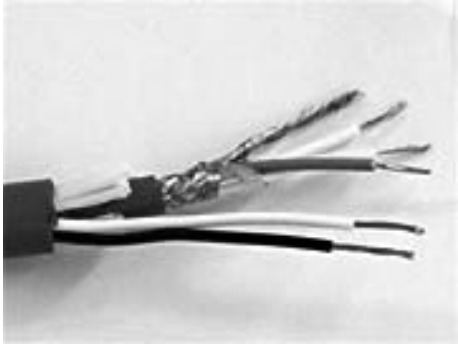
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Belden Electronics Division | CC-Link | Cables・connectors

1349A

CC-Link Communication Cable with Power Conductors
Belden Part Number: 1349A (previous number was YR47198)
Compliant with CC-Link Specification 1.10, Capable of 10 Mbps Operation



Features

●Power Limited Tray Cable (5 conductor) with Three twisted #20 (7×28) AWG Bare Copper Conductors with Foam High Density Polyethylene Insulation, Aluminum Foil - Polyester Tape (Beldfoil) Shield with 100% Shield Coverage plus Tinned Copper Braid Shield with 78% Shield Coverage, and 22 AWG (19×34) Tinned Copper Drain Wire, PVC - Polyvinyl Chloride Inner Jacket, and Two #18 (7×26) Bare Copper Conductors with PVC Insulation and Polypropylene fillers, with an Overall PVC Jacket. Applicable Specifications: UL PLTC, UL 1581 Vertical Tray.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link-compatible M12 Waterproof Connector

A CC-Link-compatible, waterproof IP67 M12 size 4-pin connector.

Features

●M12 connector with Ver. 1.10-dedicated cable (Correns' original)
*1, 2, 3, 5, 10, 20 meters
・Plug connector (male) on one end - Model: VA-4DBX*CCG4
・Socket connector (female) on one end - Model: VA-4DSX*CCG4
・Connector for extension (plug connector on one end + socket connector on one end) - Model: VA-4DSB*CCG

●Terminal resistance M12 connector (Correns' original)
・Terminal resistance plug (resistance: 110Ω)- Model: VA-4DCC-110

●On-site assembled M12 connector - Germany: Hirschmann (Monopolistic import agency: Correns)
・Plug type (male) - Model: ELST4012 PG9
・Socket type (female) - Model: ELKA5012 PG9

●If you have any requests or questions about other wire-saving connectors for the CC-Link (branch types, receptacles, etc.), please do not hesitate to contact the following:

Contact

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	
Mass	
Standard Price	

CC-110 Cable for Fixed Wiring - Compatible with CC-Link Ver. 1.10 -

This cable for fixed wiring is intended for high-speed transmission on CC-Link Ver. 1.10.

Features

●The cable can be used for high-speed transmission at a maximum baud rate of 10 Mbps.

●An outer sheath with outstanding oil resistance and non-flammability is used.

●Double shielding provides the cable a high level of noise resistance.

●The cable is UL-certified (AWM Style 2464).

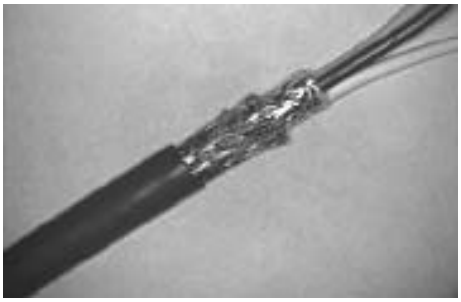
Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 7.9 (max8) mm
Mass	
Standard Price	お問い合わせください

Contact

DYDEN CORPORATION
Factory Automation&Robot Cable Division
Kurume Sales Office TEL : +81-942-51-2121
Tokyo Sales Office TEL : +81-3-5805-5885
Nagoya Sales Office TEL : +81-52-253-9202
Osaka Sales Office TEL : +81-6-6229-1983
<URL> http://www.dyden.co.jp
<E-mail> jyoden@dyden.co.jp

CC-110-5 Cable for Movable Portions - Compatible with CC-Link Ver. 1.10 -

This cable can be used for high-speed transmission on the CC-Link and ensures a high-performance FA network.



Features

- The cable can be used for high-speed transmission at a maximum baud rate of 10 MHz.
- An outer sheath with outstanding oil resistance and non-flammability is used.
- Long-serving shielding is used.
- The cable is UL-certified (AWM Style 2464).

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 9.6 mm
Mass	
Standard Price	お問い合わせください

Contact

DYDEN CORPORATION
Factory Automation&Robot Cable Division
Kurume Sales Office TEL : +81-942-51-2121
Tokyo Sales Office TEL : +81-3-5805-5885
Nagoya Sales Office TEL : +81-52-253-9202
Osaka Sales Office TEL : +81-6-6229-1983
<URL> http://www.dyden.co.jp
<E-mail> jyoden@dyden.co.jp

DAIDEN CO., LTD. | CC-Link | Cables・connectors

CS-110 (PW) Cable for Fixed Wiring with Built-in Power Wire - Compatible with CC-Link Ver. 1.10 -

This cable can be used for high-speed transmission on the CC-Link and ensures a high-performance FA network.
Since the cable has a built-in power wire, power can be supplied to the entire network only with a single cable.
It can reduce wiring further than conventional wiring systems.

Features

- This is a round type of the CS-110 (CC-Link Ver. 1.10-compatible cable for fixed wiring) with a power wire.
- The cable can be used for high-speed transmission at a maximum baud rate of 10 MHz.
- An outer sheath with outstanding oil resistance and non-flammability is used.
- Double shielding provides the cable a high level of noise resistance.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 12 mm
Mass	
Standard Price	お問い合わせください

Contact

DYDEN CORPORATION
Factory Automation &Robot Cable Division
Kurume Sales Office TEL : +81-942-51-2121
Tokyo Sales Office TEL : +81-3-5805-5885
Nagoya Sales Office TEL : +81-52-253-9202
Osaka Sales Office TEL : +81-6-6229-2983
<URL> http://www.dyden.co.jp
<E-mail> jyoden@dyden.co.jp

C-NET-M110

C-NET-M110
CC-Link Communication Cable for fixed use moving, and Compatible with CC-Link Ver. 1.10

Features

- The cable correspond to high-speed transmission at 10Mbps.
- Oil and heat resistance PVC used for outer jacket.
- Tinned annealed copper braid provides the cable with excellent shielding properties.

Station type	
Number of stations occupied	
CC-Link version	Ver. 1.10
External dimensions	Approx. 8.0
Mass	
Standard Price	

Contact

EAST WEST ELECTRIC WIRE CO., LTD.
(ShiHwa Industrial Complex 2Da-101Ho)
1256, JeongWang-Dong, ShiHeng-City, KyeungKi-Do, Korea
TEL : (031) 432-9384
<URL> http://www.ewcable.com

C-NET-S110

C-NET-S110
CC-Link Communication Cable for fixed use, and Compatible with CC-Link Ver. 1.10

Features

- The cable correspond to high-speed transmission at 10Mbps.
- Oil and heat resistance PVC used for outer jacket.
- Aluminun tape and tinned annealed copper braid provides the cable with excellent shielding properties.

Station type	
Number of stations occupied	
CC-Link version	Ver. 1.10
External dimensions	Approx. 7.8
Mass	
Standard Price	

Contact

EAST WEST ELECTRIC WIRE CO., LTD.
#101,Sihwa Industrial Complex 2 Da, Jeongwang 2-dong, Siheung-si, Gyeonggi-do, Korea
TEL : +82-31-432-9384 ~ 6
제조사동서전기㈜
경기도 시흥시 옥구천동로 198(시화공단)2다-101호
TEL : 031-432-9384
<URL> http://www.ewcable.com

Chainflex CFBUS.035 Flexible Cable Compatible with CC-Link ver. 1.10

The flexible CC-Link cable with high bending-resistant performance developed by a manufacturer of cable protection pipes

Features

- The design possible only by a manufacturer of cable protection pipes is adopted for the twist, coat, and braided shield of the cable core. The cable is not easily broken even by continuous bending movement caused in cable protection pipes and has high data transfer performance.
- Especially bending-resistant fine-wire stranded conductor in short pitch
- A highly flexible braided copper shield, minimum bending radius 10 x d during operation
- A low-adhesion, flame-resistant mixture on the basis of TPE, abrasion-resistant and highly flexible, is used for the external cover.
- Excellent flame retardance (according to IEC3332-1, CEI20-35, and FT1)
- High oil-resistance (according to EN60811-2-1), bio-oil-resistance (according to VDMA24568)
- Conforming standard: UL, CSA, CE, and DESINA

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Approx. 8.5 mm
Mass	90 kg/km
Standard Price	お問い合わせください

Contact

igus kk
TEL : +81 3 58 19 20 30
<URL> http://www.igus.co.jp
<E-mail> info@igus.co.jp

LAPP KABEL UNITRONIC® BUS CCL

CC-Link® Network cable for control and information data

Features

- U.I. Lapp GmbH is one of the foremost suppliers of cables and cable accessories worldwide. This is a big advantage for selling this UNITRONIC® BUS CCL to oversea countries because the End-users feel high reliability.
- In case you have any trouble, the global network support worldwide service.
- CC-Link cables of U.I. Lapp GmbH are UL/CSA approved (CM approval or PLTC)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Cable outside diameter 7.7mm
Mass	76.6kg/km
Standard Price	

Contact

현지법인랍코리아
경기도 화성시 장안면 장안공단8길 42
TEL : 031-250-1001 FAX : 031-358-9630

FANC-110SBH Series 20AWG×3 CC-Link Ver. 1.10-Compatible Cable

A standard cable compatible with CC-Link Ver. 1.10.

Features

- By using this cable together with a unit compatible with CC-Link Ver. 1.10, a network can be constructed with fewer restrictions on the station-to-station distance, the total extension distance of the network, etc. than the FANC-SB series.
- The cable can be used for high-speed transmission at 10 Mbps.
- You can select a suitable model for the working environment. The standard type FANC-110SBH complies with UL/c-ULAMW standards.
- The cable can be used in the same manner as the conventional FANC-SB when it is used together with a unit compatible with CC-Link Ver. 1.00.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 7.6 mm / approx. 8.1 mm / approx. 12 mm
Mass	
Standard Price	お問い合わせください

Contact

KURAMO ELECTRIC CO.,LTD (Tokyo Office)
13-10, Nihonbashi honcho 4-chome, Chuo-ku, Tokyo 103-0023, Japan
TEL : 81-3-5644-7601 FAX : 81-3-5644-8231
<URL> http://www.kuramo.co.jp
<E-mail> tokoy1@kuramo.co.jp
<E-mail> eigyo@kuramo.co.jp

FANC-110SBZ-5 0.5 mm²×3 -Link Ver. 1.10-Compatible Cable for Movable Portions

A cable for movable portions compatible with CC-Link Ver. 1.10.

Features

- The cable uses a thinner annealed copper composite twisted wire as the conductor and is available for right-/left-bent portions, cable bearing caterpillars, and movable portions.
- For the outer sheath, an oil-resistant, heat-resistant vinyl mixture is used.
- The transmission distance is half of the CC-Link Ver. 1.10-compatible standard cable (e.g. FANC-110SBH) (50 meters at 10 Mbps).

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 8.0 mm
Mass	
Standard Price	お問い合わせください

Contact

KURAMO ELECTRIC CO.,LTD (Tokyo Office)
13-10, Nihonbashi honcho 4-chome, Chuo-ku, Tokyo 103-0023, Japan
TEL : 81-3-5644-7601 FAX : 81-3-5644-8231
<URL> http://www.kuramo.co.jp
<E-mail> tokoy1@kuramo.co.jp
<E-mail> eigyo@kuramo.co.jp

FANC-SB Series 0.5 mm²×3 CC-Link-Dedicated Cable

A communication cable for CC-Link Ver. 1.00.

Features

- The cable can be used for high-speed transmission at 10 Mbps.
- The oil-resistant standard types FANC-SB and FANC-SBH, and the FANC-SBZ for movable portions are available.
- The FANC-SB and the FANC-SBH are a double shielded type consisting of aluminum polyester laminated tape and a tin-plated annealed copper wire braided wire.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.00
External dimensions	Cable outside diameter approx. 7.0 mm / approx. 8.0 mm
Mass	
Standard Price	お問い合わせください

Contact

KURAMO ELECTRIC CO.,LTD (Tokyo Office)
13-10, Nihonbashi honcho 4-chome, Chuo-ku, Tokyo 103-0023, Japan
TEL : 81-3-5644-7601 FAX : 81-3-5644-8231
<URL> http://www.kuramo.co.jp
<E-mail> tokoy1@kuramo.co.jp
<E-mail> eigyo@kuramo.co.jp

NFPA70/NFPA79 compliant, CC-Link Ver.1.10 compliant cable FANC-110SBH/CM

・NFPA70/NFPA79 compliant(UL444, NEC Type CM).
・Four jacket colors for wiring classification.

Features

- NFPA70/NFPA79 Compliant.
- UL Listed. (UL444, NEC Type CM)
- Oil resistance.
- Heat resistance. (75℃)
- Flame resistance. (UL1685 UL FLAME EXPOSURE(Vertical Tray Flame Test))
- Four jacket colors for wiring classification.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Outside diameter. Approx. 7.6mm
Mass	
Standard Price	

Contact

KURAMO ELECTRIC CO.,LTD (Tokyo Office)
13-10, Nihonbashi honcho 4-chome, Chuo-ku, Tokyo 103-0023, Japan
TEL : 81-3-5644-7601 FAX : 81-3-5644-8231
<URL> http://www.kuramo.co.jp/
<E-mail> tokoy1@kuramo.co.jp
<E-mail> tokyo1@kuramo.co.jp

L45467-Y19-C15

CC-Link Communication Cable
LEONI Part Number: L45467-Y19-C15
Compliant with CC-Link Specification 1.10, Capable of 10 Mbps Operation

Features

●Three twisted #20 (7×28) AWG Bare Copper Conductors with Foam High Density Polyethylene Insulation, Aluminum Foil - Polyester Tape (Beldfoil) Shield with 100% Shield Coverage plus Tinned Copper Braid Shield with about 80% Shield Coverage, 22 AWG (19×34) Tinned Copper Drain Wire, PVC - Polyvinyl Chloride Outer Jacket. Applicable Specifications: NEC Type CM

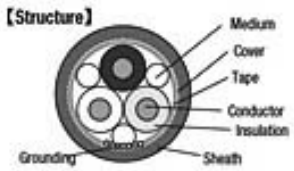
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

LEONI Special Cables (Changzhou) Co., Ltd.
TEL : +86-519-85125671-302
<URL> http://www.leoni.com
<E-mail> susan.zhou@leoni.com

CC-Link Ver.1.10 Communication Cable

CC-Link Ver.1.10 Communication Standard Cable



Features

●Correspond to 10Mbps transmission
●Vinyl-compound insulation material is oil-proof and heat-resistant
●Conductor : AWG#20 (0.5mm2)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

3M Korea Ltd.
21F,Hana Daetoo Securities Bldg., Yeouido-dong, Yeongdeungpo-gu, Seoul, Korea
제조사한국쓰리엠㈜
서울특별시 영등포구 의사당대로 82(하나대투증권빌딩)20층
TEL : 02-3771-4163
<URL> http://solutions.3m.com/wps/portal/3M/ko_KR/WW2/Country/

CC-Link Ver.1.10 Dedicated Fixed Cable for Communication 79100-110SBH

CC-Link Ver.1.10 Dedicated Fixed Cable for Communication

Features

- CC-Link Ver1.10 dedicated
- Optimal cable for communication purposes.
- Nominal cross-sectional area of conductor : 0.5㎟ 2
- Oil & heat resistant PVC used for outer sheath.
- Applicable to the CC-Link one-touch connector plug for communication*.
- * 3M™ Power Clamp Connector Wire Mount Socket 35505-6000-B0M GF

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	7.6㎜
Mass	70(kg/km)
Standard Price	お問い合わせ下さい

Contact

3M Japan Limited
Communication & Electrical Solution Division
Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://www.3m.com/
<URL> http://www.3MConnector.com/
<E-mail> isd-epd.jp@mmm.com

CC-Link Ver1.10 Dedicated High Flexible Cable for Communication 79100-110SBZ-5

CC-Link Ver.1.0 Dedicated High Flexible Cable for Communication

Features

- CC-Link Ver.1.10 dedicated
- Optimal cable for movable area connections.
- Nominal cross-sectional area of conductor : 0.5㎟ 2
- Oil & heat resistant PVC used for outer sheath.
- Applicable to the CC-Link one-touch connector plug for communication*.
- * 3M™ Power Clamp Connector Wire Mount Socket 35505-6000-B0M GF

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	8.0㎜
Mass	70(kg/km)
Standard Price	お問い合わせ下さい

Contact

3M Japan Limited
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Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://www.3m.com/
<URL> http://www.3MConnector.com/
<E-mail> isd-epd.jp@mmm.com
<E-mail> jlin5@mmm.com

Power Clamp Series One-touch Connector for CC-Link

This small-sized connector for power and communication cables offers excellent cable connection workability and long-term reliability.

Features

- Crimping, which ensures high reliability, is used for the connection of connectors to cables.
- No special tools required.
- Neither peeling the sheath off cables nor any other pretreatment is required. Cables can be connected using pliers available on the general market.
- New products lineup: Spring type connector
- Connectors for power cables and those for communication cables are color-coded, and they are equipped with a key for preventing wrong insertion.
- Both high-density packaging and a sufficient current capacity are achieved by 3 mm contact pitches.

Station type	
Number of stations occupied	
CC-Link version	Ver1.1
External dimensions	
Mass	
Standard Price	

Contact

3M Japan Limited
Communication & Electrical Solution Division
Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/Home/Products/ProductCatalog/Catalog/?

Power Clamp Series One-touch Connector for CC-Link (Board side connector, relay/branch socket)

This small-sized connector for power and communication cables offers excellent cable connection workability and long-term reliability.

Features

- No special tool is required.
- Neither peeling the sheath off cables nor any other pretreatment is required. Cables can be connected using pliers available on the general market.
- Both high-density packaging and a sufficient current capacity are achieved by 3 mm contact pitches.
- Relay sockets, which permit hot lines to be inserted and drawn out, are also available.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.1
External dimensions	25.4(L)×8.8(W)×16.5(H) ストレート型 1列タイプ 25.4(L)×17.8(W)×16.5(H) ストレート型 2列タイプ 25.4(L)×18.0(W)×9.3(H) ライトアングル型 1列タイプ 25.4(L)×21.0(W)×18.3(H) ライトアングル型 2列タイプ
Mass	
Standard Price	お問い合わせください

Contact

3M Japan Limited
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TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
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TEL : +81-90-8857-7541
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/Home/Products/ProductCatalog/Catalog/?PC_7_RJH9U5230073D0ISNF9B3C3SI1000000_nid=6S7VGF4CNNit79L6HZ9458glXP4PTHVXSKbl
<E-mail> jlin5@mmm.com

Power Clamp Series One-touch Connector for CC-Link (Connector for CC-Link cables)

This small-sized connector for power and communication cables offers excellent cable connection workability and long-term reliability.

Features

- Crimping, which ensures high reliability, is used for the connection of connectors to cables.
- No special tools required.
- Neither peeling the sheath off cables nor any other pretreatment is required. Cables can be connected using pliers available on the general market.
- Connectors for power cables and those for communication cables are color-coded, and they are equipped with a key for preventing wrong insertion.
- Both high-density packaging and a sufficient current capacity are achieved by 3 mm contact pitches.
- 3mmのコンタクトピッチにより、高密度実装と1極あたり最大10Aの許容電流を実現。

Station type	
Number of stations occupied	
CC-Link version	Ver1.1
External dimensions	25.0(L)×7.4(W)×28.0(H)
Mass	
Standard Price	お問い合わせください

Contact

3M Japan Limited
Communication & Electrical Solution Division
Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/Home/Products/ProductCatalog/Catalog/?PC_7_RJH9U5230O73D0ISNF9B3C3SI1000000_nid=56LKRK415Bit79L6HZ9458gl7KDTFK77ZGbl
<E-mail> jlin5@mmm.com

Power Clamp Series One-touch Connector for CC-Link (Terminator Connector)

CC-Link One-touch Connector sized terminator connector with a built-in resistor.

Features

- Compact size with a built-in resistor.
- Transmission can be checked with a tester probe.
- One-touch lock structure makes it easy to attach/detach with one hand, and also attain strong retention.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	25.0(L)×7.6(W)×28.0(H)
Mass	
Standard Price	お問い合わせください

Contact

3M Japan Limited
Communication & Electrical Solution Division
Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/
<URL> http://www.mmm.co.jp/electrical/connector/fa/power_clamp.html
<E-mail> jlin5@mmm.com

Power Clamp Series Spring type Connector for CC-Link (Connector for CC-Link cables)

This small-sized connector for power and communication cables offers excellent cable connection workability and long-term reliability.

Features

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	32.6(L)×8.8(W)×28.8(H)
Mass	
Standard Price	

Contact

3M Japan Limited
Communication & Electrical Solution Division
Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/Home/Products/ProductCatalog/Catalog/?

U Clamp Series One-touch Connector for Sensor Cables (Board side connector, relay/branch socket)

This small-sized connector offers excellent cable connection workability and long-term reliability.

Features

- ●No special tool is required.
- ●Peeling the sheath off cables or another pretreatment is not required. Cables can be connected using pliers available on the general market.
- ●Connectors to be connected to PC boards come in a rectangular type and a quadruple vertical type with which high-density packaging is achieved.
- ●Relay and branch sockets permit one-to-one cable relay connections and one-to-three signal branch connections.
- ●中継・分岐用ソケットはケーブルの1対1中継と、信号の1対3分岐が可能です。

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Four-row vertical type : 22.0(L)×30.2(W)×17.0(H) mm Rectangular type : 21.2(L)×22.0(W)×10.0(H) mm One-to-one relay : 34.5(L)×35.6(W)×10.0(H) mm Three-direction branch : 34.5(L)×35.6(W)×17.8(H) mm
Mass	
Standard Price	お問い合わせください

Contact

3M Japan Limited
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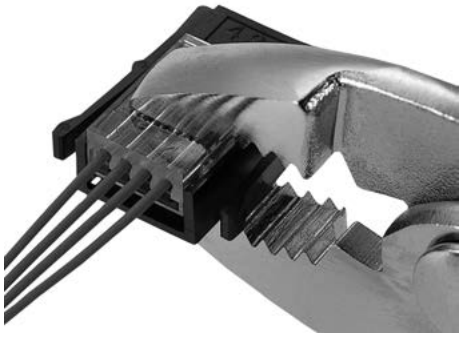
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://www.mmm.co.jp/electrical/index.html
<URL> http://www.mmm.co.jp/electrical/connector/fa/u_clamp.html
<E-mail> ele-ccc.jp@mmm.com

U Clamp Series One-touch Connector for Sensor Cables (Sensor cable connector)

This small-sized connector offers excellent cable connection workability and long-term reliability.



Features

- Crimping, which ensures high reliability, is used for joining connectors to cables.
- No special tool is required.
- Peeling the sheath off cables or another pretreatment is not required. Cables can be connected using pliers available on the general market.
- Five types of connectors in different colors cover a wide variety of sensor cables.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	26.0(L)×24.2(W)×7.1(H)
Mass	
Standard Price	お問い合わせください

Contact

3M Japan Limited
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TEL : +81-52-220-7083
<E-mail>tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://www.mmm.co.jp/electrical/index.html
<URL> http://www.mmm.co.jp/electrical/connector/fa/u_clamp.html
<E-mail> ele-ccc.jp@mmm.com

α 3/TDCC 3X20AWG CC-Link Ver.1.10 Moving part use

Features

- An excellent material in flexibility is used.
- It excels in the conductor and flexibility and the bend thing areexcellent in a possible character because it makes it to the filamentation structure.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	cable outside dimeter approx.9.0mm
Mass	93kg/km
Standard Price	

Contact

Taiyo Cabletec Corporation
21F Meijiyasuda Life Osaka-umeda Bldg.
Umeda 3-3-20 Kita Ward
Osaka P.O.530-0001 JAPAN
TEL : 06-6341-6105
<URL> http://www.taiyocable.com/

CLPA Certified CC-Link Cable ver. 1.10 (PLFEV-AMESB)

Standard CC-Link Ver1.10 Cable for high speed data transmission.

Features

- These cables correspond to 10Mbps transmission.
- Excellent shield effectiveness with double shielded.
- For fixed use : PLFEV-AMESB type

Station type	
Number of stations occupied	
CC-Link version	Ver. 1.10
External dimensions	7.7
Mass	
Standard Price	

Contact

LS Cable&System Ltd.
12nd ~ 17th Fl,LS Tower, 127 LS-ro,Dong-an-gu, Anyang-si,Gyeonggi-do,Korea
TEL : +82-2-2189-9114
제조사 LS전선(주)
경기도 안양시 동안구 LS로 127 12~17층
TEL : 02-2189-9114
대리점 미래개발전선(주)
서울시 용산구 청파로 83 4동 9열 23,24호(한강로3가, 원효전자상가)
TEL : 02-701-9911
<URL> http://www.lscns.com/

CLPA Certified CC-Link Cable ver. 1.10 (ROPLEV-ESB)

Standard CC-Link Ver1.10 Cable for high speed data transmission.

Features

- These cables correspond to 10Mbps transmission.
- Excellent shield effectiveness with double shielded.
- For Movable use : ROPLEV-ESB type

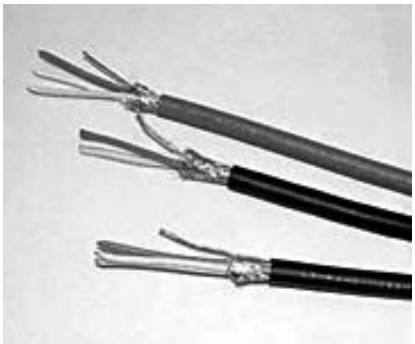
Station type	
Number of stations occupied	
CC-Link version	Ver. 1.10
External dimensions	8
Mass	
Standard Price	

Contact

LS Cable&System Ltd.
12nd ~ 17th Fl,LS Tower, 127 LS-ro,Dong-an-gu, Anyang-si,Gyeonggi-do,Korea
TEL : +82-2-2189-9114
제조사 LS전선(주)
경기도 안양시 동안구 LS로 127 12~17층
TEL : 02-2189-9114
대리점 미래개발전선(주)
서울시 용산구 청파로 83 4동 9열 23,24호(한강로3가, 원효전자상가)
TEL : 02-701-9911
<URL> http://www.lscns.com/

CC-Link dedicated cable compatible with Ver.1.10 (Eco-cable, for fixed portion of outdoor piping, for low temperature fixed sections)

Variations are available to match various working environments.
Use the Ver. 1.10 compatible cable when newly laying the CC-Link.



Features

●EM110SBH Eco-cable
This environment-friendly cable incorporates flameretardant polyolefin for the outer sheath.

●WR110SBH for fixed portion of outdoor piping
This cable with outstanding weather resistance has a polyethylene outer sheath. (Applications: piping, outdoors, under eaves, etc.)

●LT110SBH for low temperature fixed sections
This cable with weather-resistant vinyl outer sheath does not harden easily even at low temperatures.
Working temperature range: -40 to 60℃

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	Cable outside diameter approx. 7.6 mm, 8.1 mm
Mass	70 kg/km
Standard Price	お問い合わせください

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-link/cc_link_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

CC-Link dedicated cable compatible with Ver.1.10 (For fixed sections, for high movement sections, for movement sections, with built-in power)

Variations are available to match various working environments.
FANC-110SBH for fixed sections and SCC110-HMV-7 for high movement sections comply with UL Standards.
Use the Ver. 1.10 compatible cable when newly laying the CC-Link.

Features

●FANC-110SBH for fixed sections
Outstanding shielding properties are attained by using aluminum tape and tinned annealed copper braid.

●FANC-110SBH/CM for fixed sections
This cable is Listed by Underwriters Laboratories Inc. (UL444、NEC Type CM), oil resistant, and high flame retardant.
This cable is compatible with NFPA70, NFPA79.
This cable can be used for a system composed of NFPA70, NFPA79 compatible equipments.

●SCC110-HMV-7 for high movement sections
A high bending performance reaching 1,000,000 times *1 is realized with the insulator (ETFE) with outstanding bending performance and wire structure.
(*1 Value measured under specific conditions)

●FANC-110SBZ-5 for movement sections
Both bending properties and shielding properties are attained by enhancing the braid density.

●PW110SBH with built-in power
This compound type cable contains a power wire that can be wired to supply power to the unit.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10 / Ver.2.00
External dimensions	Cable outside diameter approx. 7.6 mm, 8.0 mm, 12.0 mm
Mass	70 kg/km ～
Standard Price	お問い合わせください

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-link/cc_link_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

CC-Link-dedicated Cable, Terminated Cable, Terminated Parts Set

A wide variety of CC-Link-dedicated cable, terminated cables, and terminated parts sets are available.

Features

- Both ends of the cable for the CC-Link are terminated, so that it can be connected without any treatment (with a round or Y-shaped crimping terminal, marker tube, insulation tube for shielding, and shrink tube).
- With a terminated part set, terminated parts for 50 cables can be prepared at a time.
- Six types of communication cables for the CC-Link are available (dedicated cable, high-performance cable, quakeproof cable, low temperature-resistant cable, Ver. 1.10-compatible cable, cable with built-in wire).

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-52-723-8058

RIV-S050C03S-7 CC-Link Version 1.10-compatible cable (high flexible cable)

Maintaining a high level of durability, this high-spec cable achieves a transmission distance of 70% of a standard cable.

Features

- Transmission distance is 70% of a Version 1.10 standard cable. (Max. 70m for 10 Mbps).
- Increased bend-resistance
  Results of ±90° reciprocal bending cycles: Over 1,000,000 times (suspension rod ϕ10, load 1kg)
- Recommended bending radius R for applications such as U-shaped moving bend (cable, chain, etc.) : 7d or above (d : cable o.b.)
- Superior oil resistant, heat resistant and fire resistant specification

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 8 mm
Mass	
Standard Price	お問い合わせください

Contact

LWC ELECTRONIC CO., LTD
TEL : +86-769-83667180
<URL> http://www.yoshinogawa.co.jp
<E-mail> sun@lapluse.com

CC-Link Version 1.10-compatible flexible cable EM CCNC-SB110SF-5/F

Lead-free mixed vinyl, which is flexible and oil and heat resistant, is used for the sheath.

Features

- Complex soft copper twisted wires superior in flexibility is used for the conductor.
- The cable can be used for high-speed transmission at 10 Mbps and helps the CC-Link display full performance.
- The transmission distance is 50% of that of the standard cable.(Example: Max. 50m at 10Mbps)
- Halogen-free.
- Complies with RoHS directive.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Approx. 8.0 (mm)
Mass	Approx. 70 (kg/km)
Standard Price	

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

CCNC-SB Series CC-Link-Dedicated Cable Version 1.00-compatible

This dedicated cable to the CC-Link is excellent in environmental resistance and can be used for high-speed transmission.

Features

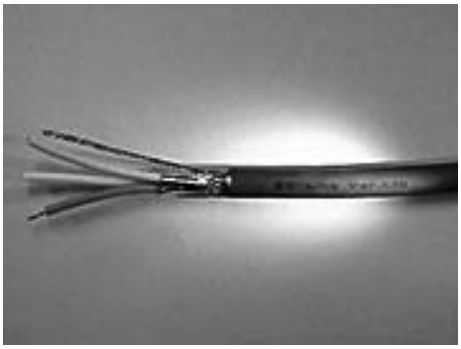
- This cable utilizes a lead-free vinyl compound that features high flexibility, oil-resistance, and heat-resistance, and is now thinner to make wiring easy.
- The cable can be used for high-speed transmission at 10 Mbps and helps the CC-Link display full performance.
- Cables will be cut to your desired length and promptly delivered.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.00
External dimensions	Cable outside diameter approx. 7.0 mm, 8.0 mm
Mass	60 kg/km, 65 kg/km
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

CCNC-SB110H Series CC-Link Ver. 1.10-compatible Cable



Features

- The cable is excellent in nonflammability, oil resistance, and heat resistance, and its flexibility and thinner size make wiring work easier.
- The cable can be used for high-speed transmission at 10 Mbps and helps CC-Link Ver. 1.10 display full performance.
- The standard cable length is 200 meters.
  However, cables will be cut to your desired length and promptly delivered.
- The cable complies with UL/c-UL standards (AWM Style 2464).
  Complies with RoHS directive.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 7.6 mm
Mass	Approx. 70 kg/km
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

CCNC-SB110H+PW

CC-Link Version 1.10-compatible Build-in Power Supply Wire Composite Cable

Features

- CCNC-SB110H (Version 1.10-compatible standard cable) and DC power supply wire are integrated, so transmission and power supply is achieved using one cable in a wire-saving system.
- Compatible with 10Mbps high-speed transmission and sufficient CC-Link Version 1.10 ability has been achieved.
- The outer sheath is made of a lead-free vinyl mixture with exceptional flexibility, heat-resistance and oil-resistance.
  Complies with RoHS directive.
- Sold in coil lengths of 100m or multiples thereof.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 12 (mm)
Mass	Approx. 140 (kg/km)
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

CCNC-SB110SF-5 CC-Link Version 1.10-compatible flexible cable

Features

- Complex soft copper twisted wires superior in flexibility is used for the conductor.
- Lead-free mixed vinyl, which is flexible and oil and heat resistant, is used for the sheath.
  Complies with RoHS directive.
- The cable can be used for high-speed transmission at 10 Mbps and helps the CC-Link display full performance.
  The transmission distance is 50% of that of the standard cable.
  (Example: Max. 50m at 10Mbps)
- The standard cable length is 100 meters.
  However, cables will be cut to your desired length and promptly delivered.

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx. 8.0 mm
Mass	Approx. 75 (kg/km)
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

CC-Link Compatible M12 Connector SAC/SACC Series

Toughness for tolerating any environment with a broad range of variations

Features

- CC-Link compatible cable M12 connector SAC-4P- ... series
- Protection degree IP67
- On-site supporting spring-cage connection SACC-M12 ... series
- Wiring tools are prepared.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Cable outside diameter approx. 7.7 mm
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/
<E-mail> info@phoenixcontact.co.jp

DataCELL Field CC-Link cable - Part Number FPLTC203-005

Northwire, Inc., the leader in manufacturing rugged cables for industrial networking, now includes CC-Link cables in the DataCELL FIELD product line. Designed for use in tough plant environments utilizing networked discrete automation and control.

Features

- Fully shielded with tinned copper braid and full inner foil shield and drain.
- Industry standard red outer jacket or other colors.
- UL-listed and rated for factory floor power limited tray cable (PLTC) and CL2 installations.
- CSA CMX-Outdoor-CMG and FT4 rated.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

DataCELL Field CC-Link cable with 24VDC power - Part Number FPLTC185C-002

Northwire, Inc., the leader in manufacturing rugged cables for industrial networking, now includes CC-Link cables in the DataCELL FIELD product line. Designed for use in tough plant environments utilizing networked discrete automation and control.

Features

- Fully shielded with tinned copper braid and full inner foil shield and drain.
- Industry standard red outer jacket or other colors.
- UL-listed and rated for factory floor power limited tray cable (PLTC) and CL2 installations.
- CSA CMX-Outdoor-CMG and FT4 rated.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Dura&Flex-FCC FEV-AMESB(For Fixed Part) / Dura&Flex-MCC FEV-AMESB(For Moving Part)

Standard for CC-Link Cable Ver. 1.10 for fixed & movable use

Features

- Cables correspond to 10Mbps high speed data transmission
- Excellently efficient for preventing EMI with double shielded
- Characteristics impedance: 110Ω
- Specification : 20AWG X 3C
- Color of Insulation: Blue,Yellow,White
- Color of Jacket: Brown

Station type	
Number of stations occupied	
CC-Link version	Ver.1.1
External dimensions	7.7㎜
Mass	15Kg/200m
Standard Price	

Contact

TEL : 81-02-316-9353 FAX : 81-02-316-9346
제조사대한전선㈜
경기도 안양시 동안구 시민대로 180 G.SQUARE빌딩
TEL : 02-316-9353
<URL> http://www.taihan.com/en/
<E-mail> dnjswntjd@taihan.com

Environment-friendly Movable Compatible with CC-Link Cable EM-CO-CC110-3 0.5SQ X 3C

Environment-friendly movable cable compatible with CC-Link. (Flame resistant polyolefin sheath type)

Features

- Wiring in a movable section is possible as it is a flexible type
- Eco cable using environmental-friendly materials
- Halogen-free, complied with RoHS Directives
- Resistance to flame
- Transmission distance is 30% that of a standard cable (Up to 30 m for 10 Mbps)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

Movable Low Frictional Cable Compatible with CC-Link OHFR-CC110-3 0.5SQ X 3

Movable low frictional cable compatible with CC-Link. Optimal for cable bear wiring.

Features

- It can be used in movable sections such as a bent or cable bear.
- As the outer covering is slippery, meandering and buckling of the cable bear are reduced.
- With less frictional resistance (approximately one-half compared to our existing products), wires can be inserted smoothly in a small space.
- RoHS Directives compliant product using lead-free materials.
- Excellent heat resistance and oil resistance.
- Transmission distance is 30% that of a standard cable. (Up to 30 m for 10 Mbps)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

Movable Low Frictional Compatible with CC-Link Cable EM-CU-CC110-3 0.5SQ X 3C

Low frictional cable compatible with CC-Link with high wear resistance. (Flame resistant low frictional polyurethane sheath type)

Features

- Wiring in a movable section is possible as it is a flexible type
- With low frictional polyurethane sheath, it is optimal for wiring in cable bears
- As polyurethane has excellent wear resistance, it is optimal for measures against dust
- Halogen-free and complied with RoHS Directives by using environmental-friendly materials
- Resistance to flame
- Transmission distance is 30% that of a standard cable (Up to 30 m for 10 Mbps)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

art. No. 2170360 UNITRONIC® BUS CC

CC-Link cable for fixed installation. UL/CSA approved (CM or PLTC)

Features

- Number of cores and AWG size: 3x1xAWG20
- Outer diameter 7.7mm
- Weight approx. 76.6 kg/km

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Outer diameter 7.7mm
Mass	76.6 kg/km
Standard Price	

Contact

현지법인랍코리아
경기도 화성시 장안면 장안공단8길 42
TEL : 031-250-1001 FAX : 031-358-9630
<URL> http://www.lappgroup.com/
<URL> http://static.lappgroup.com/fileadmin/documents/technische_doku/

PN 2170370 UNITRONIC® BUS CC FD P FRNC

CC-Link cable for highflexible use in drag chains. Flame retardant non corrosive.UL recognized AWM 20233 80° 300V

Features

- Number of cores and AWG size: 3x1xAWG20
- Outer diameter 8.5mm
- Weight approx. 84 kg/km

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Outer diameter 8.5mm
Mass	84 kg/km
Standard Price	

Contact

현지법인랍코리아
경기도 화성시 장안면 장안공단8길 42
TEL : 031-250-1001 FAX : 031-358-9630
<URL> http://www.lappgroup.com/
<URL> http://static.lappgroup.com/fileadmin/documents/technische_doku/

LAPP KABEL UNITRONIC® BUS CC

CC-Link® Network cable for control and information data

Features

- U.I. Lapp GmbH is one of the foremost suppliers of cable accessories worldwide.
- UNITRONIC® BUS CC Fieldbus cables provides high speed, deterministic communication linking with a range of automation devices over a single cable.
- Single integrity in high EMC applications.
- Flame resistant,oil resistant,flexible for ease of routing
- UL/CSA approved(CM approval or PLTC)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Cable outside diameter 7.7mm
Mass	76.6kg/km
Standard Price	

Contact

TEL : +49 (0)711 - 7838 - 2670
FAX : +49 (0)711 - 7838 - 4920
<URL> http://www.lappkabel.com/
<E-mail> info@lappkabel.de

BUS M12 connector female 22260136 AB-C5-M12FS-PG9-SH

Features

- M12 field attachable fieldbus connector for CC-Link, screened, high protection class (IP67), a-coded, 5-pole

Station type	
Number of stations occupied	
CC-Link version	Version 1.10
External dimensions	
Mass	
Standard Price	

Contact

TEL : +81 3 58255333
<E-mail> info@kmecs.jp

BUS M12 connector male 22260135 AB-C5-M12MS-PG9-SH

M12 field attachable fieldbus connector for CC-Link, screened, high protection class (IP67), a-coded, 5-pole

Features

Station type	
Number of stations occupied	
CC-Link version	Version 1.10
External dimensions	
Mass	
Standard Price	

Contact

TEL : +81 3 58255333
<E-mail> info@kmecs.jp

S/A T-connector M12 as parallel distributor

Features

●T-connector M12 as parallel distributor for DeviceNet and CANopen in robust design (IP65/IP67)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

TEL : +49 (0) - 7838 - 2670
TEL : +49 (0) - 7838 - 4920

CC-Link Cable [KICC-110SB-F]

Use for CC-LiNK High Speed transmission and for FA Network as fixed application.

Features

- High Speed transmssion of Max. 10MHz
  (Transmission distance : Ver.1.10 70% of Standard Cable <up to 70m transmiision when speed is 10Mbps.)
- Characteristic Impedance : 110Ω
- Characteristic : Oil-Resisitance, Heat-Resistance, Flammability
- Appliance Standard : UL 758, UL 1581
- Individual Spec. : UL AWM Style No.2464

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable Outer Diameter : About 7.6mm
Mass	75kg/km
Standard Price	

Contact

KWANGIL Electric Wire Co., Ltd.
TEL : +82-31-969-1994
FAX : +82-31-969-6767
제조사(주)광일전선
경기도 고양시 덕양구 보광로128번길 30
TEL : 031-969-1994 FAX : 031-969-6767
<URL> http://www.kicable.com/
<E-mail> cw.baek@kicable.com

CC-Link Cable [KICC-110SB-M]

Use for CC-LiNK High Speed transmission and for FA Network as Moving application.

Features

- High Speed transmssion of Max. 10MHz
  (Transmission distance : Ver.1.10 70% of Standard Cable <up to 70m transmiision when speed is 10Mbps.)
- Characteristic Impedance : 110Ω
- Characteristic : Flexibility, Oil-Resisitance, Heat-Resistance, Flammability
- Appliance Standard : UL 758, UL 1581
- Individual Spec. : UL AWM Style No.2464

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable Outer Diameter : About 7.8mm
Mass	75kg/km
Standard Price	

Contact

KWANGIL Electric Wire Co., Ltd.
TEL : +82-31-969-1994
FAX : +82-31-969-6767
제조사(주)광일전선
경기도 고양시 덕양구 보광로128번길 30
TEL : 031-969-1994 FAX : 031-969-6767
<URL> http://www.kicable.com/
<E-mail> cw.baek@kicable.com

CC Link Bus 800497

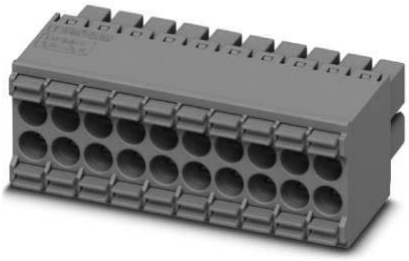
Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

DFMC 1,5/ 5-ST-3,5 AU

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.



Features

●Connection: Push-in Spring
Features: Gold contact, Dublle-row、High density
Voltage/Current: 160 V / 8 A
Pitch: 3.5 mm
Poles: 10 (5 poles x 2 rows)
Connection wire(Solid/Stranded)：0.2-1.5 / 0.2-1.5 mm2
Mating socket：Please select from DMC 1,5/ 5-G1-3,5 P20THR AU and DMCV 1,5/ 5-G1-3,5 P20THR AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

DFMC 1,5/ 5-STF-3,5 AU

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Push-in Spring
Features: Gold contact, Dublle-row, High density, With screw flange
Voltage/Current: 160 V / 8 A
Pitch: 3.5 mm
Poles: 10 (5 poles x 2 rows)
Connection wire(Solid/Stranded) : 0.2-1.5 / 0.2-1.5 mm2
Mating socket : Please select from DMC 1,5/ 5-G1F-3,5-LR P20THR AU and DMCV 1,5/ 5-G1F-3,5-LR P20THR AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

DMC 1,5/ 5-G1-3,5 P20THR AU

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.

Features

●PCB mounting type: Flow soldering, Through hole reflow
Direction: Angle, Plug in direction parallel to the PCB
Features: Gold contact, Double-row
Voltage/Current: 160 V / 8 A
Pitch: 3.5 mm
Poles: 5

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

DMC 1,5/ 5-G1F-3,5-LR P20THR AU

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.

Features

●PCB mounting type: Flow soldering, Through hole reflow
Direction: Angle, Plug in direction parallel to the PCB
Features: Gold contact, Double-row, With threaded flange
Voltage/Current: 160 V / 8 A
Pitch: 3.5 mm
Poles: 5

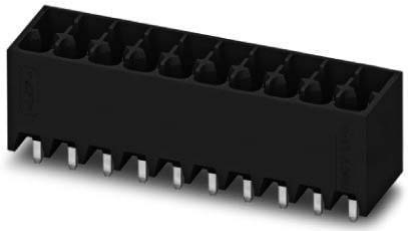
Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

DMCV 1,5/ 5-G1-3,5 P20THR AU

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.



Features

●PCB mounting type: Flow soldering, Through hole reflow
Direction: Straight, Plug in direction vertical to the PCB
Features: Gold contact, Double-row
Voltage/Current: 160 V / 8 A
Pitch: 3.5 mm
Poles: 5

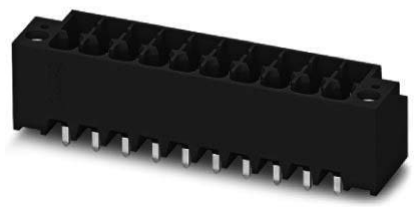
Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

DMCV 1,5/ 5-G1F-3,5-LR P20THR AU

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.



Features

●PCB mounting type: Flow soldering, Through hole reflow
Direction: Straight, Plug in direction vertical to the PCB
Features: Gold contact, Double-row, With threaded flange
Voltage/Current: 160 V / 8 A
Pitch: 3.5 mm
Poles: 5

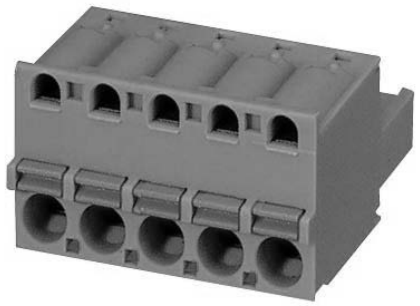
Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

FKC 2,5/ 5-ST-5,08 AU (1967919)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.



Features

●Connection: Push-in Spring
Features: Gold contact
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket: Please select from MSTB 2,5/ 5-G-5,08 AU, MSTBA 2,5/ 5-G-5,08 AU, MSTBV 2,5/ 5-G-5,08 AU and MSTBVA 2,5/ 5-G-5,08 AU.

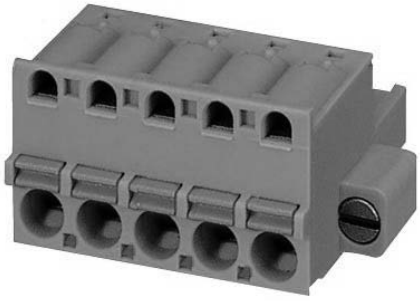
Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

FKC 2,5/ 5-STF-5,08 AU (1945672)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.



Features

●Connection: Push-in Spring
Features: Gold contact, With screw flange
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded)：0.2-2.5 / 0.2-2.5 mm2
Mating socket：Please select from MSTB 2,5/ 5-GF-5,08 AU and MSTBV 2,5/ 5-GF-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

FKCT 2,5/ 5-STF-5,08 AU (1966907)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Push-in Spring
Features: Gold contact, With screw flange
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded)：0.2-2.5 / 0.2-2.5 mm2
Mating socket：Please select from MSTB 2,5/ 5-GF-5,08 AU and MSTBV 2,5/ 5-GF-5,08 AU.

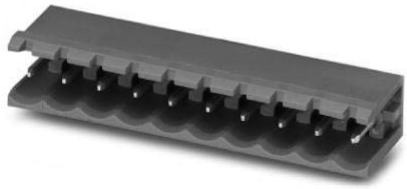
Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MSTB 2,5/ 5-G-5,08 AU (1752360)

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.



Features

●PCB mounting type: Flow soldering
Direction: Angle, Plug in direction parallel to the PCB
Features: Gold contact, Without side panels
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MSTB 2,5/ 5-GF-5,08 AU (1876631)

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.

Features

●PCB mounting type: Flow soldering
Direction: Angle, Plug in direction parallel to the PCB
Features: Gold contact, With threaded flange
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MSTB 2,5/ 5-ST-5,08 AU (1752399)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Screw
Features: Gold contact
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket: Please select from MSTB 2,5/ 5-G-5,08 AU, MSTBA 2,5/ 5-G-5,08 AU, MSTBV 2,5/ 5-G-5,08 AU and MSTBVA 2,5/ 5-G-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MSTB 2,5/ 5-STF-5,08 AU (1876628)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Screw
Features: Gold contact, With screw flange
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket : Please select from MSTB 2,5/ 5-GF-5,08 AU and MSTBV 2,5/ 5-GF-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MSTBA 2,5/ 5-G-5,08 AU (1748222)

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.

Features

●PCB mounting type: Flow soldering
Direction: Angle, Plug in direction parallel to the PCB
Features: Gold contact, With side panels
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MSTBV 2,5/ 5-G-5,08 AU (1748837)

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.

Features

●PCB mounting type: Flow soldering
Direction: Straight, Plug in direction vertical to the PCB
Features: Gold contact, Without side panels
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5

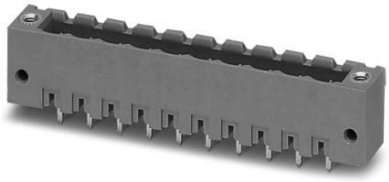
Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MSTBV 2,5/ 5-GF-5,08 AU (1806737)

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.



Features

●PCB mounting type: Flow soldering
Direction: Angle, Plug in direction parallel to the PCB
Features: Gold contact, Without threaded flange
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MSTBVA 2,5/ 5-G-5,08 AU (1746059)

Header of PCB plug-in connectors for CC-Link
Please check the plug selection for cable connection side.

Features

●PCB mounting type: Flow soldering
Direction: Straight, Plug in direction vertical to the PCB
Features: Gold contact, With side panels
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MVSTBR 2,5/ 5-ST-5,08 AU 1783928

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Screw
Features: Gold contact
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket: Please select from MSTB 2,5/ 5-G-5,08 AU, MSTBA 2,5/ 5-G-5,08 AU, MSTBV 2,5/ 5-G-5,08 AU and MSTBVA 2,5/ 5-G-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MVSTBR 2,5/ 5-STF-5,08 AU (1916902)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Screw
Features: Gold contact, With screw flange
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket : Please select from MSTB 2,5/ 5-GF-5,08 AU and MSTBV 2,5/ 5-GF-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MVSTBW 2,5/ 5-ST-5,08 AU (1810286)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Screw
Features: Gold contact
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket: Please select from MSTB 2,5/ 5-G-5,08 AU, MSTBA 2,5/ 5-G-5,08 AU, MSTBV 2,5/ 5-G-5,08 AU and MSTBVA 2,5/ 5-G-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

MVSTBW 2,5/ 5-STF-5,08 AU (1908253)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Screw
Features: Gold contact, Dublle-raw, T shape
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket : Please select from MSTB 2,5/ 5-GF-5,08 AU and MSTBV 2,5/ 5-GF-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

TFKC 2,5/ 5-ST-5,08 AU (1965461)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Push-in Spring
Features: Gold contact, T shape
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket: Please select from MSTB 2,5/ 5-G-5,08 AU, MSTBA 2,5/ 5-G-5,08 AU, MSTBV 2,5/ 5-G-5,08 AU and MSTBVA 2,5/ 5-G-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

TFKC 2,5/ 5-STF-5,08 AU (1962590)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Push-in Spring
Features: Gold contact, T shape, With screw flange
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket : Please select from MSTB 2,5/ 5-GF-5,08 AU and MSTBV 2,5/ 5-GF-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

TMSTBP 2,5/ 5-ST-5,08 AU (1877973)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Screw
Features: Gold contact, T shape
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5 / 0.2-2.5 mm2
Mating socket: Please select from MSTB 2,5/ 5-G-5,08 AU, MSTBA 2,5/ 5-G-5,08 AU, MSTBV 2,5/ 5-G-5,08 AU and MSTBVA 2,5/ 5-G-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

TMSTBP 2,5/ 5-STF-5,08 AU (1908732)

PCB plug-in connectors for CC-Link
Please check the socket selection for PCB side.

Features

●Connection: Screw
Features: Gold contact, T shape、With screw flange
Voltage/Current: 250 V / 12 A
Pitch: 5.08 mm
Poles: 5
Connection wire(Solid/Stranded) : 0.2-2.5/0.2-2.5 mm2
Mating socket : Please select from MSTB 2,5/ 5-GF-5,08 AU and MSTBV 2,5/ 5-GF-5,08 AU.

Station type	5
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/

100ZCLK-SB-20AWB×3C

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

SWCC SHOWA CABLE SYSTEMS CO., LTD. | CC-Link | Cables・connectors

110Ω Series CC-Link Cable 110ZCLK-SB-20AWG×3C Cable

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

<URL> http://www.swcc.co.jp

mobile industrial cable

Features

●1, CC-Link high speed data communication connector noise to maintain normal communication for at least 10 minutes in the noise voltage under 1000V + (no retry error) performance is stable, high speed transmission can be as high as 10Gbps data stream, anti interference 5 MHZ 110 + 6 MHZ, bottom loss less than 3.5dB/100m 5MHZ
2, will not rust, high hardness, not easy to scrape flowers

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	200mm、9000mm、1000mm、2000mm、3000mm、5000mm、10000mm、20000mm、50000mm
Mass	
Standard Price	

Contact

Robert Guo
TEL : 0755-29567233
<URL> http://szalex.com/
<URL> http://szalex.com/product/7.htm
<E-mail> robert@szalex.com
<E-mail> nature@szalex.com

UNI-FLEX CCLink

Under development

Features

●Under development

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

<URL> http://www.nichigoh.co.jp/company/index.html

CC-LINK V1.10-F 3C×20AWG

A cable for movable portions compatible with CC-Link Ver. 1.10

Features

- By using this cable together with a unit compatible with CC-Link Ver. 1.10
- The cable can be used for high-speed transmission at 10 Mbps
- Optimal cable for movable area connections
- The transmission distance is 30% of the CC-Link Ver. 1.10-compatible standard cable (e.g. CC-LINK V1.10-S) (30 meters at 10 Mbps)

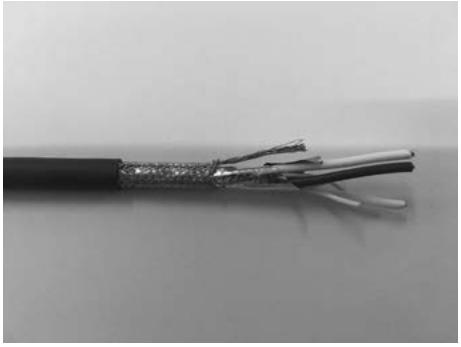
Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx 9.0mm
Mass	100kg/km
Standard Price	Contact for more information

Contact

Shanghai Powerful Automation Technology Development Co.,Ltd
TEL : +86-021-56591078
<URL> http://www.sh-powerful.com/
<E-mail> shanghai_pwf@163.com

CC-LINK V1.10-S 3C×20AWG

A standard cable compatible with CC-Link Ver. 1.10



Features

- By using this cable together with a unit compatible with CC-Link Ver. 1.10
- The cable can be used for high-speed transmission at 10 Mbps
- Double shielding provides the cable a high level of noise resistance

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	Cable outside diameter approx 7.5mm
Mass	80kg/km
Standard Price	Contact for more information

Contact

Shanghai Powerful Automation Technology Development Co.,Ltd
TEL : +86-021-56591078
<URL> http://www.sh-powerful.com/
<E-mail> shanghai_pwf@163.com

GX Configurator - CC SW□D5C-J61P Configurator for CC-Link

Features

- The master parameters for A series master modules can be set.
- The configurator can upload, download, monitor, and test the parameters for the remote device stations connected to a Q, QnA, or A series master module.
- The buffer memory for the AJ65BT-R2 can be set via an A series master module.
- The configurator incorporates a variety of diagnosis functions.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

GX Developer SW□D5C-GPPW MELSEC Programming Software

Features

- On the QCPU (Q mode) or QnA series, parameters can be set without using any sequence program by setting them at "Network parameters (CC-Link) " of GX Developer.
- On the Q, QnA, or A series, networks can be monitored using "CC-Link diagnosis" of GX Developer.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

GX Works2 SW1DNC-GXW2-E

Programmable Controller Engineering Software
The Next Generation in Industrial Programming

Features

- On the Q or L series, parameters can be set without using any sequence program by setting them at "Network parameters (CC-Link) " of GX Works2.
- On the Q or L series, networks can be monitored using "CC-Link diagnosis" of GX Works2.

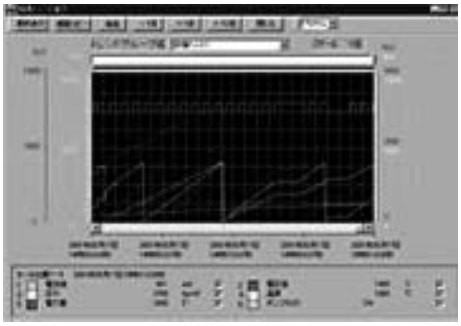
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MP1-DAQ Mitsubishi General-purpose PLC MELSEC-compatible Data Collection Personal Computer Software Package

This is the logger most suitable for FA/PA equipment and ready for practical use.



Features

- The package is ready to use for various applications and ensures data collection at high speed.
- Data is written to databases in real time.
- The package has diverse CSV file outputs.
- Graphic screens can be created with ease.
- The package can be connected to different PLC networks (MELSEC/10, MELSECNET/H, Ethernet, CC-Link, RS-232C).
- The package selects and displays the appropriate recovery manual, recipe, etc. for the warning issued.
  ☆"MP1-DAQ-HS," which can collect data in only 0.1 second, has been introduced to the line!

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

DeviceXPlorer OPC Server (DXPENT)

An OPC server compatible with CC-Link boards and SLMP protocol.

Features

- Mitsubishi MELSEC Full-support
- Compatible with Windows 7
- Multiple Luanguage (Japanese, English, Chinese)
- RAS Diagnostics
- Ready to use with SCADA Software

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

TAKEBISHI Corporation
Machinery and Electric Machine Division, Engineering Department
29 Mamedacho Nishikyogoku Ukyoku Kyoto 615-8501, JAPAN
TEL : +81-75-325-2172 FAX : +81-75-325-2273
<URL> http://www.takebishi.co.jp/english/
<URL> http://www.faweb.net/us/opc/

MELSEC Board DAServer (Q8BDAS)

An communication software for Wonderweare's SCADA compatible with CC-Link boards and SLMP protocol.

Features

- Mitsubishi MELSEC Boards are supported
- Directly access to CC-Link devices, Ww/Wr
- Device Integration for Wonderware ArchestrA
- Hot Configuration available
- Remote Configuration available

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

TAKEBISHI Corporation
Machinery and Electric Machine Division, Engineering Department
29 Mamedacho Nishikyogoku Ukyoku Kyoto 615-8501, JAPAN
TEL : +81-75-325-2172 FAX : +81-75-325-2273
Takebishi Electric Sales Shanghai Limited
TEL : +86-21-6875-6680
<URL> http://www.takebishi.co.jp/english/
<URL> http://www.faweb.net/us/das/

MELSEC Interface Board-compatible I/O Server

This CC-Link communication drive is compatible with Wonderware InTouch/InSQL.

Features

- The server accesses not only the CC-Link device Ww/Wr but also sequencer devices.
- The server is compatible with SCADA "InTouch" of Wonderware, the U.S., and the high-speed relational database "InSQL. " Visual Basic and Excel are also available.
- The server is compatible with the MELSECNET10/H, A-BUS boards, and ACPU boards.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	68,000円(税別)

Contact

TAKEBISHI Corporation
Machinery and Electric Machine Division, Engineering Department
29 Mamedacho Nishikyogoku Ukyoku Kyoto 615-8501, JAPAN
TEL : +81-75-325-2172 FAX : +81-75-325-2273
<URL> http://www.faweb.net
<E-mail> fa-support@takebishi.co.jp

MELSEC OPC Server

An OPC server compatible with CC-Link boards.

Features

- The OPC server is compatible with OPCDataAccess 2.0 and conforms to its specifications.
- The OPC server is compatible with Mitsubishi Electric's CC-Link boards (A80BD-J61BT11/13).
- Besides the CC-Link, Ethernet and computer links can also be connected to the server.
- The OPC server can be used together with SCADAs compatible with it.

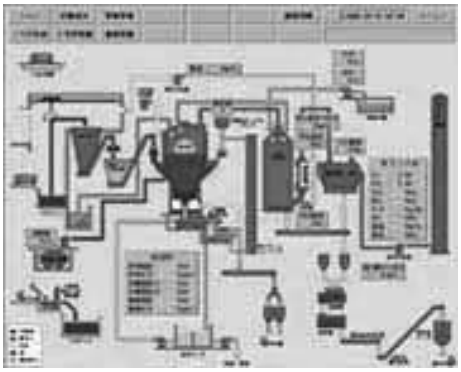
Station type	
Number of stations occupied	1 to 4 stations
CC-Link version	
External dimensions	
Mass	
Standard Price	58,000円(税別)

Contact

TAKEBISHI Corporation
Machinery and Electric Machine Division, Engineering Department
29 Mamedacho Nishikyogoku Ukyoku Kyoto 615-8501, JAPAN
TEL : +81-75-325-2172 FAX : +81-75-325-2273
<URL> http://www.faweb.net
<E-mail> fa-support@takebishi.co.jp

Software Monitor Maker Mitaro32 for HMI Development

This tool offers strong support to Web monitoring and remote maintenance systems.



Features

- Data can be smoothly shared with the CC-Link at high speed.
- Graphics can be monitored and collected data can be browsed on the Web.
- E-mail alarms can be transmitted and remote-operated.
- User-created programs can be pasted on graphic screens.
- Documents can be easily created without using any program.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link-compatible EHLT02 handy line tester

Supports to start the CC-Link system.
Checking the operation of remote station is enabled without master station.

Features

●Master function
For systems without master station, monitoring the input signal (RX, RWr) of the connected child station and test of the output signal (RY, RWw) are enabled. Monitor and test of the buffer memory are also enabled.

●Monitor/test by station
Indicating by station (unit) makes checking easier than indication of complicated and large number of device No.

●Variable format of monitor/test
Monitors and tests the device data in binary form, octal number, decimal number, hexadecimal number, binary-coded decimal (BCD) number, of character string (indication only). 32-bit (2-word) data is also processed.

●Automatic CC-Link function
Automatically identifies the connected system configuration without parameter setting, and starts the data link. (Operation in the remote net Ver.1 mode)

●CC-Link diagnosis
Checks the data link status of the connected units and also the cause of error state.
[CC-Link diagnosis items]
Local station monitor, remote station monitor, all station line test, and specified station line test

●Registers remote device station initialization procedure
Processes the remote device station as equivalent of the initial setting with the sequence program when data link starts. Up to 32 procedures can be set for one remote device station.

●Storing parameters
The set parameters, which can be stored up to 10, save the trouble of setting parameters to be used in the same system.

Station type	
Number of stations occupied	
CC-Link version	Corresponds to Ver.1/Ver.2 (Connects the CC-Link dedicated cable to attachment connector.)
External dimensions	96(W)×188(H)×36.5(D) mm
Mass	0.39 kg
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-568-36-2068 (Tech support)

SRP-CL4

Slip ring for data communication and control.
It provides with the high quality,long life and durability in small body.

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

ENDO KOGYO Co.,Ltd. HEAD OFFICE
TEL : 0256-62-5133
<E-mail> niigata-office@endo-kogyo.co.jp
Please inquire. Sales to forein countries are possible.

SRP-CL4H

Slip ring for data communication and control.
It provides with the high quarity,long life and durability in small body.

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

ENDO KOGYO Co.,Ltd. HEAD OFFICE
TEL : 0256-62-5133
<E-mail> niigata-office@endo-kogyo.co.jp
Please inquire. Sales to forein countries are possible.

ENDO KOGYO CO.,LTD. | CC-Link | Wiring parts

SRP-CL4HP Slip ring for communication and control

This slip ring can communicate and control with the rotating equipment or monitoring equipment.
It's also small, provides high quality, long life and durability.
A broad product line offers a wide selection.
We offer product range tailored to the needs, like a special models which combined with high capacity

Features

● ・To improve usability, add 5 A * 2 poles control power and the ground wire to the communication type slip ring.
・Also Hollow shaft can cope with a variety of layouts.
・The new brush system that realized uninterrupted communication and it's improved reliability.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CHUBU NIHON MARUKO CO., LTD. | CC-Link | Wiring parts

Rotary Link Connector® RLC-3-55-CL (Compatible with CC-Link)

Rotary Link Connector®(RLC®) is an optical electronic interconnect device for signal transmission and power supply through a rotational interface allowing 360 rotation between a stator and a rotor section.

Features

●RLC-3-55-CL is compatible with CC-Link (Control & Communication Link).
It is capable of non-contacting CC-Link signal transmission, DC12V/0.63A non-contacting power supply, and 360-degree continuous rotation through a rotational interface. This enables isolation connection of PLC with a sensor and control device. For example, the product permits mounting of an I/O unit, etc. on a rotary table, and at the same time eliminates limits on the operating range. With regard to power supply, the product is capable of transmitting higher electric power in conjunction with a slip ring.

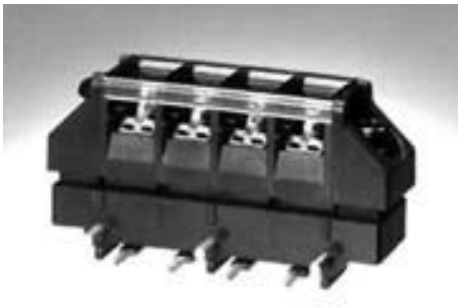
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	55X81mm shaft dia.8.0mm
Mass	300gMAX
Standard Price	Please make inquiries using the website request form.

Contact

Chubu Nihon Maruko co.,ltd.
TEL : +81-568-79-6512 FAX : +81-568-79-6503
<URL> http://nmg-interconnect.com/index_en.html
<E-mail> info@cnmaruco.co.jp

KEC-NS0604 4P Terminal Block with Mounted Circuit Board

This is a PC board-packeged type 4pins terminal block for CC-Link-connected units.



Features

- The terminal block is a two-piece & right-angle type.
- The two-piece detachable structure improves work efficiency.
- A right-angle design to be installed in panels.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	51.5mm(H)×25.5mm(W)×12mm(D)
Mass	
Standard Price	

Contact

KITAZAWA ELECTRIC WORKS CO., LTD.
FAX : 0265-82-3353
<E-mail> nagano@kitazawadenki.co.jp

KITAZAWA ELECTRIC WORKS Co., LTD. | CC-Link | Wiring parts

KEC-NS0707 7P Terminal Block with Mounted Circuit Board

This is a PC board-packeged type 7pins terminal block for CC-Link-connected units.

Features

- The terminal block is a two-piece type.
- The two-piece detachable structure improves work efficiency.
  [The main body has no cover.]

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	46.9mm(H)×31.5mm(W)×23mm(D)
Mass	
Standard Price	

Contact

KITAZAWA ELECTRIC WORKS CO., LTD.
FAX : 0265-82-3353
<E-mail> nagano@kitazawadenki.co.jp

KEC-U229-7A 7P Terminal Block with Mounted Circuit Board

This is a PC board-packeged type 7pins terminal block for CC-Link-connected units.

Features

- The terminal block is a screw-up, two-piece type.
- The screw-up system can significantly reduce labor, saving in wiring work.
- The two-piece detachable structure improves work efficiency.
- The terminal block ensures a higher level of safety by incorporating a finger protector.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	37.12mm(H)×29.5mm(W)×22mm(D)
Mass	
Standard Price	

Contact

KITAZAWA ELECTRIC WORKS CO., LTD.
FAX : 0265-82-3353
<E-mail> nagano@kitazawadenki.co.jp

SRC-CC7P CC-Link-compatible Slip Ring System

This slip ring system offers reliable communication with a rotating body and power supply.

Features

- The system can transmit signals to and communicate with a rotating body.
- Sensors or I/O units become available for a rotating body upon receipt of a command from the CC-Link master station.
- The system can transfer data to a rotating body at high speed.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	ϕ180×140 L
Mass	Approx. 3 kg
Standard Price	お問い合わせください

Contact

NICHIDEN (SHANGHAI) CO., LTD.
TEL : +86-21-54894108
<URL> http://www.kyoeidenki.jp
<E-mail> info@kyoeidenki.jp

Optical Repeater Module AJ65SBT-RPS/AJ65SBT-PRG

The module can extend the transmission distance of CC-Link systems.

Features

●The transmission distance for CC-Link systems can be extended if two sets of AJ65SBT-RPS type (for SI/GSI type optical fiber cables) or AJ65SBT-RPG (for GI type optical fiber cables) are used together in combination. The transmission distance can be extended in three steps at the maximum (in two steps at the maximum if AJ65SBT-RPG type is used) if the repeaters are used together in plural number.

●The module makes T-branch wiring possible in CC-Link systems.
If the module is connected between the units in CC-Link system, the T-branch wiring becomes possible.

●Stable system resistant to noses
Optical fiber cables help to avoid troubles caused by noises and improve the stability of systems if the optical fiber cables are used for brancing or extending circuits.

Station type	no point occupied by station
Number of stations occupied	—
CC-Link version	—
External dimensions	50(H)×118(W)×40(D)[mm]
Mass	0.2kg
Standard Price	40,000円(RPS)、130,000円(RPG)

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Repeater Hub Module Spring Clamp Terminal Block Type AJ65BTS-RPH

Star wiring, extension of bus lines, spring clamp terminal block type

Features

●Based on overall communication speed of the CC-Link a maximum of an 8 branch (segment) star wiring (T-branch) connection is possible.

●Achieving extension of transmission distance of the CC-Link system: You can use a plurality of units to extend the transmission distance up to two steps.

●Achieving workload saving by the spring clamp terminal block: Because you do not need to fasten any screw, your man-hours can be considerably reduced. The terminal block can be removed from the module. So, maintenance cost can be reduced, and maintenance performance can be enhanced.

●Improving maintenance performance by separating the system: You can quickly find the very cause of a trouble. As the system can be separated, you can reduce its influence on the entire system even if a trouble has occurred.

Station type	—
Number of stations occupied	—
CC-Link version	—
External dimensions	65(H)×197.5(W)×66(D)[mm]
Mass	0.37kg
Standard Price	75,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Repeater Hub Module Thin Waterproof Type AJ65FBTA-RPH

Water proof construction enables outside installation.

Features

●8 branch star wiring can be used with 1 module
Based on overall communication speed of the CC-Link a maximum of an 8 branch (segment) star wiring connection is possible.

●maximum of 1200 m per branch based on the repeater function, and furthermore extension is possible using a 2 stage connection.
The maximum transmission distance per branch (segment) can be extended to 1200 m (for 156 kbps). By connecting a hub to each branch, it is possible to extend further.

●Through waterproof and dustproof construction the IP67 can be set up outside enabling enhancement of construction and reduction of installation cost.

●Addition to existing equipment can be performed easily.
Can be added to existing equipment and a flexible network can be configured.

Station type	no point occupied by station
Number of stations occupied	—
CC-Link version	—
External dimensions	200(H)×60.3(W)×48(D)[mm]
Mass	0.31kg
Standard Price	75,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Repeater T-branch Module AJ65SBT-RPT

T-branch wiring can be made on a CC-Link system.

Features

●By placing this module between modules on a CC-Link system, T-branch wiring can be made on it at all baud rates (10 Mbps, 5 Mbps, 2.5 Mbps, 625 kbps, 156 kbps).

●The transmission distance of a CC-Link system can be extended.
With this module, the transmission distance of a CC-Link system can be extended.
Additionally, the transmission distance can be extended up to ten stages if two or more modules are used.

Station type	no point occupied by station
Number of stations occupied	—
CC-Link version	—
External dimensions	54(H)×87.3(W)×40(D)[mm]
Mass	0.2kg
Standard Price	24,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

FA-TK72 Simplified Type T-branch Module

This branch module is compatible with diversified CC-Link cables.

Features

- Three-core and five-core dedicated cables to the CC-Link can be T-branched.
- A power supply of up to 8 A is available when a cable with a built-in power wire is used.
- Terminal resistance can be easily set by operating the switches.
- The terminal blocks are independently detachable.
- The module can be mounted with screws or on a DIN rail.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	115 g
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-52-723-8058

One-touch Type Conversion Module FA-CB*

The man-hours required for wiring a connector type I/O module for the CC-Link (input module: AJ65SBTCF1-32D or AJ65BTC1-32D, output module: AJ65SBTCF1-32T or AJ65BTC1-32T) to a sensor or load have been drastically reduced.

Features

- Thirty-two input/output signal points can be connected with only one cable. They can be divided into blocks of eight or 16 points for distributed arrangement.
- One-touch connectors make the connection and disconnection of sensors, etc. easy. Wires can be crimped without peeling the sheath.
- Both two-wire type and three-wire type sensors can be connected to the module.
- The module can be mounted with screws or on a DIN rail.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	FA-CB8XY* : 90(W)×50(H)×41(D) mm FA-CB16XY*: 148(W)×50(H)×41(D) mm
Mass	FA-CB8XY*: 80 (g), FA-CB16XY*: 114 (g)
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-52-723-8058

Terminal Block Type Conversion Module FA-TB*

This terminal block type module is for connecting a CC-Link connector type I/O module (input module: AJ65SBTCF1-32D or AJ65BTC1-32D, output module: AJ65SBTCF1-32T or AJ65BTC1-32T, input/output module: AJ65SBTCF1-32DT or AJ65VBTCF1-32DT) to a sensor and a load.

Features

- Thirty-two input/output signal points can be divided into blocks of eight or 16 points for distributed arrangement (eight-point and 16-point distributed types).
- Self-up screws make the connection of round type crimping terminals easy.
- Both two-wire type and three-wire type sensors can be connected directly to the module (eight-point and 16-point distributed types).
- The module can be mounted with screws or on a DIN rail.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	FA-TB8XY*: 90(W)×50(H)×41.5(D) mm FA-TB16XY*: 148(W)×50(H)×41.5(D) mm FA-TB32XY/16X16Y: 156(W)×40(H)×42.5(D) mm
Mass	FA-TB8XY*: 114(g), FA-TB16XY*: 177(g), FA-TB32XY/16X16Y: 156(g)
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-52-723-8058

Waterproof Type T-branch Module, Waterproof Type Connector, Cable with Waterproof Type Connector

With waterproof dedicated cables to the CC-Link, T-branching and various wiring patterns can be realized.

Features

- The waterproof type T-branch module comes in two types; for communication lines and for cables with a power wire.
- The waterproof type T-branch module can be installed in horizontal and vertical directions with screws.
- The wires and cables from a control panel can be relayed with a waterproof connector (IP67).
- The waterproof connectors are easy to attach and detach.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-52-723-8058

Baumcoupler 3TA, 3TB series (Slip-ring for CC-Link)

Baumcoupler is a customized slip-ring that can transmit the signal and power to a rotation structure.

Features

- Transmits the electric power and signal from a stationary to a rotation structure.
- Baumcoupler is a customized slip-ring; therefore, we can build a machine considering with your space and electrical specifications.
- Transmits the electricity from a very small signal (communication signal) to power line (motor power supply and etc...) with a silver alloy contact point system!
- Maintenance is not required to 1 million rotations. Moreover, it can be used the maximum of 20 million rotations by the periodic application of contact grease.
- The maximum number of pole is 200.

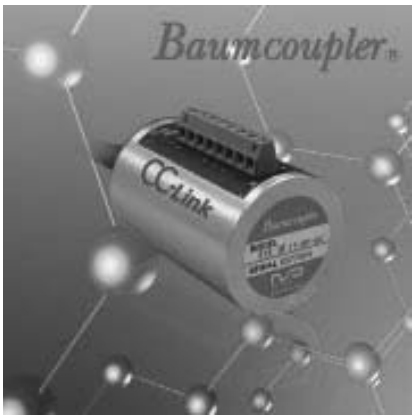
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Please ask NSD representative.

Contact

NSD Trading Corporation (NSD Group)
TEL : +81-52-261-2352
<URL> http://www.nsdcorp.com
<E-mail> foreign@nsdcorp.co.jp

NSD's Slip-ring Baumcoupler® 3TEΦ17-8P-CC

The compact size (Φ43) slip-ring "3TE Series" can transmit the power and data to a rotation structure simultaneously.



Features

- Compact size (Φ43×87)
- Transmits the power (24VDC 3A) and data at the same time!
- Permissible rotation speed: Max. 700r/min
  (Please contact NSD representatives if the permissible rotation speed is needed 700r/min or more.)

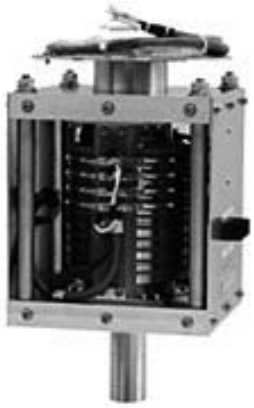
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Φ43X87, shaft diameter: Φ17
Mass	Approx. 0.5kg (with 2m cable)
Standard Price	Please ask NSD representative.

Contact

NSD Trading Corporation (NSD Group)
TEL : +81-52-261-2352
<URL> http://www.nsdcorp.com/
<E-mail> foreign@nsdcorp.co.jp

Slip Ring RLUC-07 compatible with CC-Link

This slip ring enables stable high-speed communication with rotating structure.



Features

- Communication between a servo amplifier or an inverter on the rotating structure and a sequencer via CC-Link is possible.
- Miniaturization of the device and reduction of the wiring cost are realized by enabling less wiring to the rotating structure.
- Custom design, such as axis diameter, appearance, and number of poles, is available according to your installation conditions.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

MDW5-CC Lightning Surge Protector for CC-Link

Protecting CC-Link devices from lightning surges entering through communication network

Features

- Approved by CC-Link Partner Association
- Complies with CC-Link Ver.1.10 / 2.00
- Conforms with IEC 61643-21
- Convenient DIN rail mounting

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10 / 2.00
External dimensions	W45 x H97 x D41 mm
Mass	100 g
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

Slip Rings for communications, type "NS1101"

CC-Link supported

Features

- High environmental performance in industrial fields
- High anti-vibration with twin brushes
- High reliability with Au/Ag alloy in contact parts
- High-speed rotation, low contact resistance, and long life time
- Integrated with power slip rings

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

NICHIDEN SHOKO CO.,LTD
TEL : +81 86 525 6688
<URL> http://www.ndsk.co.jp
<E-mail> kurashiki-f@ndsk.co.jp

Slip Rings for communications, type "NS1102"

CC-Link supported

Features

- Available up to DC 24V
- High environmental performance in industrial fields
- High anti-vibration with twin brushes
- High-speed rotation, low contact resistance, and long life time

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

NICHIDEN SHOKO CO.,LTD
TEL : +81 86 525 6688
<URL> http://www.ndsk.co.jp
<E-mail> kurashiki-f@ndsk.co.jp

Built-in Type I/O Module AJ65MBTL1N-□

An ultra small type mounted directly on a PC board, this module helps flexible, efficient design.

Features

- The module is an ultra small type.
- The module can be mounted with a pin header.
- Cascade connection is possible.
- Measures, such as adding a noise filter, can further protect against problems.
- The power supply is isolated by a transformer, and the connections with external I/O are isolated by a photocoupler.
- Protective functions are upgraded.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	
External dimensions	53(W)×31.5(H)×22(D)[mm]
Mass	0.03kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MFP1N/MFP2N/MFP3N Communication LSI Dedicated to CC-Link

This LSI makes the development of CC-Link-compatible units easy.

Features

- MFP1N (for master/local stations and intelligent device stations) The LSI incorporates the communication protocol, network management function, etc, and can be utilized for development of controllers, such as master devices controlling CC-Link, and communication devices exchanging messages.
- MFP2N (for remote I/O stations)
  Since the LSI incorporates all communication protocols, it is easy to develop a unit capable to handing bit information (digital input/output) without a CPU.
- MFP3N (for remote device stations)
  Since the LSI incorporates the communication protocol, it is easy to develop a unit capable of handling bit information (digital input/output) and word information (remote register), regardless of the protocol, simply by accessing an external CPU via the two-port RAM.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Q50BD-CCV2 type interface board

Features

●Master stations, stand-by master stations, local stations, and intelligent device stations can be easily developed with the board. Functions necessary for the master stations, stand-by master stations, local stations, and intelligent device stations can be materialized with the interface board mounted on customer boards.

●Compatibility with CC-Link Ver.2
The compatibility with CC-Link Ver.2 enables the cyclic point to be increased to 8192 for RX/RY and 2048 words for RWr/RWw per network at a maximum. It is also compatible with the old specification (ver.1).

●Space saving
The board is in the small size of 70 mm × 80 mm.

●It can readily communicate with circuits on user boards via a general purpose interface bus. As the interface between the user boards and interface board is carried out with general memory control signals (address, data, and read/write buses, etc.), communication with the user boards is easy.

Station type	Master station, local station, intelligent device station
Number of stations occupied	
CC-Link version	Ver.2
External dimensions	70.0×80.0 mm
Mass	0.03 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

CC-Link ASIC "netX" Evaluation & Development Board NXEB 100-NET

Evaluation and Development board for the design of CC-Link V2.00 supporting device by Industrial Communication SoC "netX". Development and Evaluation of user application on ARM9 inside via JTAG I/F.

Features

●Design and Development of CC-Link V2.00 devices with the implementation of CC-Link Firmware provided by Hilscher

●32 bit ARM926EJ-S is implemented for user application programming

●Development and Evaluation of CC-Link from Host CPU via DPRAM I/F

●Various peripherals like UART, USB, SPI, GPIO, LCD controller, AD converter, PWM are implemented

●C function is provided for easy driver development. Sufficient technical information like schematic and BOM of evaluation board

●Technical support and Workshop for starting phase of development

Station type	Remote Device Station
Number of stations occupied	4 station
CC-Link version	Ver. 2.00
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

Hilscher Gesellschaft für Systemautomation mbH
Rheinstraße 15, 65795 Hattersheim, Germany
TEL : +49 (0)6190 9907-0 FAX : +49 (0)6190 9907-50
<URL> http://www.hilscher.com/
<URL> http://www.hilscher.com/netx.html
<E-mail> info@hilscher.com
<E-mail> info@hilscher.cn

comX 10CN-CCS - Communication Module for CC-Link Slave

The module for all communication tasks

Features

- Complete Slave interface with network connection to the baseboard
- Host connection via Dual-Port Memory or SPI
- Enables flexible positioning of the network connector
- Certified CC-Link interface

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	70 x 30 x 21.5 mm
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<URL> http://hilscher.com/products_details_hardware.html?p_id=P_4f353e22a310c&bs=11
<E-mail> info@hilscher.com

NIC 10-CCS - DIL-32 communication IC for CC-Link Slave

Communication for simple slave devices with or without own host processor

Features

- Compact DIL-32 communication module for cost-efficient field devices
- Modbus RTU protocol via SPI or UART to the host
- CC-Link slave interface including bus logic
- Direct I/O data transfer via external shift registers
- One design for all networks due to standard interfaces
- Certified CC-Link interface

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	42 x 21 x 17,4 mm (including pins)
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<URL> http://hilscher.com/products_details_hardware.html?p_id=P_4ab881d7a4d78&bs=11
<E-mail> info@hilscher.com

COM-CA-CCS CC-Link Slave Embedded Communication Module

OEM embedded communication module. Fast and low cost development for CC-Link slave devices

Features

- Extremely compact size (70×30×16mm) and Robust housing design
- Fieldbus connector and LED can be placed on the module or host board
- Dual Color LEDs
- Fast "Time to Market"
- Cheaper than own development
- Easy to configure
- MFP3 technology
- 3.3V low power consumption

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	Ver.1.10
External dimensions	70×30×15 mm
Mass	
Standard Price	お問い合わせください

Contact

Hilscher Gesellschaft für Systemautomation mbH
Rheinstraße 15, 65795 Hattersheim, Germany
TEL : +49 (0)6190 9907-0 FAX : +49 (0)6190 9907-50
<URL> http://www.hilscher.com
<E-mail> info@hilscher.cn

netX CC-Link Communication Controller

Industrial Communication SoC "netX series" allows to develop CC-Link V2.00 supporting devices easily. It can be used as companion chip via DPRAM or user application is programmable on ARM9 inside.

Features

- Design and Development of CC-Link V2.00 devices with the implementation of CC-Link Firmware provided by Hilscher
- CC-Link companion chip via DPRAM host interface
- 32 bit ARM926EJ-S is implemented for user application programming. Various peripheries like UART, USB, SPI, GPIO, GDC, ADC, PWM
- Supporting various other Fieldbus and Real Time Ethernet protocols via Loadable Firmware
- C function is provided for easy driver development. Sufficient technical information like schematic and BOM of evaluation board
- Sufficient Technical support and Workshop for starting phase of development

Station type	Remote Device Station
Number of stations occupied	4 station
CC-Link version	Ver. 2.00
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

Hilscher Japan KK
YKB Shinjuku-Gyoen Bldg. 3F, 1-3-8 Shinjuku, Shinjuku-ku,
Tokyo 160-0022, Japan
TEL : +81-(0)3-5362-0521 FAX : +81-(0)3-5362-0522
<URL> http://www.hilscher.com/
<URL> http://www.hilscher.com/netx.html
<E-mail> info@hilscher.com

comX 10CA-CCS - Communication Module for CC-Link Slave

The module for all communication tasks

Features

- Complete Slave interface including network connector
- Host connection via Dual-Port Memory or SPI
- Allows one baseboard design for all networks
- Certified CC-Link interface

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	70 x 30 x 21,5 mm
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<URL> http://hilscher.com/products_details_hardware.html?p_id=P_4f353e059faf3&bs=11
<E-mail> info@hilscher.com

NJ 10D-CCS - Exchangeable IP40 Module for CC-Link Slave

Can be mounted at any point of the delivery chain

Features

- Complete Slave interface in closed IP40 housing
- Host connection via Dual-Port Memory or SPI
- Easy slide-in mounting without tools
- Locks and connects without additional components on the baseboard

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	53,4 x 25,2 x 19,2 mm / front plate 60 x 50,4 x 19,2 mm / Module
Mass	max. 80 g
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<URL> http://hilscher.com/products_details_hardware.html?p_id=P_4cebc4124318b&bs=11
<E-mail> info@hilscher.com

NRP 10-CCS - Chip carrier for CC-Link Slave

Ready-to-solder netX Design in stamp size

Features

- Rapid alternative to an own development
- Complete Slave interface with smallest footprint
- Prototyping or SMD series production
- One circuit board design for all fieldbus protocols
- Host connection via Dual-Port Memory or SPI
- Combines advantages of an ASIC with the benefits of a Module

Station type	Remote I/O station and Remote device station
Number of stations occupied	4
CC-Link version	V1.1 and V2.0
External dimensions	32 x 32 x 4 mm
Mass	
Standard Price	

Contact

현지법인힐셔코리아㈜
경기도 성남시 분당구 판교역로 231 H스퀘어S동 707-1호
TEL : 031-789-3715
<URL> http://hilscher.com/home.html
<E-mail> info@hilscher.com

ABS-CCL Anybus CC-Link Slave Module

This unit-integrated type module streamlines the development of CC-Link slave units.

Features

- The module is compact, equivalent to the size of a credit card (86 mm×54 mm×15 mm).
  The module supports all profiles for remote devices.
  The module supports 128 points of I/O data and 16 words of I/O data. (CC-Link Version 1.00)
  The module supports 896 points of I/O data and 128 words of I/O data. (CC-Link Version 2.00)
  Number of occupied stations: 1 to 4.
  The module supports data saving in flash memory and load configuration.
  Baud rate: 156 kbit/s to 10 Mbit/s.

Station type	
Number of stations occupied	1 to 4
CC-Link version	Ver.1.00/Ver.2.00
External dimensions	15(H)×86(W)×54(D)
Mass	43 g
Standard Price	

Contact

HMS Industrial Networks K. K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<URL> http://www.anybus.com/products/products.asp?PID=489&ProdType=Anybus X-gateway
<E-mail> jp-sales@hms-networks.com

ABS-CCL Anybus CC-Link Slave Module

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- Number of occupied stations: 1 to 4.
- The module supports data saving in flash memory and load configuration.
- Baud rate: 156 kbit/s to 10 Mbit/s.

Station type	
Number of stations occupied	1 to 4
CC-Link version	Ver.1.00/Ver.2.00
External dimensions	15(H)×86(W)×54(D)
Mass	43 g
Standard Price	お問い合わせください

Contact

HMS Industrial Networks AB China
TEL : +86-10-85323185
<URL> http://www.hms-networks.com
<E-mail> zjy@hms.se

Anybus CompactCom CC-Link Plug-in Module

A CC-Link slave module, providing a total of 128 I/O points (bit) and 16 words IN/OUT data, with instant connectivity via the uniform Anybus-CompactCom host interface.

Features

- Supports all profiles for a Remote Device (default Anybus Interface profile)
- Total 128 I/O points (bit) and 16 words IN/OUT data (CC-Link version 1)
- No of occupied stations: 1-4
- Selectable baud rates from 156kbit/s to 10 Mbit/s
- Optically isolated CC-Link interface
- Complete CC-Link functionality & Conformance tested
- Support for CC-Link version 2.0 with extended data
- CE pre-compliance, UL & RoHS conformance

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	52 mm x 50 mm x 22 mm
Mass	0.1 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=342&ProductType=Anybus-CompactCom
<URL> http://www.anybus.de/products/abcc_cc-link.shtml
<E-mail> zjy@hms.se
<E-mail> jp-sales@hms-networks.com

AB6311 - Anybus CompactCom CC-Link module without housing

Anybus-CompactCom is an embedded CC-Link slave module that provides an "interchangeable option interface" for CC-Link and 14 other industrial networks with just one development.

Features

- 2kB (8-bit) Dual Port Ram parallel application interface with a 30ns access
- Asynchronous UART serial application interface with configurable baud rates of 19.2kbps - 625kbps
- Total 128 I/O points (bit) and 16 Words IN/OUT data
- Network independent hardware & software application interface for cyclic, acyclic data & diagnostics
- Robust plastic housing, on-board LED's and an innovative mounting mechansism to host application
- Single 3.3V power supply with low power consumption

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	50 x 20 x 50 [mm]
Mass	0.1 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=342&ProductType=Anybus-CompactCom
<URL> http://www.anybus.de/products/abcc_cc-link.shtml
<E-mail> jp-sales@hms-networks.com

Anybus CompactCom B40 CC-Link (AB6672)

The Anybus CompactCom B40 is a ready-made network interface where you have the flexibility to add your own connectors (DSUB, RJ45, M12 etc) and network isolation.The brick is ideal for device manufacturers who are looking for a semi-integrated solution where connector flexibility, size and cost are key elements.

Features

- Network processor NP40, memory, peripheral parts, interface circuits implemented.

Station type	Remote device station
Number of stations occupied	1-4 station
CC-Link version	Ver 1.10 & 2.00
External dimensions	36mm x 8mm x 36mm
Mass	0.1 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus CompactCom CC-Link Plug-in Module

A CC-Link slave module, providing a total of 128 I/O points (bit) and 16 words IN/OUT data, with instant connectivity via the uniform Anybus-CompactCom host interface.

Features

- Supports all profiles for a Remote Device (default Anybus Interface profile)
  Total 128 I/O points (bit) and 16 words IN/OUT data (CC-Link version 1)
  No of occupied stations: 1-4
  Selectable baud rates from 156kbit/s to 10 Mbit/s
  Optically isolated CC-Link interface
  Complete CC-Link functionality & Conformance tested
  Support for CC-Link version 2.0 with extended data
  CE pre-compliance, UL & RoHS conformance

Station type	Remote device station
Number of stations occupied	1 to 4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	52mm×50mm×22mm
Mass	0.1 [kg]
Standard Price	

Contact

HMS Industrial Networks K. K.
TEL : 045-478-5340
<URL> http://www.hms-networks.com
<URL> http://www.anybus.com/products/products.asp?PID=485&ProductType=Anybus-S
<E-mail> jp-sales@hms-networks.com

Anybus CompactCom M40 CC-Link (AB6602 with housing / AB6702 without housing)

The Anybus CompactCom M40 for CC-Link is a complete communication module which enables your products to communicate on a CC-Link network.

Features

- Support for CC-Link v 1.10 and v 2.00
- Low data latency
- Event-based interface method enables easy access to input and output data at any time
- Fast, event-based application hardware interfaces: 8/16-bit parallel and high speed SPI. I/O (shift register interface) is also available.
- Firmware management tool enables easy download via serial connection.
- Solid security: Mandatory software signatures prevent unauthorized software to be downloaded to the module. Furthermore, encryption is used to prevent illicit copying.

Station type	Remote device station
Number of stations occupied	1-4 station
CC-Link version	Ver 1.10 & 2.0
External dimensions	52mmx50mmx22mm
Mass	0.1 [kg]
Standard Price	Please contact us

Contact

瑞典HMS工业网络有限公司北京代表处
TEL : +86 10 8532 3183
<URL> http://www.anybus.com
<E-mail> cn-sales@hms-networks.com

Autobus-CCS

Autobus CC-Link is Embedded Module,completely support CC-Link V1,v2.and provide a very competitive Price.Also,it has very Compact Size & various Styles which customer can choose for their eqipment.

Features

- CC-link Remote Device Support (V1, V2)
- Compact Size
- provide various styles & option
- Baud rate / Station No. can be set-up by both Switch and Host I/F
- Support both Dual Port RAM (Parallel I/F) and UART (Serial I/F)
- Cost effective

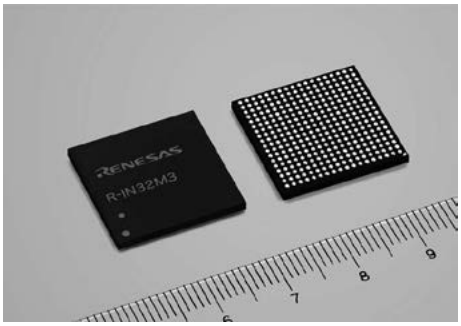
Station type	Remote Device
Number of stations occupied	1 ～ 4
CC-Link version	Ver.1/Ver.2
External dimensions	30 x 70mm
Mass	under 100g
Standard Price	106$

Contact

제조사아둘람테크㈜
경기도 의왕시 이미로 40, 인덕원 IT밸리 A동 419-2호
TEL : 031-8069-7274
<URL> http://adm-tech.co.kr/
<URL> http://en.adm-mall.co.kr/products/CC-Link/31/

R-IN32M3 Series Communication LSI for CC-Link

"R-IN32M3 series" is industrial communication LSI that is able to develop the CC-Link slave unit easily. CC-Link slave units can be developed, regardless of the communication protocol.



Features

- Providing the stable control with low fluctuation and low consumption operation by Real-time OS Accelerator.
- Providing the High-speed, large-capacity and low consumption communication by Ethernet Accelerator.
- Implementing the aplication by built-in ARM Cortex-M3 and large-size memory.
- Implementing Ethernet 2 port and various peripheral circuit (Timet, Watchdog Timer, CAN, UART, CSI, I2C).
- Supporting various Field-bus protocols and industrial Ethernet protocols via protocol stack provided by protocol vender.
- Providing the ARM developmet environment, evaluation board, sample software and sample driver as development tools

Station type	Remote device station
Number of stations occupied	
CC-Link version	Ver.2.00 / 1.10
External dimensions	
Mass	
Standard Price	

Contact

Renesas Electronics Corporation
1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan
TEL : +81-44-435-1499
<URL> http://www.renesas.com/
<URL> http://www.renesas.com/products/soc/assp/fa_lsi/multi_protocol_communication/r-in32m3/

MITSUBISHI ELECTRIC CORPORATION | CC-Link/LT | PLC

Model FX2N-64CL-M Master Module

This module transforms an FX PLC into the master station for a CC-Link/LT system.

Features

- Each remote I/O module can be easily connected to the master module using a dedicated connector, thus reducing wiring.
- Up to 64 remote I/O modules can be connected.
- General X (input) and Y (output) devices are allocated to remote I/O modules and can operate with the same program as that for general-purpose input/output.
- Since serial device numbers are assigned even if two-point and four-point remote I/O modules are used, I/O allocation can be efficiently performed.

Station type	Master station
Number of stations occupied	
CC-Link version	—
External dimensions	90×43×87 mm
Mass	0.15 kg
Standard Price	

Contact

Mitsubishi Electric Automaiton (China) Ltd.
TEL : +86-21-2322-3030

MITSUBISHI ELECTRIC CORPORATION | CC-Link/LT | PLC

Model FX3UC-32MT-LT(-2) micro PLC

Equipped with a master function for CC-Link/LT as a standard item, this high-speed, high-performance PLC is far beyond the established image of micro PLCs.

Features

- The basic performance has been significantly improved.
- The basic and applied commands are refined. The calculation performance has been accelerated. Additionally, 64-k step RAM memory is incorporated as a standard item to deal with large programs.
- A series of functions of the highest level in the industry have been integrated Independent positioning of three axes at up to 100 kHz and six-point simultaneous high-speed counting at 100 kHz are integrated.
- A Chinese character display module has been included for the first time as a standard item.
- The analog functions upgraded
  Four special adapters for analog input/output can be connected, which are capable of performing analog control without using any program. Besides the PID commands, the numerical calculation function has been significantly upgraded.
- The communication function has been upgraded
  With two additional general-purpose communication ports for serial communication, a total of three communication ports are available.
- General X (input) and Y (output) devices are allocated to remote I/O modules and can operate with the same program as that for general-purpose input/output.

Station type	Master station
Number of stations occupied	
CC-Link version	—
External dimensions	90(H)×55(W)×87(D) mm
Mass	0.25 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MELSEC-L Series CC-Link/LT Master Module LJ61CL2

It is a CC-Link/LT master module for MELSEC L series PLC.

Features

- High-speed response: 1.2ms (at 2.5Mbps)
- The module can control large-capacity I/O. It can control up to 2048 I/O points

Station type	Master station
Number of stations occupied	
CC-Link version	Ver.-
External dimensions	90(H)×28.5(W)×95(D)[mm]
Mass	0.12kg
Standard Price	34,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MELSEC-Q Series CC-Link/LT Master Module QJ61CL12

Up to 64 remote stations can be connected to a single master station.

Features

- High-speed response: 1.2 ms (at 2.5 Mbps)
- The module can control large-capacity I/O.
  It can control up to 2048 I/O points.

Station type	Master station
Number of stations occupied	—
CC-Link version	—
External dimensions	98(H)×27.4(W)×90(D)[mm]
Mass	0.09kg
Standard Price	34,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

CC-Link - CC-Link/LT Bridge Module AJ65SBT-CLB

The AJ65SBT-CLB includes the bridge function to establish a connection between CCLink and CC-Link/LT.

Features

●The optimum network for each tier is configured by combining CC-Link and CC-Link/LT.

●CC-Link/LT is available for A and QnA series.

Station type	Remote device station (CC-Link side)
Number of stations occupied	2 stations/4 stations/ 8 stations (CC-Link side)
CC-Link version	Ver. 1.10
External dimensions	49(H)×87(W)×40(D)[mm]
Mass	0.09kg
Standard Price	34,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module Screw Terminal Block Type CL□-□B□

The module is one of the smallest units in the class in the industry.

Features

- The module bears a terminal cover with nameplates with which connection destinations can be instantaneously identified.
- The input module adopts a +COM/-COM shared input form.
- The terminal block is designed to be connected directly with a two-wire type sensor or load.
- Mountable in 6 directions.

Station type	Remote I/O station
Number of stations occupied	4 point mode: 2 stations 8 point, 16 point mode: 1 station
CC-Link version	—
External dimensions	49(H)×64(W)×40(D)[mm]
Mass	0.09kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Unit Spring Clamp Terminal Block Type CL□-□S□

The structure of the two-piece terminal block enables easy maintenance.

Features

- The input module adopts a +COM/-COM shared input form.
- Mountable in 6 directions.

Station type	Remote I/O
Number of stations occupied	1 station
CC-Link version	-
External dimensions	
Mass	0.09kg
Standard Price	お問い合わせ下さい

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module MIL Connector Type CL□-□M□

The module is one of the smallest units in its industry class.

Features

- An MIL connector is adopted, which is easy to connect to a relay terminal or terminal block replacement module.
- The module can be replaced simply by disconnecting the communication connector.
- Mountable in 6 directions.

Station type	Remote I/O station
Number of stations occupied	4 point mode: 4 stations 8 point mode: 2 stations 16 point mode: 1 station
CC-Link version	—
External dimensions	85(H)×24(W)×53(D)[mm]
Mass	0.05kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link/LT | Digital I/O

Remote I/O Module Sensor Connector Type (e-CON) CL□-□C□

The module is one of the smallest units in its industry class.

Features

- An open sensor connector is used, which permits easy installation of a sensor.
- The module can be replaced simply by disconnecting the communication connector.
- Mountable in 6 directions.

Station type	Remote I/O station
Number of stations occupied	4 point mode: 2 stations 8 point, 16 point mode: 1 station
CC-Link version	—
External dimensions	85(H)×24(W)×39(D)[mm]
Mass	0.05kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module Cable Type CL□-□D□

The module is one of the smallest units in its industry class.

Features

- Like cables, the module can be housed within a duct.
- The integrated design of the communication cable and the external unit connecting cable makes wiring easy.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	—
External dimensions	65(H)×20(W)×12(D)[mm]
Mass	0.07kg
Standard Price	8,500円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Analog - Digital Conversion Module Screw Terminal BlockType CL2AD4-B

Smaller than CC-Link A/D conversion module.

Features

- Input range can be changed for each channel.
- Four conversion methods.
- Number of I/O points (number of occupied stations) can be changed.
- Enhancement of operability and maintenance.
- Enhancement of reliability through simple dustproof shape.
- Module can be mounted in 6 directions.

Station type	Remote device station
Number of stations occupied	4 stations
CC-Link version	—
External dimensions	49(H)×69(W)×40(D)[mm]
Mass	0.15kg
Standard Price	55,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Digital - Analog Conversion Module Screw Terminal Block Type CL2DA2-B

Smaller than CC-Link D/A conversion module.

Features

- Output range can be changed for each channel.
- Maintaining/clearing of analog output can be set for when communications are cut.
- Number of I/O points (number of occupied stations) can be changed.
- Enhancement of operability and maintenance.
- Enhancement of reliability through simple dustproof shape.
- Module can be mounted in 6 directions.

Station type	Remote device station
Number of stations occupied	2 stations
CC-Link version	—
External dimensions	49(H)×69(W)×40(D)[mm]
Mass	0.15kg
Standard Price	57,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

CC-Link/LT Picking Terminal ALT27XB-02G-P

A must-have picking system for sorting and assembling in all fields of industry.
An easy-to-install "reduced wiring Picking Terminal" is here for you to use as if it were the D-I/O of a PLC.
The handy, reduced wiring CC-Link/LT allows you to build up a simple picking system.

Features

●Easy to install
・Make it simple and reduce wiring with the CC-Link/LT.
・The crimp type link connector makes it easy to install.

●Enables you to build up a system with a high level of flexibility and extension.

●The terminal that incorporates the demands from work sites
・A bright, esthetic LED lamp and display (milky white when it is off).
・A lever switch covered with rubber for rough operation (with a mechanical life of one million switching operations).
・A terminal that allows you to easily define node numbers at a site.
・Can be installed at a higher location as you can tie a cord to the takeout check switch.

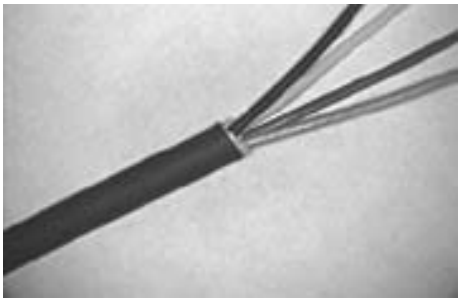
Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	—
External dimensions	—
Mass	0.075 kg
Standard Price	

Contact

Headquarters, West Japan Office
8-1 Shimoinden, Inouchi, Nagaokakyo-city, Kyoto 617-0813
<E-mail> info_e@anywire.jp

CM/LT (2586) Cable for Movable Portions Compatible with CC-Link/LT

This cable movable portions is compatible with the CC-Link/LT.



Features

- The cable is UL-certified (AWM Style 2586).
- An outer sheath with outstanding oil resistance and non-flammability is used.
- The cable has the same level of bending performance as robot cables.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	Cable outside diameter approx. 7 mm
Mass	
Standard Price	お問い合わせください

Contact

DYDEN CORPORATION
Factory Automation&Robot Cable Division
Kurume Sales Office TEL : +81-942-51-2121
Tokyo Sales Office TEL : +81-3-5805-5885
Nagoya Sales Office TEL : +81-52-253-9202
Osaka Sales Office TEL : +81-6-6229-1983
<URL> http://www.dyden.co.jp
<E-mail> jyoden@dyden.co.jp

FANC-Z/LT 40.75 mm^2 CC-Link/LT-compatible Cable for Movable Portions

A cable for movable portions compatible with the CC-Link/LT.

Features

- The cable uses a thinner annealed copper composite twisted wire as the conductor and is available for right-/left-bent portions, cable bearing caterpillars, and movable portions.
- For the outer sheath, an oil-resistant, heat-resistant vinyl mixture is used.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	Cable outside diameter approx. 6.9 mm
Mass	
Standard Price	お問い合わせください

Contact

KURAMO ELECTRIC CO.,LTD (Tokyo Office)
13-10, Nihonbashi honcho 4-chome, Chuo-ku, Tokyo 103-0023, Japan
TEL : 81-3-5644-7601 FAX : 81-3-5644-8231
<URL> http://www.kuramo.co.jp
<E-mail> tokoy1@kuramo.co.jp
<E-mail> eigyo@kuramo.co.jp

Dedicated flat cable CL9-FL4-18

Features

●Reduced costs
By using the dedicated flat cable, wiring processes can be reduced, and wiring costs can be reduced.

●Prevent miswiring
The cable shape is asymmetrical on the front and back so the connector will not snap in if it is connected in reverse.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linklt/cl9fl418.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

Mitsubishi Electric System & Service Co., Ltd. | CC-Link/LT | Cables・connectors

Dedicated movable cable CL9-MV4-075

Features

●A bending performance of 4,000,000 or more bends *1 is realized by using insulator (ETFE) and wire structure with outstanding bending characteristics.
*1 Value measured under specified conditions.

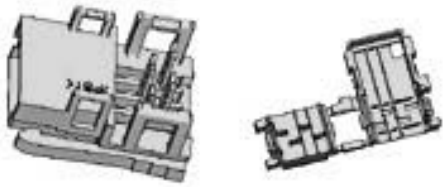
●Sheath with outstanding oil resistance enables use in environment where cutting oil or lubrication oil could come in contact.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linklt/cl9mv4075.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

Connection connector for flat cables CL9-CNF-18



Features

●Easy operation

・Connectors can be easily crimped using a special crimping tool (model name: L-TOOL-N). Pliers available on the market are also available.

●Wrong wiring prevented

・Each connector is equipped with a window for checking wiring. The wiring is wrong if the orange cable is visible through the window.

●Multiple functions

・By cutting the resin at the end of the cover with nippers, the connector can be used as a connector for branch connection.

・The male and female halves have the same body. Connectors can be engaged if they are the same type.

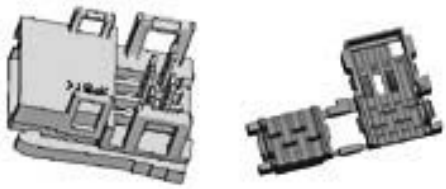
Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	
Mass	
Standard Price	3,500円(10個セット)

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linklt/cl9connector.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

Mitsubishi Electric System & Service Co., Ltd. | CC-Link/LT | Cables・connectors

Connection connector for VCTF cables, movable cables CL9-CNR-23 CL9-CNR-20



Features

●Easy operation

・Connectors can be easily crimped using a special crimping tool (model name: L-TOOL-N). Pliers available on the market are also available.

●Wrong wiring prevented

・Each connector is equipped with a window for checking wiring. The wiring is wrong if the red, white or black cable is visible through the window.

・To prevent wrong wiring, a color marking is on the cover of the connector that a VCTF movable cable is connected to.

●Multiple functions

・By cutting the resin at the end of the cover with nippers, the connector can be used as a connector for branch connection.

・The male and female halves have the same body. Connectors can be engaged if they are the same type.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	
Mass	
Standard Price	7,400円(20個セット)

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linklt/cl9connector.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

Open sensor connector (e-CON) ENC-A* ENC-M*

Features

●Easy work

・Attach the connector easily by crimping with a dedicated crimping tool (model name: e-TOOL-N). Connectors can also be attached with pliers come on to the market.

・No waste is generated as the wires do not need to be pre-treated.

●Reliability

The wires are connected with crimping, eliminating trouble caused by poor contact.

●Reliability

・A diverse lineup of applicable wire sizes from 0.08 to 0.50mm2 (AWG28 to 20).

・Using the conductivity check window, the conductivity can be checked with a tester even while wires are energized.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	
Mass	
Standard Price	お問い合わせください。

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linklt/ecnam.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

CRFV-A075C04-LT CC-Link/LT-compatible Cable Dedicated to Movable Portions

This is the optimum choice for the movable portions of industrial robots, labor-saving machines, etc.

Features

●Cable with improved bending resistance

Result of bending to ±90° in right and left directions: Four million times or more (supporting bar: ϕ60, load: 500 g). Our recommended bending radius when the cable is to be bent to a U-shape and used in a movable portion is 7d or more (d: cable outer diameter).

●The cable is oil-resistant, heat-resistant, and nonflammable.

*The specifications may be changed depending on the working conditions after consultation.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	Cable outside diameter approx. 7.2 mm
Mass	
Standard Price	お問い合わせください

Contact

LWC ELECTRONIC CO., LTD
TEL : +86-769-83667180
<URL> http://www.yoshinogawa.co.jp
<E-mail> sun@lapluse.com

CC-Link/LT Dedicated Flat Cable 79100-075-4FLT

CC-Link/LT Dedicated Flat Cable

Features

- ●CC-Link/LT dedicated
- ●2.54mm pitch flat cable
- ●Nominal cross-sectional area of conductor : 0.75㎟ 2 (x 4 cores)
- ●Optimal for connections between CC-Link/LT master modules, remote I/O modules and power adapters.
- ●Applicable to the CC-Link/LT connector for dedicated flat cables (CL9-CNF-18) and can be used for trunk and branch lines.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	10.16㎜ x 2.54㎜
Mass	60(kg/km)
Standard Price	お問い合わせ下さい

Contact

3M Japan Limited
Communication & Electrical Solution Division
Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://www.3m.com/
<URL> http://www.3MConnector.com/
<E-mail> isd-epd.jp@mmm.com

CC-Link/LT Dedicated Flexible Cable 79100-075-4ZLT

CC-Link/LT Dedicated Flexible Cable

Features

- ●CC-Link/LT dedicated
- ●Optimal flexible cable for movable area connections.
- ●Nominal cross-sectional area of conductor : 0.75㎟ 2 (x 4 cores)
- ●Oil & heat resistant PVC used for outer sheath.
- ●Applicable to the CC-Link/LT connector for flexible cables (CL9-CNR-20).

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	1.9㎜
Mass	70(kg/km)
Standard Price	お問い合わせ下さい

Contact

3M Japan Limited
Communication & Electrical Solution Division
Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://www.3m.com/
<URL> http://www.3MConnector.com/
<E-mail> isd-epd.jp@mmm.com

Model CL1PAD1 Power Supply Adapter

Features

●When a CC-Link/LT system is powered by an external power supply, this power supply stabilizes the entire system.

Station type	Power Supply Adapter
Number of stations occupied	
CC-Link version	—
External dimensions	85(H)×66(W)×90(D) mm
Mass	0.26 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link/LT | Power supply

Model CL1PSU-2A Power Supply Dedicated to CC-Link/LT

Features

●This power supply with a built-in power supply adapter is designed exclusively for CC-Link/LT systems.

●The input power supply is free between 85 C AC and 264 V AC.

Station type	Power Supply Dedicated
Number of stations occupied	
CC-Link version	—
External dimensions	90(H)×90(W)×90(D) mm
Mass	0.40 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Model PS2C CC-Link/LT Switching Power Supply

A switching power supply, which combine/integrates a power adapter, exclusively for the CC-Link/LT. An AC free input (100 to 240 V AC) makes the unit applicable to all units available worldwide.

Features

- The power supply contains a power supply adapter for the CC-Link/LT.
- Besides the power supply for the CC-Link/LT, a model equipped with a general-purpose 24 V auxiliary output power supply is also available.
- The power supply can operate at an ambient temperature of up to 50 with a cover attached and without derating.
- In addition to the terminal block type, a power supply complete with a finger protection mechanism is also available, and has been introduced to the worldwide market.
- The power supply conforms to FCC class A and VCCI class A.
- The power supply complies with harmonic current regulations.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

IDEC (SHANGHAI) CORPORATION
TEL : +86-21-5353-1000
<E-mail> idec@cn.idec.com

Model EHLT01 Handy Line Tester Compatible with CC-Link/LT

By being directly connected to a CC-Link/LT system, the tester can monitor the communication status of the CC-Link/LT or remote station input/output or test output ON/OFF.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	188mm(H)×96mm(W)×36.5mm(D)
Mass	0.42 kg
Standard Price	

Features

●Master functions incorporated
Since the EHLT01 itself can function as the master module, it is capable of performing I/O checks, including input/output monitoring and output ON/OFF testing, without a master module.

●CC-Link/LT diagnosis possible
The tester is capable of diagnosing and monitoring the CC-Link/LT, including I/O checking, error detection, and remote station information and system information display.

●Easy CC-Link/LT system startup
The EHLT01 itself has a power supply function, and power can, therefore, be supplied to the CC-Link/LT system via the EHLT01 if a general-purpose power supply (24 V) is available when the system is turned on.

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-568-36-2068 (Tech support)

Terminal Resistor CL9-TERM

Features

- The terminal resistor is compact and can be mounted by one-touch operation. The voltage of the main line can be checked through the voltage checking window.
- Available for constructing a system with a dedicated flat, VCTF or movable cable alone, or with a mixture of a dedicated flat, VCTF or movable cable.
  *Use terminal resistors of the same model for both ends of the main line.

Station type	
Number of stations occupied	
CC-Link version	—
External dimensions	
Mass	
Standard Price	1,500円

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linklt/cl9term.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

Communication LSI Dedicated to CC-Link/LT

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Features

- [CLC13] (Master station) Since the LSI incorporates the communication protocol, units which control data communication and remote stations can be developed by reading and writing data from/to an external CPU, irrespective of the protocol
- [CLC12] (Remote I/O station) Since the LSI incorporates the communication protocol, units handling bit data without using any external CPU (program) can be easily developed.
- [CLC31] (Remote device station) The incorporated communication protocol requires no preparation for communication protocols. The protocol allows users to access external CPUs via 2-port RAM, making development of bit- (digital I/O) and word-data (remote register) equipment easier.

Contact

Mitsubishi Electric Automaiton (China) Ltd.
TEL : +86-21-2322-3030

CC-Link Safety MASTER MODULE QS0J61BT12

Newly available is a CC-Link Safety system master module compatible with the Mitsubishi safety PLC MELSEC-QS series.

Features

- The module is approved by the certification of the highest safety level (IEC61508 SIL3, EN954-1 category 4, ISO13849-1 Ple) in the PLC category.
- Safety remote stations and standard remote stations can be installed together on the same network. With GX Developer, safety remote station parameters can be set easily.
- Error information received and detected during the communication with safety remote stations are registered to the error history in the safety CPU.

Station type	Master station
Number of stations occupied	
CC-Link version	—
External dimensions	98(H)×27.4(W)×90(D)[mm]
Mass	0.12kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

CC-Link Safety Remote I/O Module QS0J65BTS2-4T

The system of EN954-1 category 3 or category 4 can be configured according to the combination of wiring and parameters. Dark tests (diagnosis of stuck failure of junctions) can diagnose a failure, covering external safety devices.

Features

- The remote I/O unit is authorized by certifications at the highest safety level (IEC61508 SIL3, EN954-1/ISO13849-1 category 4) that can be given to PLCs.
- Self-diagnostics detect failures to turn off outputs when failures occur inside the module.
- Dark tests (diagnosis of stuck failure of junctions) can diagnose a failure covering external safety devices.
- Self-diagnostics include memory diagnosis, circuit block diagnosis, and etc.
- The parameter setting screen of the programming tool enables you to make the settings of the safety remote I/O module easily.
- The module alone can be reset without turning the power supply off and on when trouble occurs.

Station type	Safety remote I/O station
Number of stations occupied	1 station
CC-Link version	—
External dimensions	65(H)×197(W)×74.5(D)[mm]
Mass	0.45kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

CC-Link Safety Remote I/O Module QS0J65BTS2-8D

The system of EN954-1 category 3 or category 4 can be configured according to the combination of wiring and parameters. Dark tests (diagnosis of stuck failure of junctions) can diagnose a failure, covering external safety devices.

Features

- The remote I/O unit is authorized by certifications at the highest safety level (IEC61508 SIL3, EN954-1/ISO13849-1 category 4) that can be given to PLCs.
- Self-diagnostics detect failures to turn off outputs when failures occur inside the module.
- Dark tests (diagnosis of stuck failure of junctions) can diagnose a failure covering external safety devices.
- Self-diagnostics include memory diagnosis, circuit block diagnosis, and etc.
- The parameter setting screen of the programming tool enables you to make the settings of the safety remote I/O module easily.
- The module alone can be reset without turning the power supply off and on when trouble occurs.

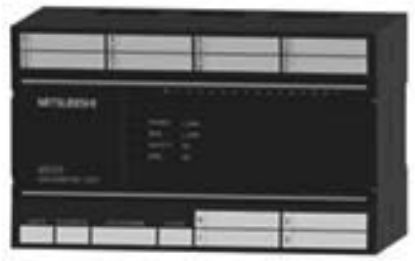
Station type	Safety remote I/O station
Number of stations occupied	1 station
CC-Link version	—
External dimensions	65(H)×197(W)×74.5(D)[mm]
Mass	0.46kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

CC-Link Safety Remote I/O Module QS0J65BTB2-12DT

The system of EN954-1 category 3 or category 4 can be configured according to the combination of wiring and parameters. Self-diagnostics can detect failures inside the module to turn off outputs.



Features

- The remote I/O module is authorized by certifications at the highest safety level (IEC61508 SIL3, EN954-1/ISO13849-1 category 4) that can be given to PLCs.
- Self-diagnostics detect failures to turn off outputs when failures occur inside the module.
- Dark tests (diagnosis of stuck failure of junctions) can diagnose a failure covering external safety devices.
- Self-diagnostics include memory diagnosis, circuit block diagnosis, and etc.
- The parameter setting screen of the programming tool enables you to make the settings of the safety remote I/O module easily.
- The module alone can be reset without turning the power supply off and on when trouble occurs.

Station type	Safety remote I/O station
Number of stations occupied	1 station
CC-Link version	—
External dimensions	98(H)×163(W)×85(D)[mm]
Mass	0.67kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Panasonic Industrial Devices SUNX Co., Ltd. | CC-Link Safety | Digital I/O

SF-CL1T264T

Reduces the burden of designing complex safety circuits! The SF-CL1T264T provides total solution to safety systems.
It realizes networking light curtains and safety devices with reduced wiring.

Features

- Connecting the I/O of light curtains and safety devices to the field network CC-Link Safety enables to transmit safety circuit signals collectively for network control.
- Allows to readily connect up to two sets of series SF4B light curtains with connectors.
- Programmed muting control of light curtains is also available where the line stops only when a human body is passing through the light curtain while it keeps running when a work piece is passing through.
- Cables stay connected while detaching the terminal block, contributing to reducing maintenance man hours.

Station type	Remote I/O station
Number of stations occupied	1 station
CC-Link version	—
External dimensions	190(W)×83(H)×98(D) mm
Mass	Approx. 700 g
Standard Price	お問い合わせ下さい

Contact

Panasonic Industrial Devices SUNX Co.,Ltd.
2431-1, Ushiyama-cho, Kasugai, Aichi 486-0901, Japan
Techinical Service : Toll Free 0120-394-205
Techinical Service : Toll Free 0120-336-394 (FAX)
<URL> http://www2.panasonic.co.jp/id/pidsx/j/company/index.html

MELSEC-Q Series CC-Link IE Controller Network Module QJ71GP21-SX

A high-speed, large-capacity network is achieved on your production site.

Features

- Achieving high-speed and large data capacity devices and facilities: The gigabit Ethernet technology is adopted to enable the communication speed of 1 Gbps and the network type shared memory of 256 Kbytes (word data). High-speed devices and large-capacity data transmission are achieved.
- Reducing installation cost and maintenance cost: You can use commercially available Ethernet cables and network analyzers to reduce the network installation cost, maintenance cost, etc.
- Simplifying network construction by the network type shared memory method: The "network type shared memory method" is adopted to automatically refresh (update) communication between the shared memory and the PLC device. Thus, you can easily construct a network to make possible decentralized control of the controller.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	98(H)×27.4(W)×90(D)[mm]
Mass	0.18kg
Standard Price	180,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MELSEC-Q Series CC-Link IE Controller Network Module with External Power Source Function QJ71GP21S-SX

A high-speed, large-capacity network is achieved on your production site.

Features

- Achieving high-speed and large data capacity devices and facilities: The gigabit Ethernet technology is adopted to enable the communication speed of 1 Gbps and the network type shared memory of 256 Kbytes (word data). High-speed devices and large-capacity data transmission are achieved.
- Reducing installation cost and maintenance cost: You can use commercially available Ethernet cables and network analyzers to reduce the network installation cost, maintenance cost, etc.
- Simplifying network construction by the network type shared memory method: The "network type shared memory method" is adopted to automatically refresh (update) communication between the shared memory and the PLC device. Thus, you can easily construct a network to make possible decentralized control of the controller.
- Stable operation by the external power source: Communications can be maintained without performing a loopback when the PLC CPU is terminated.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	98(H)×55.2(W)×90(D)[mm]
Mass	0.28kg
Standard Price	250,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Control | PLC

MELSEC iQ-R Series CC-Link IE Control Network Module RJ71GP21-SX

RJ71GP21-SX

Features

●CC-Link IE Control is a high-reliability distributed control network designed to handle very large data communications (128K word) over a high-speed (1 Gbps) dual-loop optical cable topology.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	106(H)×27.8(W)×110(D) [mm]
Mass	0.18kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Control | PLC

Multi-network supporting Ethernet module RJ71EN71

Features

●Dual Ethernet ports enable the module to operate as an Ethernet or CC-Link IE Field Network master/local station, or a CC-Link IE Control network control/normal station.

Station type	Control station / nomal station
Number of stations occupied	
CC-Link version	
External dimensions	106(H)×27.8(W)×110(D) [mm]
Mass	0.17kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MELSEC iQ-R Series CC-Link IE embedded CPU module R□ENCPU

MELSEC iQ-R series CPU module with CC-Link IE embedded.

Features

- The two Ethernet ports on the network side enable the module to operate as an Ethernet or CC-Link Field Network master/local station, or as a CC-Link IE Control Network control/normal station.
- The Ethernet port on the CPU side is used as an Ethernet communication port.
- The two Ethernet ports on the network side are connectable to different combinations of networks.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	106(H)×56(W)×110(D)[mm]
Mass	0.40kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

CC-Link IE Controller Network interface board Q80BD-J71GP21-SX Q80BD-J71GP21S-SX

The CC-Link IE Controller network board allows connection of a personal computer to a CC-Link IE Controller network system.

Features

- Personal computer can be incorporated into CC-Link IE Controller Network.
- Supporting universal PCI
- Using the CC IE Control utility, various settings such as channel numbers and station numbers can be configured easily.
- The software package for Windows is included the interface board. (The manual to develop a driver for various OSs is provided for cutomers who use the board with an OS other than Windows.)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	121(H)×181(W)×18.5(D) [mm]
Mass	0.12kg/0.14kg
Standard Price	210,000円/280,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

CC-Link IE Controller Network interface board Q81BD-J71GP21-SX Q81BD-J71GP21S-SX

The CC-Link IE Controller Network board allows connection of a personal computer to a CC-Link IE Controller Network, realizing high-speed and large-volume data communications between the computer and programmable controllers.

Features

- By installing the CC-Link IE Controller Network board to a personal computer, the personal computer can be used as a control station or normal station of the CC-Link IE Controller Network.

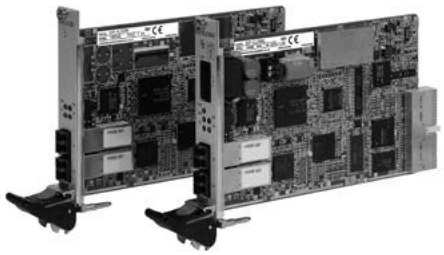
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	-
Mass	0.13kg/0.14kg
Standard Price	お問い合わせ下さい

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Compact PCI (cPCI) compatible Interface Board

The CC-Link IE Controller network board allows connection of the CompactPCI compatible computer to a CC-Link IE Controller network system.



Features

- Using these Compact PCI bus interface boards, PC control systems can be directly connected to the CC-Link IE Controller Network.
- The interface board functions as the control station or a normal station of the CC-Link IE Controller network.
- Choose the interface board with the external power supply function (ECP-CLECBDS) to maintain communication even if power from the CompactPCI interface is lost.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	210 x 131 x 20 [mm]
Mass	0.17kg / 0.20kg
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-568-36-2068 (Tech support)

GT15-J71GP23-SX CC-Link IE Controller Network Communication Module for GOT1000

The communication module can be used in CC-Link IE controller networks that support a transmission speed of 1 Gbps and a large-capacity of 256 Kbytes for network type shared memory. Utilize the communication module across the system including data systems and production sites.

Features

- ●Achieving high-speed communication system
- ●Complying with the GOT multichannel
- ●Large-scale, flexible system configuration
- ●Rich RAS functions
- ●Adding network diagnostics on the GOT main body
- ●Communication with other networks (routing function)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	136(W)×44(H)×120(D) mm
Mass	0.28 kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

FSDK-G50+WLCP+WLCP-□W

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	2.0mm×4.0mm
Mass	7.5kg/km
Standard Price	

Contact

<URL> http://www.tokyo-fuji.co.jp/
<URL> http://www.tokyo-fuji.co.jp/products/kakou/cc-link/wlc-fsdk.htm

FUJI ELECTRIC CABLE CO.,LTD. | CC-Link IE Control | Cables・connectors

FSTK-G50-02-V+WLCP+WLCP-□W

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	6.5mm
Mass	40kg/km
Standard Price	

Contact

<URL> http://www.tokyo-fuji.co.jp/
<URL> http://www.tokyo-fuji.co.jp/products/kakou/cc-link/wlc-fstk.htm

CC-Link IE Controller Network Compatible Optical Fiber Cable (Inside panel, Indoors, Outdoors, Reinforced type for outdoors)

CC-Link IE Controller Network Compatible Optical Fiber Cable
(With our original Protective holder)

Features

- Abundant lineups of cables is available, including types for use inside panels, indoors, outdoors, and reinforced type for outdoors, allowing use in a various environments.
- This Cable (for indoor and outdoor use) incorporates a cord bundling structure, allowing safe use even in small factory cable-laying environments.
- The indoor use and outdoor use cables are free of tension members, and have an allowable tension equivalent to the reinforced type for outdoor use.
- The outdoor use cable is waterploof, and can be used even in flooded or temporary submerged areas.
- By attaching the enclosed protective holder, breakage at the connector base can be prevented and space in the panel can be saved.
- This cable has reinforced bending characteristics.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/opt-fiber/gi_optfiber/gi_optfiber_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

CC-Link IE Controller Network Compatible Optical Fiber Cable for movable using QG-VCT

This cable is lasting on movable condition, and passed 10 million times bending test. It is possible to use this cable with cable bears and curtain rails.

Features

- This cable is lasting on movable condition, and passed 10 million times bending test.
- It possible to use this cable on repeated moving condition such as cable bears and curtain rails.
- This cable is flexible, because it doesn't contain any metal.
- It is possible to lay this cable directly without any tension members.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	φ6mm
Mass	30kg / km
Standard Price	お問い合わせください。

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/opt-fiber/gi_optfiber/gi_optfiber_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

CC-Link IE Controller Network Compatible Optical Fiber Cable(UL Listed) QG-BU

This optical fiber cable is Listed by Underwriters Laboratories Inc. and high flame retardant.

Features

- This cable is Listed by Underwriters Laboratories Inc. (Type OFNR), and the wiring harness program.
- This cable passed Riser flame test in UL1666.Therefor it is high flame retardant.
- This cable can be laid in narrow space, because of its thin outside diameter.
- It is possible to pull this cable directly less than 420N.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	ϕ5mm
Mass	20kg / km
Standard Price	お問い合わせください。

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/opt-fiber/gi_optfiber/gi_optfiber_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

AC302893 Fiber Optic Patch Cord,Duplex Zip 2.0mm LCD/PC-LCD/PC,2f,OM2 Low Loss,2m, Riser

The patch cord assembly is made of duplex zip 2.0 mm multimode 50 micron, OM2, fiber cable connectorized with LC Duplex connectors at both ends. The insertion loss is specified at a maximum of 0.3 dB

Features

- Low Loss insertion at 0.3 dB
- 100% Optically tested
- High quality ceramic ferrules for low insertion loss and high durabilty
- Standard lengths of 2, 5, 10, 15, and 25 meters are available
- Custom length configuration capabilities

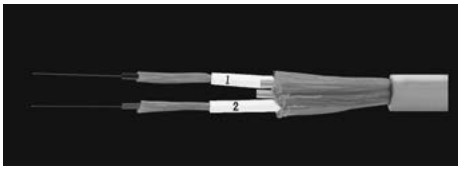
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Belden - Beijing
Rm 2502-2503 E-Tower No. C12 Guanghua Road
Chaoyang Dist. Beijing 100020
People's Republic of China
TEL : +86-10-65918801
<URL> http://www.belden.com/
<URL> http://www.belden.com/07Markets/07_Industrial/07_Industrial_Network_Protocol_Solutions/CC_Link.cfm

High-Strength Optical Fiber Cable GI(50/125)2C CCNC-IEC/HSB

CC-Link IE Controller Network Compatible Optical Fiber Cable(trunk line or external wiring)



Features

- Flexible and resistant to crushing and impact along with superior wear-resistance.
- Optimized for trunk line or external wiring of electronic equipment.
- Complies with RoHS directive

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Approx. 6.5 (mm)
Mass	Approx. 31 (kg/km)
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

Optical Fiber Cable GI(50/125)2C CCNC-IEC/AW

CC-Link IE Controller Network Compatible Optical Fiber Cable(Inside panel)

Features

- Optimized for internal wiring or interconnection of electronic equipment.
- Complies with RoHS directive

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Approx. 2.0×4.0(mm)
Mass	Approx. 11 (kg/km)
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

om3,Fiber patch cord,Duplex OM3

The om3 fiber patch cord is used in 10GB/S high speed networks .It widely used in buildings or between buildings,supports video,data and voice service.

Features

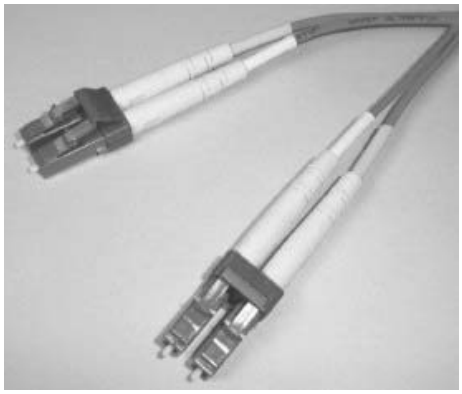
- SC,LC,ST,FC,and MTRJ connectors
- low smoke zero lalogen lasz cable in aqua or purple color
- om3 fiber confirms to ITV-651,TIA/EIA 492AAAC
- standard connector gives optimum optical performance

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	[mm]4.0*10
Mass	
Standard Price	

Contact
上海光特通讯科技发展有限公司
TEL : 0086-21-69512610
FAX : 0086-21-51010865
<E-mail> elena_tang@chinaguangte.com

Industrial jumper

Research, development, production and sales of the preform, optical fiber, optical fiber cable, communication cable, special cable and components, accessories, components and materials, manufacturing equipment and communication products, provide engineering and Technical Services Appeals products.



Features

- Application: suitable for equipment and wiring equipment control cabinet.
- Jacket color: Orange
- Optical fiber cable core coated outer diameter: 0.9mm
- Cord coated outer diameter : 2.0mm
- Fiber size: 50/125um

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact
TEL : 0086-27-67887348
FAX : 0086-27-87425978
<URL> http://www.yofc.com

Optical fiber cable (GI G50 / 125 type) for CC-Link IE Controller network DFC-QG series

It is an optical fiber cable of the connector processing finished for CC-Link IE Controller network.
Adopting multi-mode GI optical fiber of core diameter 50μm and cladding diameter 125μm to optical cord.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Open price

Features

- Product lines: for inside control box, for inside control box movable, for indoor, for indoor (reinforcement), for indoor movable, for outdoor (reinforcement) LAP sheath
- [for inside control box]
  Type : DFC-QG□-CP21(**M)
  The connector is selected from : DLC, SC, FC, none.
  [for inside control box movable]
  type : DFC-QG□-CPV21(**M)
  The connector is selected from : DLC, SC, FC, none.
  [for indoor]
  Type : DFC-QG□-RM21(**M)
  The connector is selected from : DLC, SC, FC, none.
  [for indoor (reinforcement)]
  Type : DFC-QG□-RMT□1(**M)
  The connector is selected from : DLC, SC, FC, none.
  The optical cord is selected from : 2, 4, 6, 8.
  [for indoor movable]
  Type : DFC-QG□-RMV21(**M)
  The connector is selected from : DLC, SC, FC, none.
  [for outdoor (reinforcement)LAP sheath]
  Type : DFC-QG□-FDL□1(**M)
  The connector is selected from : DLC, SC, FC, none.
  The optical cord is selected from : 2, 4, 6, 8.
- We accept order production with the specified length. (to 2,000m)
  ※[for inside control box] and [for inside control box movable]→ to 1,000m

Contact

Diatrend Corporation
Please contact us for your purchase.
<URL> http://www.diatrend.com
<URL> http://www.diatrend.com/optifiber/cc-linkie/gi_lineup.htm
<E-mail> info@diatrend.co.jp

Fiber optic adapter DFC-DLC-ADP

It is a fiber optic adapter that can extend the optical fiber cable (DLC connector) for CC-Link IE Controller network.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	open price

Features

- Fiber optic adapter for DLC⇔DLC
- Removable durability: more than 500 times.
- Connection loss: 0.5dB or less (when using single-mode fiber)
  0.3dB or less (when using multi-mode fiber)

Contact

Endurable for high lateral pressures optical fiber cable

Tough optical fiber cable durable against lateral pressure

Features

- Model: Gorilla cable for outdoors with DLC connectors on both ends
  - ・Cable color: Black
  - ・Fiber type: GI (50/125)
  - ・Connector: DLC connectors on both ends (2-station LC connectors)
  - ・Environmental resistance: RoHS Directive compliant
  - ・Sales format: Specify length

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Approx. 6.2 (mm)
Mass	40(kg/km)
Standard Price	Please inquire.

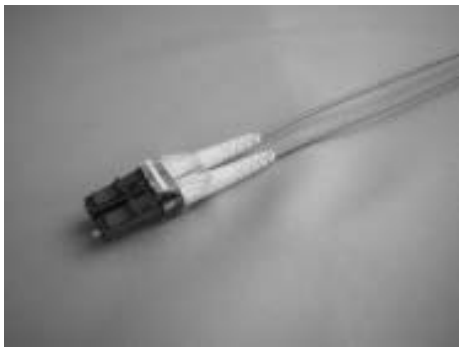
Contact

Okano Electric Wire Co.,Ltd.
TEL : +81-46-261-3122
<URL> http://www.okano-cable.co.jp/
<URL> http://www.okano-cable.co.jp/o-fiber.html
<E-mail> info-e@okano-cable.co.jp

OKANO CABLE CO. LTD. | CC-Link IE Control | Cables・connectors

Optical fiber cord

Zip cord usable for device wiring



Features

- Model: EM-OKOP-5G17-CM(LG)-DLC-DLC
  - ・Color: Light green (inquire regarding other colors)
  - ・Fiber type: GI (50/125)
  - ・Connector: DLC connectors on both ends (2-station LC connectors)
  - ・Environmental resistance: RoHS Directive compliant
  - ・Sales format: Specify length

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Approx. 1.7 x 3.6 (mm)
Mass	5(kg/km)
Standard Price	

Contact

Okano Electric Wire Co.,Ltd.
TEL : +81-46-261-3122
<URL> http://www.okano-cable.co.jp/
<URL> http://www.okano-cable.co.jp/o-fiber.html
<E-mail> info-e@okano-cable.co.jp

PWF-QG-G50-2C-B

CC-Link IE Control Network Compatible Optical Fiber Cable

Features

- Flexible and resistant to crushing and impact along with superior wear-resistance
- Optimized for trunk line or external wiring of electronic equipment
- Custom length configuration capabilities

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Cable outside diameter approx 7.0mm
Mass	34kg/km
Standard Price	Contact for more information

Contact

Shanghai Powerful Automation Technology Development Co.,Ltd
TEL : +86-021-56591078
<URL> http://www.sh-powerful.com/
<E-mail> shanghai_pwf@163.com

CC-Link IE Control Fiber-cord

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link IE object development

The CC-Link IE development tool with object software supports the development of CC-Link IE controller compatible network products.

Features

- The CC-Link IE development tool with object software is composed of the object code and reference manual.
- This function is made up using a device kit.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Control | Peripheral software

GX Works2 SW1DNC-GXW2-E

Programmable Controller Engineering Software
The Next Generation in Industrial Programming

Features

- On the Q or L series, parameters can be set without using any sequence program by setting them at "Network parameters (CC-Link) " of GX Works2.
- On the Q or L series, networks can be monitored using "CC-Link diagnosis" of GX Works2.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Fault-tolerant Server connects CC-Link IE Control・Field Network.

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CertiFiber Pro Multimode Loss Test Kit

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

KK TFF FlukeNetworks
TEL : 81-3-6714-3117
<E-mail> infoj@fluke.com

KK TFF Fluke Networks | CC-Link IE Control | Tool

FTK1300Optical Power Meter and Fiber Test Kits

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

KK TFF FlukeNetworks
TEL : 81-3-6714-3117
<E-mail> infoj@fluke.com

CC-Link IE Controller Network Compatible Optical Media Converter DMC-1000SL-DC

This product can extend the distance between stations of CC-Link IE controller network.
You can use CC-Link IE controller network in a large-scale plant such as ironworks through this product.

Features

- This product increases the greater distance between stations of a CC-Link IE controller network.
- Communication between 1000BASE-SX and 1000BASE-LX modules is possible by installing this product between those modules.
- Series connection of these products up to four steps is possible by the low-jitter signal with the 3R regeneration format.
- This product accepts Link Pass Through.
- This product meets UL and CE standards.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	W31×H95×D90 [mm]
Mass	0.25 [kg]
Standard Price	210,000円

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linkie/dmc1000sldc/dmc1000sldc_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

CC-Link IE Controller Network Compatible Optical Media Converter DMC-1000SL

Communication between 1000BASE-SX module and 1000BASE-LX module.

Features

- Greater distance between stations of a CC-Link IE controller network. Increase the distance between stations to 15km.
- Communication between 1000BASE-SX and 1000BASE-LX modules is possible by installing this product between those modules.
- A cascade connection of up two steps is possible by relaying a low-jitter signal with the 3R regeneration format.
- This product transmits received sigals as they are, without creating auto-negotiation signals.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	52(W)×26(H)×74(D) mm
Mass	100 g
Standard Price	230,000円

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linkie/dmc1000sl/dmc1000sl_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

CC-Link IE Controller Network Compatible Connecting Terminal SC-ECT-P3

This product enables to add units between stations and gradual set-up without changing the existing installed cables.

Features

- Enables to add 3 units as maximum by installing connecting terminal between stations. (No more than 4 units)
- Enables gradual set-up without changing the existing installed cables. (1 four-core calbe laying per additional unit)
- Possible to install with screws or to DIN rail

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	W151×H65×D64 [mm]
Mass	0.3 [kg]
Standard Price	30,000円

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp/
<URL> http://www.melsc.co.jp/business/cc-linkie/connectedterminal/connectedterminal_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

MELSEC-L Series CC-Link IE Field Network Master/Local Module LJ71GF11-T2

High-speed and large-capacity data communication is available between a master station and slave stations on CC-Link IE Field Network.

Features

- The network can be wired into star topology, line topology, and ring topology. For star topology, a 1000BASE-T compliant switching hub can be used. Wiring is highly flexible because a network can consist of a combination of star and line topologies. For example, the control panels can be connected through a star topology and the production lines through a line topology.
- Because of the short transmission delay time, a delay occurred during communication does not need to be considered.

Station type	Master, local station
Number of stations occupied	
CC-Link version	
External dimensions	90(H)×45(W)×95(D)[mm]
Mass	0.27kg
Standard Price	80,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MELSEC-L Series CC-Link IE Field Network Head Module LJ72GF15-T2

The head module can connect MELSEC-L series I/O modules and intelligent function modules on CC-Link IE Field Network. The head module can be used as an intelligent device station on the CC-Link IE Field Network.

Features

- The I/O signals of the module connected to the head module can operate as those of the master station.
- The master station and a local station can directly access head module devices and the buffer memory in an intelligent function module by transient transmission. Communications with other stations on other networks can also be made. The master station and a local station send requests to the head module by dedicated instructions.
- Parameters for the head module can be set using software, GX Works2. Creating parameter setting programs is not necessary.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	90(H)×50(W)×95(D)[mm]
Mass	0.23kg
Standard Price	68,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | PLC

MELSEC-Q Series CC-Link IE Field Network Master/Local Module QJ71GF11-T2

High-speed and large-capacity data communication is available between a master station and slave stations on CC-Link IE Field Network.

Features

- 1Gbps communication speed allows high-speed communication. Also, the takt time can be reduced due to the improved performance of communication response.
- A 1000BASE-T-compliant Ethernet is used for the connection interface. The wiring cost can be reduced because 1000BASE-T-compliant Ethernet cables are commercially available.
- The network can be wired into star topology, line topology, and ring topology. For star topology, a 1000BASE-T compliant switching hub can be used. Wiring is highly flexible because a network can consist of a combination of star and line topologies. For example, the control panels can be connected through a star topology and the production lines through a line topology.
- Since transmission delay time is short, delay caused during communication does not need to be considered.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	98(H)×27.4(W)×115(D)[mm]
Mass	0.18kg
Standard Price	80,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | PLC

MELSEC-QS Series CC-Link IE Field Network Master/Local Module QS0J71GF11-T2

This unit is for connecting safety PLC to CC-Link IE Field network.

Features

- The network can be wired into star topology, line topology, and ring topology. For star topology, a 1000BASE-T compliant switching hub can be used. Wiring is highly flexible because a network can consist of a combination of star and line topologies. For example, the control panels can be connected through a star topology and the production lines through a line topology.
- 1Gbps communication speed allows high-speed communication. Also, the takt time can be reduced due to the improved performance of communication response.
- Since transmission delay time is short, delay caused by the network does not need to be considered.
- Data communication ensuring high safety (safety communication) can be performed. Data is communicated after a safety connection is established between safety stations on the same network.

Station type	Master station (safety station), local station (safety station)
Number of stations occupied	
CC-Link version	
External dimensions	98(H)×27.4(W)×115(D)[mm]
Mass	0.18kg
Standard Price	オープン価格

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MELSEC-Q series CC-Link IE Field Network Simple Motion Module QD77GF16

The QD77GF16 Simple Motion module combines the versatility of Ethernet and highly accurate synchronous operation for Motion control.

Features

- Starting from the sequence program, positioning/synchronous/cam control are easily performed with simple parameter settings.
- QD77GF16 can be used as the master station of CC-Link IE Field Network.
- Within one network, QD77GF16 can communicate with servo amplifiers and field devices (Remote I/O, Sensor, etc.).
- 同期通信機能に対応しているDC入力、トランジスタ出力、アナログ入力/出力、高速カウンタユニットと動作タイミングを揃えることで、各スレーブ機器とサーボアンプ間の同期制御を実現します。

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	98.0(H) × 27.4(W) × 115(D)
Mass	0.26kg
Standard Price	¥260,000

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/index.html
<URL> http://mitsubishielectric.co.jp/fa/products/cnt/ssc/pmerit/sscq/qd77gf/point.html

MELSEC iQ-R Series CC-Link IE Field Network Master/Local Module RJ71GF11-T2

RJ71GF11-T2

Features

- CC-Link IE Field is a versatile gigabit Ethernet-based network integrating controller, I/O control, safety control, and motion control in a flexible wiring topology supporting star, ring, and line configurations.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	106(H)×27.8(W)×110(D) [mm]
Mass	0.17kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | PLC

MELSEC iQ-R Series Multi-network supporting Ethernet module RJ71EN71

Features

●Dual Ethernet ports enable the module to operate as an Ethernet or CC-Link IE Field Network master/local station, or a CC-Link IE Control network control/normal station.

Station type	Master station / Local station
Number of stations occupied	
CC-Link version	
External dimensions	106(H)×27.8(W)×110(D) [mm]
Mass	0.17kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | PLC

MELSEC iQ-R Series CC-Link IE embedded CPU module R□ENCPU

MELSEC iQ-R series CPU module with CC-Link IE embedded.

Features

●The two Ethernet ports on the network side enable the module to operate as an Ethernet or CC-Link Field Network master/local station, or as a CC-Link IE Control Network control/normal station.

●The Ethernet port on the CPU side is used as an Ethernet communication port.

●The two Ethernet ports on the network side are connectable to different combinations of networks.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	106(H)×56(W)×110(D)[mm]
Mass	0.40kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

CC-Link IE Field Network remote head module RJ72GF15-T2

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MELSEC iQ-F Series CC-Link IE Field Network Intelligent device station module FX5-CCLIEF

FX5-CCLIEF is an intelligent function module. It can connect MELSEC iQ-F series FX5 CPU modules on CC-Link IE Field Network as an intelligent device station.

Features

- The input/output data of FX5 PLCs can be operated as those of the master station by cyclic transmission.
- The master station can directly access the devices of FX5 PLC connected to FX5-CCLIEF by transient transmission. Communications with other stations on other networks can also be made.
- Parameters for FX5-CCLIEF can be set using software, GX Works3. Creating parameter setting programs is not necessary.

Station type	Intelligent device station
Number of stations occupied	
CC-Link version	
External dimensions	90(H)×50(W)×103(D)[mm]
Mass	0.3kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | PLC

MELSEC iQ-R series CC-Link IE Field Network Simple Motion Module RD77GF

With the single network, various field devices such as servo amplifiers, I/O modules, and high-speed counter modules are connected with no restriction enabling advanced Motion control.

Features

- ONE engineering software, MELSOFT GX Works3 covers all aspects of the product development cycle from easy settings to diagnosis.
- Inputs and outputs can be synchronized with the servo command communication cycle.
- This CC-Link Field Network Simple Motion module is connectable to a CC-Link IE Field Network compatible servo amplifier "MR-J4-GF(-RJ)".
- Suppressing the cost of a system configuration is possible since this module is used as a master station of the network.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	106.0(H) × 27.8(W) × 110.0(D)
Mass	0.23kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Advantech Japan Co., Ltd. | CC-Link IE Field | PLC

Unmanaged Industrial Gigabit Ethernet + SFP Switch Hub EKI-5729F/5726F

8/16 ports + SFP 2 ports unmanaged Industrial Gigabit Ethernet Switches designed compact IP30 with wide power rage, and wide range temperature, supporting EMC level 3 for CC-Link IE Field.

Features

- Supports redundant wide power input (8.4 to 52.8 VDC) and P-Fail relay
- Wide operating temperature range -10 ~ 60° C, Wide I-type -40 ~ 75° C
- Jumbo Frame Support (Up to 9,216 Bytes)
- Port-based QoS for deterministic data transmission
- In Loop detection
- EMS level 3 protection for extreme outdoor environments
- UL508, UL-C1D2, FCC, CE, ATEX, DNV

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	43 x 120 x 84 mm EKI-5729F/EKI-5729FI 8 ports+SFP 2 ports 74 x 120 x 84 mm EKI-5726F/EKI-5726FI 16 ports+SFP 2 ports
Mass	
Standard Price	

Contact

Advantech Japan
TEL : +81-3-6802-1021
<URL> http://www2.advantech.com/products/0cba8822-7dac-484d-ad9d-91f70d02c0d5/EKI-5729F/mod_FBE01D0A-8332-4082-8D6F-BB3525D59D45.aspx
<URL> http://www2.advantech.com/products/0cba8822-7dac-484d-ad9d-91f70d02c0d5/EKI-5726F/mod_93dec80a-0a6f-4818-abd9-f4c311516d53.aspx

Advantech Japan Co., Ltd. | CC-Link IE Field | PLC

Unmanaged Industrial Gigabit Ethernet Switch Hub EKI-3725/3728

5/8 ports unmanaged Industrial Gigabit Ethernet Switch Hub designed compact IP40 with wide power rage, and wide range temperature for CC-Link IE Field.

Features

- Supports redundant wide power input (8.4 to 52.4 VDC) and P-Fail relay
- Wide operating temperature range -10 ～ 60° C
- Jumbo Frame Support (Up to 9,216 Bytes)
- Port-based QoS for deterministic data transmission
- In Loop detection
- Low power consumption 5ports : 2.14 Watts / 8 ports 4.5 Watts
- UL60950-1, FCC, CE

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	28.5 x 120 x 85.3 mm (1.02" x 4.73" x 3.35") - EKI-3725 44.5 x 120 x 85.3 mm (1.75" x 4.73" x 3.35") - EKI-3728
Mass	
Standard Price	

Contact

Advantech Japan
TEL : +81-3-6802-1021
<URL> http://www.advantech.com
<URL> http://www2.advantech.com/products/1-2MLK0J/EKI-3725/mod_2c059c18-4b09-42ec-a4b5-22ba394d3500.aspx
<URL> http://www2.advantech.com/products/1-2MLK0J/EKI-3728/mod_2f120f49-0e16-4533-a72d-89d7e341b110.aspx

Advantech Japan Co., Ltd. | CC-Link IE Field | PLC

Unmanaged Industrial Gigabit Ethernet Switch Hub EKI-5725/5728/5726

5/8/16 ports unmanaged Industrial Gigabit Ethernet Switches designed compact IP40 with wide power rage, and wide range temperature, supporting EMC level 3 for CC-Link IE Field.

Features

- Supports redundant wide power input (8.4 to 52.8 VDC) and P-Fail relay
- Wide operating temperature range -10 ～ 60° C 、Wide I type -40 ～ 75℃
- Jumbo Frame Support (Up to 9,216 Bytes)
- Port-based QoS for deterministic data transmission
- In Loop detection
- EMS level 3 protection for extreme outdoor environments
- UL508, UL-C1D2, FCC, CE, ATEX, DNV

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	28.5 x 120 x 85.3 mm - EKI-5725/5725I 5 ports 44.5 x 120 x 85.3 mm - EKI-5728/5728I 8 ports 74.0 x 120 x 84.0 mm - EKI-5726/5726I 16 ports
Mass	
Standard Price	

Contact

Advantech Japan
TEL : +81-3-6802-1021
<URL> http://www.advantech.com
<URL> http://www2.advantech.com/products/0cba8822-7dac-484d-ad9d-91f70d02c0d5/EKI-5725/mod_41eecfe4-4c08-4266-a128-16baddb7b30f.aspx
<URL> http://www2.advantech.com/products/0cba8822-7dac-484d-ad9d-91f70d02c0d5/EKI-5728/mod_2ac7b145-cd81-4cda-8b0b-ba34a32887db.aspx
<URL> http://www2.advantech.com/products/0cba8822-7dac-484d-ad9d-91f70d02c0d5/EKI-5726/mod_8e1006ae-5ac6-4945-b54e-f0c65309911f.aspx

Ethernet unit KV-XLE02 for KV-7000 series

1 unit can cover a variety of communications from CC-Link IE Field, EtherNet/IP, EtherCAT, and PROFINET.

Features

- Operating unit: Complies to Intelligent device unit.
- High speed communication is possible with 1Gbps Ethernet port.
- Parameter settings can be easily configured on the KV STUDIO(Ladder support software) and can communicate with out any program.
- Can comply to star/line/ring topology so flexible wiring is possible.

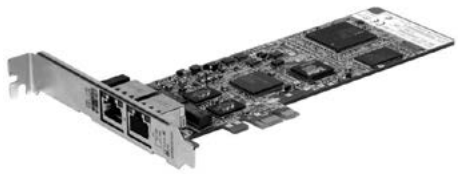
Station type	Intelligent Device Station
Number of stations occupied	
CC-Link version	
External dimensions	36(W)×92.5(H)×95(D)mm
Mass	Approx. 190g
Standard Price	Please ask Keyence Corp. for Details

Contact

KEYENCE CORPORATION.
TEL : +81-6-6379-2211
<URL> http://www.keyence.com

Interface Board Q80BD-J71GF11-T2, Q81BD-J71GF11-T2

CC-Link IE Field Network board allows the connection of a personal computer to CC-Link IE Field Network.



Q81BD-J71GF11-T2

Features

- A personal computer can be easily connected to CC-Link IE Field Network
- System controls and high-speed data collection
- User programs created using existing boards can be utilized
- Checking CC-Link IE Field Network status on the screen
- The software package for Windows is included the interface board. (The manual to develop a driver for various OSs is provided for cutomers who use the board with an OS other than Windows.)

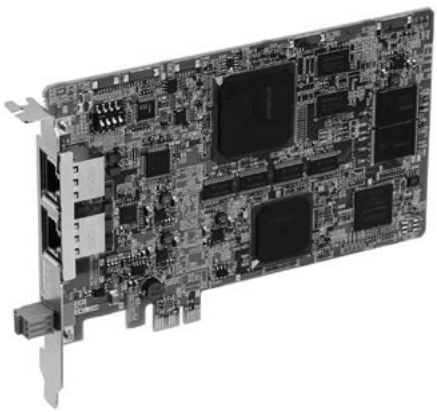
Station type	
Number of stations occupied	
CC-Link version	-
External dimensions	121(H)×18.5(W)×181(D)[mm]/ 121(H)×18.5(W)×181(D)[mm]/ 80(H)×18.5(w)×181(D)[mm]
Mass	0.11kg/0.08kg(standard)/ 0.07kg(low profile)
Standard Price	160,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

CC-Link IE Field Network Simple Motion Board MR-EM340GF

Motion control on PC Environment with CC-Link IE Field Network



Features

- The optimal solution with numerous motion control
- Flexible connection for various field device with CC-Link IE Field Network
- The satisfying development and debugging environments with MELSOFT EM Software Development Kit
- Easy programming with Visual C++(R)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	167.65(W) mm × 111.15(H) mm
Mass	0.13kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

BNI CIE-104-105-Z015

CC-Link IE Field Standard Input module with 8x M12 ports. 16 Digital inputs (PNP), Distributed input box, Waterproof, Field mountable, IP67

Features

- 16 digital inputs (PNP)
- IP 67 Water and Oil proof
- 8x Ports M12
- Field mountable
- Integrated display for module information and additional functions

Station type	Intelligent Device Station
Number of stations occupied	-
CC-Link version	-
External dimensions	W x H x D [mm] 68 x 224 x 36.9
Mass	685 [g]
Standard Price	Contact for more information

Contact

Balluff Co., Ltd.
Ishikawa Bldg. 2F, 1-5-5 Yanagibashi, Taito-ku, Tokyo, 111-0052
TEL : +81-3-5833-5440
<URL> http://www.balluff.com/
<E-mail> info.jp@balluff.jp

Balluff GmbH | CC-Link IE Field | Digital I/O

BNI CIE-106-105-Z015

CC-Link IE Field Standard input module with 8x M12 ports. 16 Digital inputs (NPN), Distributed box, Waterproof, Field mountable, IP67

Features

- 16 digital inputs (NPN)
- IP 67 Water and Oil proof
- 8x Ports M12
- Field mountable
- Integrated display for module information and additional functions

Station type	Intelligent Device Station
Number of stations occupied	-
CC-Link version	-
External dimensions	W x H x D [mm] 68 x 224 x 36.9
Mass	685 [g]
Standard Price	Contact for more information

Contact

Balluff Co., Ltd.
Ishikawa Bldg. 2F, 1-5-5 Yanagibashi, Taito-ku, Tokyo, 111-0052
TEL : +81-3-5833-5440
<URL> http://www.balluff.com/
<E-mail> info.jp@balluff.jp

BNI CIE-302-105-Z015

CC-Link IE Field Standard IO module with 8x M12 ports. Max. 16 Digital inputs/outputs (PNP), free configurable. Distributed I/O box, Waterproof, Field mountable, IP67

Features

- Max. 16 digital outputs / max. 16 digital inputs (PNP) free configurable
- IP 67 Water and Oil proof
- 8x Ports M12
- Field mountable
- Integrated display for module information and additional functions

Station type	Intelligent Device Station
Number of stations occupied	-
CC-Link version	-
External dimensions	W x H x D [mm] 68 x 224 x 37.9
Mass	685 [g]
Standard Price	Contact for more information

Contact

Balluff Co., Ltd.
Ishikawa Bldg. 2F, 1-5-5 Yanagibashi, Taito-ku, Tokyo, 111-0052
TEL : +81-3-5833-5440
<URL> http://www.balluff.com/
<E-mail> info.jp@balluff.jp

Balluff GmbH | CC-Link IE Field | Digital I/O

BNI CIE-311-105-Z015

CC-Link IE Field Standard IO module with 8x M12 ports. Max. 16 Digital inputs/outputs (NPN), free configurable. Distributed I/O box, Waterproof, Field mountable, IP67

Features

- Max. 16 digital outputs / max. 16 digital Inputs (NPN) free configurable
- IP 67 Water and Oil proof
- 8x Ports M12
- Field mountable
- Integrated display for module information and additional functions

Station type	Intelligent Device Station
Number of stations occupied	-
CC-Link version	-
External dimensions	W x H x D [mm] 68 x 224 x 36.9
Mass	685 [g]
Standard Price	Contact for more information

Contact

Balluff Co., Ltd.
Ishikawa Bldg. 2F, 1-5-5 Yanagibashi, Taito-ku, Tokyo, 111-0052
TEL : +81-3-5833-5440
<URL> http://www.balluff.com/
<E-mail> info.jp@balluff.jp

CC-Link IE Field Communication Unit for HG Series SC-HG1-CEF

デジタル変位センサ(HG-Sシリーズ)をCC-Link IE Fieldに直結。高精度測定値をダイレクトに転送可能。

Features

●デジタル変位センサ(HG-Sシリーズ)の測定値及び設定がCC-Link IE Field通信できます。
※変更 書き込み可能

●変位センサの測定値及び設定値がワード情報として取得でき、出荷管理やトレーサビリティに活用できます。

Station type	Remote device channel
Number of stations occupied	—
CC-Link version	—
External dimensions	W 38mm×H 58mm×D 80mm
Mass	100g
Standard Price	30000円

Contact

Panasonic Industrial Devices SUNX Co.,Ltd.
2431-1, Ushiyama-cho, Kasugai, Aichi 486-0901, Japan
Techinical Service : Toll Free 0120-394-205
Techinical Service : Toll Free 0120-336-394 (FAX)
<URL> http://www2.panasonic.co.jp/id/pidsx/e/index.html

Communication Unit for CC-Link IE Field SC-GU3-04

Digital sensors are directly connected to CC-Link IE Field. Display value and set value of digital sensors can be indicated and set up at PC and/ or touch panel.

Features

●Light entrance value of sensors can be given as Word information. This feature is useful for shipment control and traceability.

●Sensor amplifiers can be set up without sliding. This enables easy maintenance and exchange of sensors.

●16 of 1-5 V analogue inputs can be received by using 1-5V analogue input unit: SC-T1JA.

Station type	Remote device channel
Number of stations occupied	—
CC-Link version	—
External dimensions	40(W)×46.7(H)×96.7(D)mm
Mass	100g
Standard Price	30000円

Contact

Panasonic Industrial Devices SUNX Co.,Ltd.
2431-1, Ushiyama-cho, Kasugai, Aichi 486-0901, Japan
Techinical Service : Toll Free 0120-394-205
Techinical Service : Toll Free 0120-336-394 (FAX)
<URL> http://www2.panasonic.co.jp/id/pidsx/e/index.html

Remote I/O Module MIL Connector Type NZ2GFCM□-□

CC-Link IE フィールドネットワーク用ブロックタイプのリモートユニットです。増設・組み合わせ自在に行え、フレキシブルなシステム構築を可能にします。

Features

- ●Flexible system configuration available
- ●The module also can be installed in six directions.
- ●Easy connection to relay terminal or terminal block module
- ●Error history confirmation
- ●Easy setting with CC IE Field configuration of GX Works2
- ●NZ2GFCM1-16D : DC input module (MIL connector, positive common type)
  NZ2GFCM1-16DE : DC input module (MIL connector, negative common type)
  NZ2GFCM1-16T : Transistor output module (MIL connector, sink type)
  NZ2GFCM1-16TE : Transistor output module (MIL connector, source type)

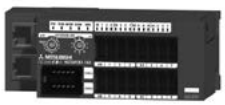
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	50(H)×133(W)×68(D)[mm]
Mass	0.24kg
Standard Price	32000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module Sensor Connector (e-CON) Type NZ2GFCE□-□

The additional unit for remote unit of the block type for CC-Link IE Field Networks. Able to combine and add freely which enables flexible system building.



Features

- ●Flexible system configuration available
- ●The module also can be installed in six directions
- ●Easy sensor connection
- ●Error history confirmation
- ●Easy setting with CC IE Field configuration of GX Works2
- ●NZ2GFCE3-16D : DC input module (sensor connector (e-CON), positive common type)
  NZ2GFCE3-16DE : DC input module (sensor connector (e-CON), negative common type)
  NZ2GFCE3-16T : Transistor output module (sensor connector (e-CON), sink type)
  NZ2GFCE3-16TE : Transistor output module (sensor connector (e-CON), source type)
  NZ2GFCE3-32D : DC input module (sensor connector (e-CON), positive common type)
  NZ2GFCE3-32T : Transistor output module (sensor connector (e-CON), sink type)
  NZ2GFCE3-32DT : DC input/transistor output module (sensor connector (e-CON), positive common, sink type)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	50(H)×133(W)×68(D)[mm]/ 50(H)×194(W)×68(D)[mm]
Mass	0.27kg/0.35kg
Standard Price	38000円/58000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module Terminal Block Type NZ2GF2B□-□

Block type remote unit for CC-Link IE Field Network. Allows free extension/combination and enables flexible system construction.

Features

- Flexible system configuration available
- The module also can be installed in six directions.
- Easy module replacement
- Error history confirmation
- Easy setting with CC IE Field configuration of GX Works2

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Remote I/O Module FCN Connector Type NZ2GFCF□-□

Block type remote unit for CC-Link IE Field Network. Free to extend and combine which enables flexible system configuration.

NZ2GFCF1-32D

Features

- Flexible system configuration available
- The module also can be installed in six directions.
- Easy connection to relay terminal or terminal block module
- Error history confirmation
- Easy setting with CC IE Field configuration of GX Works2
- NZ2GFCM1-32D : DC input module (FCN connector, positive common/negative common shared type)
  NZ2GFCM1-32T : Transistor output module (FCN connector, sink type)
  NZ2GFCM1-32DT : DC input/transistor output module(FCN connector, positive common/negative common shared type, sink type)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	50(H)×163(W)×68(D)[mm]
Mass	0.26kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Remote I/O Module Spring Clamp Terminal Block Type NZ2GF2S□-□

Block type remote unit for CC-Link IE Field Network. Allows free extension/combination and enables flexible system construction.

NZ2GF2S1-16D

Features

- Flexible system configuration available
- The module also can be installed in six directions.
- Wirable without tools
- Easy wiring check
- Easy setting with CC IE Field configuration of GX Works2
- NZ2GF2S1-16D : DC input module (spring clamp terminal block, positive common/negative common shared type)
  NZ2GF2S1-16T : Transistor output module (spring clamp terminal block, sink type)
  NZ2GF2S1-16TE : Transistor output module (spring clamp terminal block, source type)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	50(H)×133(W)×68(D)[mm]
Mass	0.31kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | Digital I/O

Remote I/O Module With Safety Functions NZ2GFSS2-32D

This is CC-Link IEField Network Remote I/O Module with Safety Functions

NZ2GFSS2-32D

Features

- Generic and safety control in one CPU
- Complying with international safety standards
- Safety communication on the same network
- The module also can be installed in six directions.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	100(H)×90(W)×113(D)[mm]
Mass	0.45kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Waterproof/dustproof type (IP67) remote modules NZ2GF12A□-□

Waterproof/dustproof type (IP67) remote modules

Features

- Complies with IP 67 rating. A control cabinet is no longer necessary, saving on hardware cost and space
- Push-to-lock connector reduces wiring tasks and eliminates maintenance as retightening of screws

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

IRDM-CFN

Santest IRD series CC-Link IE Field communication module
Use in combination with the modules such as the linear sensor module or oil pressure servo module.

Features

- Able to acquire present position provided with submodule and change a parameter through CC-Link IE Field.
- We are preparing various types of submodule including GY linear sensor module (IRDS-GY) and oil air pressure servo module (IRDS-SV). Users can use in combination as needed.

Station type	Intelligent Device Station
Number of stations occupied	
CC-Link version	
External dimensions	55(W)×99(H)×111(D)mm (except projection)
Mass	250g
Standard Price	お問い合わせください。

Contact

취급점 썬덴코리아 주식회사
경기도 성남시 중원구 사기막골로 124 SK㉿테크노파크 비즈센터 1409호
TEL : 031-776-0880
<URL> http://www.santest.co.jp/ja

Analog Module NZ2GF2BN-60AD4 NZ2GF2BN-60DA4

Block type remote unit for CC-Link IE Field Network. Allows free extension/combination and enables flexible system construction.

Features

- Available flexible system configuration
- The module can be installed in six directions using a DIN rail.
- Easy module replacement
- Error history confirmation
- Easy setting with CC IE Field configuration of GX Works2
- NZ2GF2BN-60AD4: Analog input module
  NZ2GF2BN-60DA4: Analog output module

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	50(H)×133(W)×68(D)[mm]
Mass	0.30kg/0.29kg
Standard Price	78,000円/90,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | Analog I/O

Temperature Control Module NZ2GF2B-60TCTT4, NZ2GF2B-60TCRT4

CC-Link IE フィールドネットワーク用ブロックタイプのリモートユニットです。 増設・組み合わせ自在に行え、フレキシブルなシステム構築を可能にします。

Features

- Selectable control mode
- Simultaneous temperature rise of multiple loops
- Suppression of peak current
- Error history confirmation
- Easy setting with CC IE Field configuration of GX Works2
- NZ2GF2B-60TCTT4 : Thermocouples
  NZ2GF2B-60TCRT4 : Platinum resistance thermometers

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	65(H)×160(W)×99(D)[mm]
Mass	0.35kg
Standard Price	128,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Analog input modules Sensor connector (e-CON) type NZ2GFCE-60ADV8、NZ2GFCE-60ADI8

Block type Analog input modules

Features

●The conversion speed of the analog input module is 1ms/channel.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | Analog I/O

Analog output modules Sensor connector (e-CON) type NZ2GFCE-60DAV8、NZ2GFCE-60DAI8

Block type Analog output modules

Features

●The conversion speed of NZ2GFCE-60DAV8 and NZ2GFCE-60DAI8 is 1ms/channel.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Multiple input (voltage/current/temperature) module NZ2GF2S-60MD4

Block type Multiple input (voltage/current/temperature) module

Features

- Galvanic channel isolation and conversion speed is 40 ms/4 channels
- Spring clamp terminal block does not require screw tightening, reducing wiring tasks
- Supports variety of temperature sensors (12 types of thermocouple, 10 types of RDT)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

R30 Series Compact, Mixed Signal Remote I/O

Features

Station type	Remote device station
Number of stations occupied	
CC-Link version	—
External dimensions	W104...454×H110×D110mm
Mass	
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

GOT1000 Series CC-Link IE Field Network Communication Unit GT15-J71GF13-T2

GOT now supports the CC-Link IE Field Network.

Features

- This is a GOT communication unit that supports connection with the CC-Link IE Field Network.
- By using the unit as an intelligent device station, it is possible to build a system including GOTs.
- The network line status can be diagnosed in a GOT dedicated screen (Network Monitor function).

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	136 × 44 × 111[mm]
Mass	0.26[kg]
Standard Price	80,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.com/
<URL> http://www.mitsubishielectric.co.jp/fa/products/got_spec/gotDirectProductInfoServlet.do?katamei=GT15-J71GF13-T2

In-Sight 5000 Vision Systems

Features

- In-Sight 5000 Series vision systems are the only vision systems in the world that provide industrial-grade features as standard. Rugged die-cast aluminum and stainless steel cases that can withstand the punishment of vibration, sealed M12 connectors, and a protective lens cover for IP67 and IP68 rated protection against dust and moisture—it all adds up to peace of mind on the factory floor.
- Every In-Sight 5000 Series vision system delivers best-in-class performance. Most models are equipped with a full library of proven Cognex vision tools through the easy to use In-Sight Explorer software. Tools include easy-to-train code reading, OCR, inspection, measurement and color tools plus, PatMax®, the industry standard for part location technology.
- The new 5 MP (megapixel) In-Sight 5605 vision system combines industrially rugged In-Sight 5000 series hardware and best-in-class vision tools with a high resolution imager for the ultimate standalone vision system. The In-Sight 5605 system is ideal for high accuracy defect detection and gauging applications and allows a larger field of view making it easier for the vision tools to accurately find the features of interest on even large size parts, products, and packages

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Varies depending upon the features
Mass	Varies depending upon the features
Standard Price	

Contact

Cognex K.K.
Bunkyo Green Court 23rd floor 2-28-8 Hon-komagome, Bunkyo-ku
Tokyo 113-6591
TEL : 0120-005409
<URL> http://www.cognex.com/
<URL> http://www.cognex.com/ProductsServices/VisionSystems/default.aspx?id=1500
<E-mail> support@cognex-china.com

In-Sight Micro Vision Systems

Features

- In-Sight Micro packs an entire vision system into an amazingly small package measuring just 30mm x 30mm x 60mm—the size of a remote head camera. Its small size, together with a unique non-linear calibration tool that enables mounting at angles of up to 45-degrees makes In-Sight Micro ideal for mounting in tight spaces on robots and hard-to-reach machinery anywhere on the production line.
- In-Sight Micro includes the proven Cognex vision tool library to handle the broadest range of vision applications for the widest array of industries. And with the new EasyBuilder® configuration software, even the most powerful vision tools are accessible to users with little vision experience.
- No PC required! The unique VisionView® operator interface panel makes it easier than ever to monitor production processes. VisionView automatically detects any Cognex vision system on the network and simultaneously displays information from up to nine vision systems in a tiled view.
- The In-Sight Micro family sets a performance standard for all-in-one color vision systems. From food processing to consumer goods packaging, from pharmaceutical inspection to automotive assembly.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	30 x 30 x 60 mm
Mass	
Standard Price	

Contact

Cognex K.K.
Bunkyo Green Court 23rd floor 2-28-8 Hon-komagome, Bunkyo-ku
Tokyo 113-6591
TEL : 0120-005409
<URL> http://www.cognex.com/
<URL> http://www.cognex.com/ProductsServices/VisionSystems/default.aspx?id=110
<E-mail> support@cognex-china.com

FAG SmartCheck

Features

●FAG SmartCheck - permanent online vibration monitoring system (vibration, temperature) - logging (recording) of process parameters by two analogue (0-10 V, 0-20 mA) and one digital input - display of alarms or characteristic values via analogue output (0-10 V, 0-20 am) or switching output -display alarm status via LEDs on device - interfaces Ethernet, RS485 - power supply 11-32 V or power over Ethernet - IP 67 The scope of delivery includes the software products SmartWeb and SmartUtility light.

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	44mm x 55mm x 57mm
Mass	210 g
Standard Price	

Contact

<URL> http://www.schaeffler.com
<URL> http://www.fag-smartcheck.com

ETH-1000 Multiprotocol Ethernet Gateway

The ETH-1000 is a user-configurable multiprotocol Ethernet/RS-485 communications gateway, which allows seamless bridging between various popular industrial and commercial communication networks. As a member of the Millennium Series line of communication gateways, the ETH-1000 is able to leverage the common form factor, configuration and usage experience available to all of these products.

Features

- ●USB connectivity
- ●10/100Base-T Ethernet port
- ●Power can be applied three different ways: via the USB cable (for configuration at a workstation), as a 7-24VDC input on the main terminal block, or via IEEE 802.3af Power over Ethernet / PoE (no need for a local power supply!)
- ●Internal operations managed by a pair of powerful 32-bit processors
- ●Autonomous alarm evaluation with email notification
- ●Real-time web browser-based interaction via an Adobe® Flash Player plug-in. This includes support for database interaction and a dashboard GUI with multiple windows, each of which can be configured to display data in a variety of meter/graph/gauge formats
- ●User-configurable network timeout behaviors
- ●2-wire/4-wire RS-485 network support
- ●Desktop, panel/wall and DIN-rail mountable (all hardware included)
- ●PLC-style logical, arithmetic and filtering database manipulation operations allow the construction of complex autonomous data conditioning functions

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

ICC Sales
TEL : +1 (608) 831-1255
<URL> http://www.iccdesigns.com
<E-mail> sales@iccdesigns.com

CC-Link IE Field Network CC-Link Bridge Module NZ2GF-CCB

CC-Link IEフィールドネットワークに，CC-Linkリモート局を接続するためのユニットです。
ブリッジユニットを使用することで，CC-Link IEフィールドネットワークに，CC-Link Ver.1対応のCC-Linkリモート局を接続できます。

Features

- ●No need to set CC-Link parameters
- ●Easy to control a CC-Link remote station
- ●Independent cyclic transmission

Station type	
Number of stations occupied	
CC-Link version	-
External dimensions	69.5(H)×160(W)×68(D)[mm]
Mass	0.38kg
Standard Price	35,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

Ethernet Adapter Module NZ2GF-ETB

The Ethernet adapter module connects external devices on the Ethernet network to the CC-Link IE Field Network.

Features

- Communication using SLMP
- Connection of MC protocol devices
- Connection to MELSOFT products or GOTs
- CC-Link IE Field Network diagnostics
- Ethernet adapter diagnostics

Station type	
Number of stations occupied	
CC-Link version	-
External dimensions	90(H)×135(W)×109(D) [mm]
Mass	0.70kg
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/
<URL> http://www.mitsubishielectric.co.jp/fa/products/cnt/plceng/download/library/index.html

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | Gateway

CC-Link IE Field-Anywire ASLINK Bridge Module NZ2AW1GFAL

CC-Link IE Field-Anywire ASLINK Bridge Module

NZ2AW1GFAL

Features

- CC-Link IE Field Network and AnyWireASLINK can be seamlessly connected.
- The AnyWireASLINK allows flexible branches and connections if the overall cable distance is within 200m.
- The system needs much less space because of small-type slave modules of the AnyWireASLINK.

Station type	Intelligent device station
Number of stations occupied	
CC-Link version	
External dimensions	95(H)×40(W)×100(D) [mm]
Mass	0.2kg
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

TYPE ECLEF-NV1G Gateway Unit

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Cisco® Industrial Ethernet (IE) 4010 Series Switches

Cisco® Industrial Ethernet (IE) 4010 Series Switches with 28 Gigabit Ethernet interfaces are high-performance ruggedized Layer2/3 switches with high-density Power-over-Ethernet (PoE) capabilities, making them an ideal choice for use as access switches in industrial environments. It delivers comprehensive Cisco IOS® Software security features and high-availability ring protocols. The switch is ideal for harsh environments while adhering to overall IT network design, compliance, and performance requirements.

Features

● ・Robust Industrial Design: Built for harsh environment and temperature range (-40 to 75° C).
・User-Friendly GUI Device Manager: Allows easily configuration and monitoring via a web browser.
・SwapDrive: "Zero-Config" Replacement: Simple switch replacement in case of a failure.
・High-density industrial Power over Ethernet (PoE/PoE+): Supports up to 24 total PoE/PoE+ ports with power budget of 200W available with two power supplies.
・Complete Gigabit Ethernet switch: Total of 28 Gigabit Ethernet ports provide multiple resilient design options

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	1.75 x 17.5 x 14.0 in. (445 x 4,450 x 3,560 mm), 1 RU (rack unit) height
Mass	Without Power Supply: 12.1-12.7 lbs (5.46-5.78 kg)
Standard Price	

Contact

<URL> http://www.cisco.com/
<URL> http://www.cisco.com/c/en/us/products/switches/industrial-ethernet-4010-series-switches/index.html

Cisco Industrial Ethernet 4000 Series Switches

The Cisco® Industrial Ethernet (IE) 4000 Series is the latest addition to our ruggedized switching platforms and provides superior high-bandwidth switching and proven Cisco IOS® Software-based routing capabilities for industrial environments. The IE 4000 Series delivers highly secure access and industry-leading convergence using the Cisco Resilient Ethernet Protocol (REP) and is built to withstand extreme environments while adhering to overall IT network design, compliance, and performance requirements..

Features

●Built for harsh environment and temperature range (-40 to 70 C).
User-Friendly GUI Device Manager：Allows easily configuration and monitoring via a web browser.
SwapDrive: “Zero-Config” Replacement：Simple switch replacement in case of a failure.
High-density industrial PoE/PoE+ support providing in-line power to up to 8 power devices, including IP cameras and phones, badge readers, wireless access points, etc.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	6.12 x 6.12 x 5.09 in. (155.4 x 155.4 x 129.2 mm)
Mass	6.35 pounds (2.88 kg)
Standard Price	

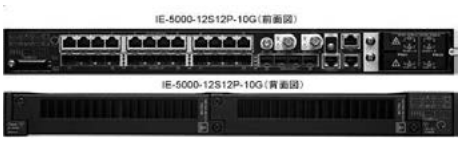
Contact

<URL> http://www.cisco.com/

Cisco Systems | CC-Link IE Field | Gateway

Cisco® Industrial Ethernet (IE) 5000 Series Switches

The Cisco® Industrial Ethernet (IE) 5000 Series Switches with four 10 Gigabit or four 1 Gigabit Ethernet uplinks and 24 Gigabit Ethernet downlinks is a rack mount, ruggedized switch that provides Layer 2 and Layer 3 line rate aggregation and copper Power over Ethernet (PoE) connectivity in the harshest of industrial environments. The IE 5000 Suses superior high-bandwidth hardware switching and proven Cisco IOS® Software. The IE 5000 is highly secure and scalable for access and aggregation layer deployments.



Features

● ・Robust Industrial Design: Built for harsh environment and temperature range (-40 to 75° C).
・User-Friendly GUI Device Manager: Allows easily configuration and monitoring via a web browser.
・SwapDrive: “Zero-Config” Replacement: Simple switch replacement in case of a failure.
・High-density industrial Power over Ethernet (PoE/PoE+): Support for up to 12 PoE or PoE+ ports (Power budget of 65W for PoE or PoE+ with one power supply and up to 185W with two power supplies)
・High-performance Ethernet Switch with 4x10 GE or 4x1GE uplinks and 24x1 GE downlinks

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	1.75 x 17.5 x 14.0 in. (445 x 4,450 x 3,560 mm), 1 RU (rack unit) height
Mass	Without Power Supply: 13.7 lbs (6.21 kg)
Standard Price	

Contact

<URL> http://www.cisco.com/
<URL> http://www.cisco.com/c/en/us/products/switches/industrial-ethernet-5000-series-switches/index.html

BNI CIE-508-105-Z015

CC-Link IE Field - IO-Link module with 8x M12 ports. 8 IO-Link ports and max. 16 digital inputs/outputs (PNP), free configurable. Distributed I/O box, Waterproof, Field mountable, IP67

Features

- 8 IO-Link ports. max. 16 Digital Outputs / max. 16 Digital Inputs free configurable.
- IP 67 Water and Oil proof
- 8 Ports M12
- Field mountable
- Integrated Display for Adress setting
- Integrated Display for diagnosis

Station type	Intelligent Device Station
Number of stations occupied	
CC-Link version	
External dimensions	W x H x D [mm] 68 x 224 x 37.9
Mass	685 [g]
Standard Price	Contact for more information

Contact

Balluff Co., Ltd.
Ishikawa Bldg. 2F, 1-5-5 Yanagibashi, Taito-ku, Tokyo, 111-0052
TEL : +81-3-5833-5440
<URL> http://www.balluff.com/
<E-mail> info.jp@balluff.jp

BNI CIE-518-105-Z015

CC-Link IE Field - IO-Link module with 8x M12 ports. 8 IO-Link ports and max. 16 digital inputs/outputs (PNP@Pin4 and NPN@Pin2), free configurable. Distributed I/O box, Waterproof, Field mountable, IP67

Features

- 8 IO-Link ports. max. 16 Digital Outputs / max. 16 Digital Inputs (PNP@Pin4 and NPN@Pin2) free configurable.
- IP 67 Water and Oil proof
- 8 Ports M12
- Field mountable
- Integrated Display for Adress setting
- Integrated Display for diagnosis

Station type	Intelligent Device Station
Number of stations occupied	
CC-Link version	
External dimensions	W x H x D [mm] 68 x 224 x 37.9
Mass	685 [g]
Standard Price	Contact for more information

Contact

Balluff Co., Ltd.
Ishikawa Bldg. 2F, 1-5-5 Yanagibashi, Taito-ku, Tokyo, 111-0052
TEL : +81-3-5833-5440
<URL> http://www.balluff.com/
<E-mail> info.jp@balluff.jp

Anybus X-gateway CC-Link IE Field - CANopen (AB7963)

Anybus X-gateway (AB7963) gives connectivity of CC-Link IE Field with CANopen. It acts as slave on CC-Link IE Field network and as slave on CANopen network.

Features

- Gives connectivity between CC-Link IE Field and CANopen.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as CANopen slave on CANopen network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link IE Field | Gateway

Anybus X-gateway CC-Link IE Field - DeviceNet (AB7955)

Anybus X-gateway (AB7955) gives connectivity of CC-Link IE Field with DeviceNet. It acts as slave on CC-Link IE Field network and as scanner (master) on DeviceNet network.

Features

- Gives connectivity between CC-Link IE Field and DeviceNet.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as DeviceNet scanner (master) on DeviceNet network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus X-gateway CC-Link IE Field - DeviceNet (AB7960)

Anybus X-gateway (AB7960) gives connectivity of CC-Link IE Field with DeviceNet. It acts as slave on CC-Link IE Field network and adapter (slave) on DeviceNet network.

Features

- Gives connectivity between CC-Link IE Field and DeviceNet.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as DeviceNet adapter (slave) on DeviceNet network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus X-gateway CC-Link IE Field - EtherCAT (AB7961)

Anybus X-gateway (AB7961) gives connectivity of CC-Link IE Field with EtherCAT. It acts as slave on CC-Link IE Field network and as slave on EtherCAT network.

Features

- Gives connectivity between CC-Link IE Field and EtherCAT.
- Transmits I/O data between the two different industrial networks (max. I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as EtherCAT slave on EtherCAT network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus X-gateway CC-Link IE Field - EtherNet/IP (AB7956)

Anybus X-gateway AB7956 gives connectivity of CC-Link IE Field with EtherNet/IP. It acts as slave on CC-Link IE Field network and adapter (slave) on EtherNet/IP network.

Features

- Gives connectivity between CC-Link IE Field and EtherNet/IP.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as EtherNet/IP adapter (slave) on EtherNet/IP network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link IE Field | Gateway

Anybus X-gateway CC-Link IE Field - EtherNet/IP (AB7957)

Anybus X-gateway (AB7957) gives connectivity of CC-Link IE Field with EtherNet/IP. It acts as slave on CC-Link IE Field network and scanner (master) on EtherNet/IP network.

Features

- Gives connectivity between CC-Link IE Field and EtherNet/IP.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as EtherNet/IP scanner (master) on EtherNet/IP network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus X-gateway CC-Link IE Field - Modbus RTU (AB7964)

Anybus X-gateway (AB7964) gives connectivity of CC-Link IE Field with Modbus RTU. It acts as slave on CC-Link IE Field network and as slave on Modbus RTU network.

Features

- Gives connectivity between CC-Link IE Field and Modbus RTU.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as Modbus RTU slave on Modbus RTU network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus X-gateway CC-Link IE Field - Modbus-TCP (AB7958)

Anybus X-gateway (AB7958) gives connectivity of CC-Link IE Field with Modbus-TCP. It acts as slave on CC-Link IE Field network and as server (slave) on Modbus-TCP network.

Features

- Gives connectivity between CC-Link IE Field and Modbus-TCP.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as Modbus-TCP server (slave) on Modbus-TCP network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus X-gateway CC-Link IE Field - PROFIBUS (AB7953)

Anybus X-gateway (AB7953) gives connectivity of CC-Link IE Field with PROFIBUS. It acts as slave on CC-Link IE Field network and as master on PROFIBUS network.

Features

- Gives connectivity between CC-Link IE Field and PROFIBUS.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as PROFIBUS master on PROFIBUS network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link IE Field | Gateway

Anybus X-gateway CC-Link IE Field - PROFIBUS (AB7959)

Anybus X-gateway (AB7959) gives connectivity of CC-Link IE Field with PROFIBUS. It acts as slave on CC-Link IE Field network and also as slave on PROFIBUS network.

Features

- Gives connectivity between CC-Link IE Field and PROFIBUS.
- Transmits I/O data between the two different industrial networks (max I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as PROFIBUS slave on PROFIBUS network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus X-gateway CC-Link IE Field - PROFINET IO (AB7954)

Anybus X-gateway (AB7954) gives connectivity of CC-Link IE Field with PROFINET. It acts as slave on CC-Link IE Field network and as slave on PROFINET network.

Features

- Gives connectivity between CC-Link IE Field and PROFINET.
- Transmits I/O data between the two different industrial networks (max. I/O 832 point, 204 words IN/OUT).
- It acts as CC-Link IE Field slave on CC-Link IE Field and as PROFINET slave on PROFINET network.
- Robust stand-alone housing with CE and UL certifications, DIN rail mount.
- No programming skills needed for configuration.

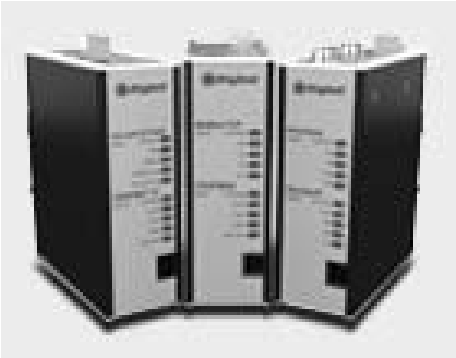
Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	44 x 127 x 114 [mm]
Mass	0.4 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : 045-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

Anybus X-gateway CC-Link IE Field

Networking Gateway



Features

- The Anybus X-gateway copies I/O-data in both directions thus enabling data exchange between the two networks. Default I/O configuration is 20 bytes Input and 20 bytes Output. Changing default settings is very easy using the windows based configuration software Anybus Configuration Manager X-gateway from HMS (free of charge).The CC-Link IE Field interface supports a fixed baud rate of 1 Gbit/s. It acts as a CC-Link IE Field Network intelligent device station and supports up to 512 bytes of I/O data, distributed between bit and word data as desired. The station number configuration is set via switches.

Station type	Intelligent Device Station
Number of stations occupied	
CC-Link version	-
External dimensions	WHD: 44•127•114mm
Mass	400g
Standard Price	Contact for more information

Contact

대리점㈜만희기전
경기도 과천시 궁말로 20번지
TEL : 02-2194-3300
<URL> http://www.anybus.com/

MR-J3-T10 CC-Link IE field network interface module

Control drive with the CC-Link IE field network!

Features

●Easily connect to the CC-Link IE field network by adding "MR-J3-T10" to the MR-J3-T type servo amplifier!

●Use the CC-Link IE field network, which boasts a 1 Gbps communication speed, to greatly shorten tact times!

●With this universal Ethernet base network, standard connectors and cables can be purchased overseas!

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	28×161×103 [mm]
Mass	0.15 [kg]
Standard Price	72,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI Inverter FR-A700 Series(FR-A7NCE)

Advanced functionality and high-performance inverter
(For CC-Link IE Field Network, the option FR-A7NCE is required.)

Features

●Performance Enhancement
・High accuracy/fast response speed operation by the vector control can be performed with a general-purpose motor without encoder. Also permits torque limits during torque control and speed control.
・Vector control operation can be performed using a motor with encoder. Torque control/position control as well as zero speed control, servo lock can be realized with the inverter.

●Improved Reliability & Maintainability
・Lengthens the life of cooling fans and capacitors.
・A self-diagnosis function outputs parts life alarm and monitors degrees of deterioration, permitting corrective measures to be taken before problems occur.
・A removable terminal block and cooling fan cassette simplify replacement procedures.

●Environment Friendly
・A newly developed, built-in noise filter (EMC filter) reduces noise emissions from the inverter.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.MitsubishiElectric.co.jp/fa/

MITSUBISHI Inverter FR-A800 Series(FR-A8NCE)

High performance and high quality new inverter of the highest leve
(For CC-Link IE Field Network, the option FR-A8NCE is required.)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Features

●LEADING DRIVE PERFORMANCE
・The enhanced Real sensorless vector control and vector control achieves improved speed response and high-speed operation.
・PM sensorless vector control enables highly accurate driving of a PM motor without an encoder.

●SECURITY & SAFETY
・Controls with safety functions can be easily performed.(Safty stop function)
・Equipped with a 24VDC control power supply input. The 24 VDC power supplied from outside enables continuous communication or parameter setting without turning ON the main power.

●EASY SETUP & EASY TO USE
・A USB host connector (A type) is available. Parameters can be copied to commercial USB memory devices.

●ECO-FRIENDLY FACTORIES
・Optimum excitation control continuously adjusts the excitation current to an optimum level to provide the highest motor efficiency leading to substantial energy savings.

●SYSTEM SUPPORT
・Since multiple ratings are supported, the optimal inverter can be selected according to the application.

●ENVIRONMENTAL ADAPTABILITY
・The newly developed drive technology and the power supply technology minimize the EMI emitted from inverters.

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.MitsubishiElectric.co.jp/fa/

MITSUBISHI Inverter FR-F700P Seriese(FR-A7NCE)

Energy-saving premium inverter for fans and pumps
(For CC-Link IE Field Network, the option FR-A7NCE is required.)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください

Features

●Great CO2 emission reduction with energy-saving drive
・Optimum excitation control continuously adjusts the excitation current to an optimum level to provide the highest motor efficiency leading to substantial energy savings.
・This series can drive both a general-purpose motor and an IPM motor. Switching between the two motor controls is simple—just a single parameter setting.
(Initially, a general purpose motor could be used, then upgraded to an IPM motor without switching this inverter, leading to lower cost of equipment.)

●Easy-to-use
・The following functions provide the ideal operation for fans and pumps: variable torque acceleration/deceleration patterns, PID control, commercial power supply switching, adjustable 5 points V/F, continuous operation at an instantaneous power failure, regeneration avoidance function, etc.

●Environmentally friendly
・The newly developed built-in EMC filter reduces electromagnetic noise generated from the inverter.

●Improved reliability and easy maintenance
・The lives of the cooling fan and capacitor have been extended.
・Using the self-diagnosis function, the part life warning can be output and the degree of deterioration can be monitored to prevent malfunction.
・The removable control terminal block and the cooling fan cassette make it easy to replace.

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.MitsubishiElectric.co.jp/fa/

CC-Link IE Field Network Compatible Servo Amplifier MR-J4-GF

Features

- MR-J4-GF is compatible with CC-Link IE Field Network as standard.
- Combined with a master module, the servo amplifier can perform positioning operations just as easy as I/O operations, by using the point table method.
- Combined with the Simple Motion module, the servo amplifier can perform advanced synchronous control and interpolation control.

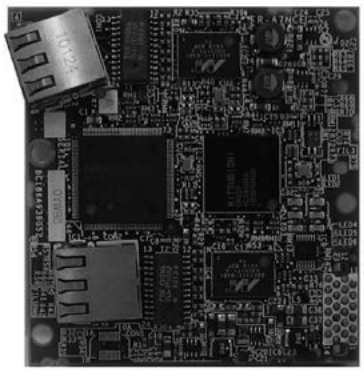
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

CC-Link IE field network compatible built-in option FR-A7NCE for general-purpose inverter FREQROL-A700 series

Easy connection with slot insertion!
Control inverters easily and seamlessly using super fast CC-Link IE field network!



Features

- CC-Link IE field network compatible built-in option. This option can be mounted in the general-purpose inverter FREQROL-A700 body.
- Super fast communication increases the speed of the inverter's various monitoring functions, and improves maintenance through simultaneous monitoring of multiple monitors and simultaneous read/write of multiple parameters.
- The seamless network environment allows easy monitoring and setting of inverters from a host information system.
  * Supported with FREQROL-A700 Series manufactured after April 2011.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

FREQROL-F700P

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MELSERVO-J4 Series CC-Link IE Field Network Servo Amplifier with Motion MR-J4-B-RJ010

MR-J4 series servo amplifier is compatible with the synchronous communication function, enabling advanced Motion control with the CC-Link IE Field Network,

Features

- A combination of MR-J4-B-RJ010 servo amplifier and MR-J3-T10 interface unit connects to CC-Link IE Field Network.
- Using a set of MR-J4-B-RJ010 and MR-J3-T10 with QD77GF16 Simple Motion module that is compatible with the synchronous communication function enables synchronous control and interpolation control with Motion control.
- Further evolved our original high-speed servo control architecture is applied to the dedicated execution engine. Speed frequency response of 2.5 kHz is achieved. Additionally, a high-resolution absolute position encoder of 4,194,304 pulses/rev further increases the processing speed, ensuring the maximum performance of high-end machines.
- Servo gain adjustment is complete just by turning on the one-touch tuning function. With this function, machine resonance filter, advanced vibration suppression control II, and robust filter are automatically adjusted to maximize the machine performance.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI Inverter FR-A700 Series (For CC-Link IE Field Network, the option FR-A7NCE is required.)

Advanced functionality and high-performance inverter

Features

●Performance Enhancement

・High accuracy/fast response speed operation by the vector control can be performed with a general-purpose motor without encoder. Also permits torque limits during torque control and speed control.

・Vector control operation can be performed using a motor with encoder. Torque control/position control as well as zero speed control, servo lock can be realized with the inverter.

●Improved Reliability & Maintainability

・Lengthens the life of cooling fans and capacitors.

・A self-diagnosis function outputs parts life alarm and monitors degrees of deterioration, permitting corrective measures to be taken before problems occur.

・A removable terminal block and cooling fan cassette simplify replacement procedures.

●Environment Friendly

・A newly developed, built-in noise filter (EMC filter) reduces noise emissions from the inverter.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

SV-iS7 Series

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	100 x 78 x 34
Mass	80g
Standard Price	

Contact

제조사 LS산전(주)
경기도 안양시 동안구 엘에스로 127번지 LS타워
TEL : 02-2034-4611

Hi5a Robot Controller

Robot controller

Features

- Robot tasks are programmed in easy language similar to BASIC
- Advanced control technologies are applied, such as path-invariant motion planning, dynamic model based control and vibration suppression control
- Provides reliable maintenance methods for maximizing availability by on-line manual and remote monitoring system
- Reduces installation time and increases productivity with powerful S/W tools on PC like HRSpace, HRLadder, etc
- Complies with ISO 10218-1:2011, ANSI/RIA15.6:2012 safety standards

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	W700 X H900 X D630
Mass	Hi5a-S00 : 131[kg], Hi5a-S30 : 120[kg]
Standard Price	

Contact

HYUNDAI HEAVY INDUSTRIES CO.,LTD.
TEL : +82-31-289-5307
제조사현대중공업㈜
울산광역시 동구 방어진순환도로 1000
TEL : 052-203-6114
<URL> www.hhi.co.kr/

Robot Controller YRC1000

Pursue the far the most basic performance and design.

Features

- Smallest in its class
- Universal size and does not require transformer (trans-less)
- Path Accuracy Improvement and speedup of the robot movement
- Intuitive operation by touching and lightest Programming Pendant
- IP54
- Earned good design award in 2016

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	For Asia/North America/ Europe:70[kg]
Standard Price	

Contact

<URL> http://www.e-mechatronics.com/contact/index.html
<URL> http://www.yaskawa.co.jp/

FANUC Robot Series R-30iB/R30iB Mate A05B-26XX-BYYY

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

CC-Link IE Field Network compatible ECLEF-V680D2 RFID Interface Unit

As the RFID interface module for the CC-LinkIE Field intelligent device station, ECLED-V680D2 is available.

Features

- As the RFID interface module for the CC-Link IE Field intelligent device station, ECLEF-V680D2 is available.
  Ther distance from the CC-Link IE Field master station to the RFID interface module can be extended up to 12,000m.
- Ther 2-channel module, ECLEF-V680D2, is connectable to two antennas with separate amplifier or one antenna with a built-in amplifier.
- The FB(Function Block) library which attracted the sequence programs such as the reading or writing of the ID tag of parameter setting and data, is offered, and can develop a control program easily by using these FB libraries.

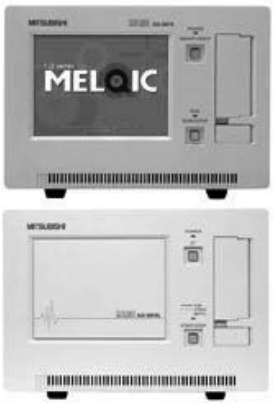
Station type	Intelligent Device Station
Number of stations occupied	-
CC-Link version	-
External dimensions	180 x 55 x 70 [mm] (except the connection antenna cable)
Mass	0.3Kg
Standard Price	

Contact

Mitsubishi Electric Engineering Company Ltd.
TEL : +81-568-36-2068 (Tech support)

MITSUBISHI DATA LOGGING ANALYZER MELQIC UIU2 Series IU2-3M10/IU2-3M10L

The MELQIC IU2 Series integrates data sampling/analysis/evaluation/saving into a single unit.
Realize product quality improvement with this all-in-one unit.



Features

- Built in functionality allows the MELQIC to Sample/Analyze/Evaluate/Save data by itself.
- Scalability through the use of Extension Boards(High-Speed Analog Input, Counter, Pulse Output, CAN Communication, etc)
- Various types of data sampling available by measurement instruments and sensors via GPIB, Ethernet, Analog Input, etc.
- Device Memory Read/Write of MELSEC-Q/L CPU is possible using available with MC Protocol through an Ethernet connection.
- FA specification hardware concept ensures long operation life.
- Adapt to diverse operation environments by connecting to external monitor, external strage, Mitsubishi HMIs, etc.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	270×198×242[mm] (IU2-3M10/IU2-3M10L)
Mass	5.3[kg](IU2-3M10)/ 5.0[kg](IU2-3M10L)
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

High-Speed Counter Module NZ2GFCF-D62PD2

高速カウンタユニットは、入力パルスの最高計数速度を8Mpps(差動入力、2 相4逓倍時)とした、CC-Link IE フィールドネットワークのリモートデバイス局です。

Features

- Available flexible system configuration
- Easy setting with CC IE Field configuration of GX Works2
- ファンクションブロック(FB)で簡単にプログラミングが可能
- Easy station number setting

Station type	
Number of stations occupied	
CC-Link version	-
External dimensions	50(H)×133(W)×68(D) [mm]
Mass	0.25kg
Standard Price	89,000円

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

特小無線ブリッジユニット

•CC-Link IEフィールドネットワークに、通信距離が長く、電波の回り込み特性に優れた特定小電力無線の無線子局を接続できます。

Features

●•無線子局を無線中継することにより、広範囲に設置された多数の無線子局と通信できます。

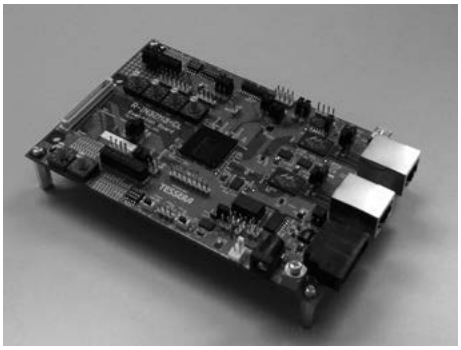
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

TS-R-IN32M3-CL-E

This kit is an evaluation platform for software and system development of Renesas Electronics' industrial Ethernet communication LSI (R-IN32M3-CL) supporting CC-Link IE Field.



Features

●- Supports multiple protocols, such as CC-Link IE Field
(protocols : CC-Link IE, EtherNet/IP, PROFINet, etc.)
- Evaluation of various interfaces is possible.
(Ethernet, CAN, I2C, UART(USB), etc.)

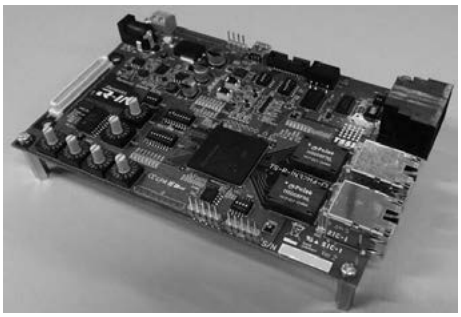
Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	W145mm × H35mm × D95mm
Mass	118g
Standard Price	75,000(税抜)

Contact

<URL> http://www.tessera.co.jp/eng/index.html
<URL> http://www.tessera.co.jp/eng/products/r-in32m3-cl-e.html

TS-R-IN32M4-CL2-E

This kit is an evaluation platform for software and system development of Renesas Electronics' industrial Ethernet communication LSI (R-IN32M4-CL2) supporting CC-Link IE Field.



Features

●- Supports multiple protocols, such as CC-Link IE Field
(protocols : CC-Link IE Field)
- Evaluation of various interfaces is possible.
(Ethernet, CAN, I2C, UART(USB), etc.)

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	W145mm × H35mm × D95mm
Mass	118g
Standard Price	71,500

Contact

TESSERA Technology INC.
<URL> http://www.tessera.co.jp/eng/index.html
<E-mail> support@tessera.co.jp

Data Acquisition System GM SMARTDAC+ Series GM10 Data Acquisition Module GM90MB Module Base GM90PS Power Supply Module

The Data Acquisition System GM is a data logger that excels in versatility and expandability. The main unit includes on-board memory for data acquisition and also supports SD cards for external storage. The system consists of a Data Acquisition Module (GM10), Power Supply Module (GM90PS), and Module Base (GM90MB), which is used to mount a variety of modules.

Record device datas in MELSEC with /E4:SLMP option and /MC:Comunication Channel option.

Features

●Decades of Yokogawa's innovative measuring technology has resulted in a flexible data logger that offers both reliability and ease of use.

1.Scalability
- -Up to 420 ch per system
- -Plug and lock modules

2.Ease of Use
- -Web-based configuration
- -Live Web-based data viewing

3.Mobile Connectivity
- -Bluetooth
- -Mobile Application

4.Open Network
- -Modbus, EtherNet/IP, SLMP and OPC-UA server

5.Reliability
- -Secure data storage
- -High accuracy measurement

6.Noise Tolerance
- -Electromagnetic relay module

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	GM10: 45.1(W)×111(H)×107.1(D) mm GM90MB MODULE BASE: 57.7(W)×135(H)×103.5(D) mm GM90PS POWER SUPPLY MODULE: 56.8(W)×135(H)×107.1(D) mm
Mass	GM10:Approx. 0.25 kg GM90MB:Approx. 0.15 kg GM90PS :Approx. 0.55kg
Standard Price	Contact us

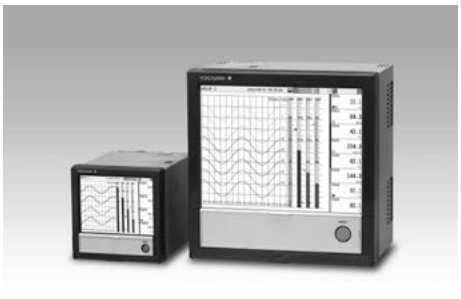
Contact

Yokogawa Chaina Co,. Ltd. NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<URL> http://www.yokogawa.com/index.htm?_ga=1.249326535.1320767998.1383194244
<URL> http://www.smartdacplus.com/en/
<URL> http://www.smartdacplus.com/en/gm/gm01.html

Paperless Recorder (Panel mount type) SMARTDAC+ Series GX10, GX20

The GX10/GX20 are paperless recorders that display real-time measured data on a touch screen and save data on an external storage medium (SD card).

Record device datas in MELSEC with /E4:SLMP option and /MC:Comunication Channel option.



Features

●1.Measurement
- -Inputs and outputs that support a wide range of DUTs
- -Modular construction for expandable input/output
- -Multichannel measurement on up to 450 channels
- -Pulse signal data acquisition, integral count

2.Recording
- -Supports multichannel recording over long durations
- -Redundancy through internal memory and external media
- -Saves binary data for enhanced security (also supports plain text)

3.Display & operation
- -Arrange screens any way you like with the Custom Display function (option)
- -Wide variety of powerful display functions
- -Touch screen for even greater ease of use
- -Monitor remotely and edit GX/GP settings from a web browser

4.Data use
- -Automatically create and print spreadsheets
- -Powerful software for a variety of tasks including data analysis, settings, and acquisition
- -Save to binary or text format
- -SLMP Communication (Mitsubishi PLC)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	GX10: 144(W) × 144(H) × 255(D) mm GX20: 288(W) × 288(H) × 220(D) mm
Mass	GX10: Approx. 2.1 kg, GX20: Approx. 6.0 kg
Standard Price	Contact us

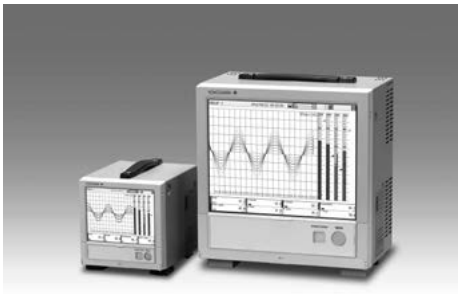
Contact

Yokogawa Chine Co,. Ltd. NetSOL Business Division
TEL : +86-23-67576883
FAX : +86-23-67576885
<URL> http://www.yokogawa.com/index.htm?_ga=1.5679347.1320767998.1383194244
<URL> http://www.smartdacplus.com/en/
<URL> http://www.smartdacplus.com/en/gx/gx01.html

Paperless Recorder (Portable type) SMARTDAC+ Series GP10, GP20

The GP10/GP20 are portable type paperless recorders that display real-time measured data on a touch screen and save data on an external storage medium (SD card).

Record device datas in MELSEC with /E4:SLMP option and /MC:Communication Channel Option.



Features

●1.Measurement
- -Inputs and outputs that support a wide range of DUTs
- -Modular construction for expandable input/output
- -Multichannel measurement on up to 450 channels
- -Pulse signal data acquisition, integral count

2.Recording
- -Supports multichannel recording over long durations
- -Redundancy through internal memory and external media
- -Saves binary data for enhanced security (also supports plain text)

3.Display & operation
- -Arrange screens any way you like with the Custom Display function (option)
- -Wide variety of powerful display functions
- -Touch screen for even greater ease of use
- -Monitor remotely and edit GX/GP settings from a web

4.Data use
- -Automatically create and print spreadsheets
- -Powerful software for a variety of tasks including data analysis, settings, and acquisition
- -Save to binary or text format
- -SLMP Communication (Mitsubishi PLC) browser

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	GP10 : 144(W)× 168(H)× 197(D) mm GP20 : 288(W)× 318(H)× 197(D) mm
Mass	GP10: Approx. 1.9 kg, GP20: Approx. 5.4 kg
Standard Price	Contact us

Contact

Yokogawa China Co,. Ltd. NetSOL Business Division
TEL : +86-23-67576883
FAX : +85-23-67576885
<URL> http://www.yokogawa.com/index.htm?_ga=1.5605235.1320767998.1383194244
<URL> http://www.smartdacplus.com/en/
<URL> http://www.smartdacplus.com/en/gp/gp01.html

Web Data Logger DL30

This product is presently available only in Japanese format.

Features

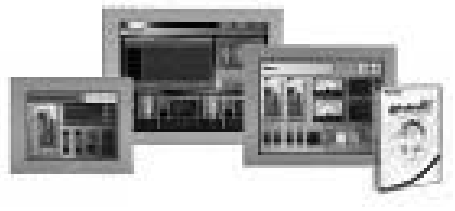
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인MG코리아㈜
서울특별시 강남구 선릉로 760 5층 C호
TEL : 02-548-8203
대리점㈜에프에이에스
서울특별시 경인로53길 15중앙유통단지 가동 1511호
TEL : 02-6679-5440
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

GP-Pro EX Mitsubishi Electric Corp. iQ-R/F Ethernet Driver

It supports SLMP communication.



Features

- Supports SLMP Client function
- Programmable display GP / SP series can communicate with SLMP server device
- It is also possible to access devices on CC-Link IE network via SLMP server equipment

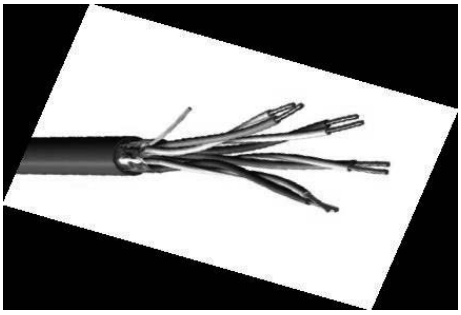
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Please check the following site.
<URL> http://www.proface.com/en/contact
<URL> http://www.proface.com/
<URL> http://www.proface.com/en/product/hmi/top

DataTuff Certified Cat5e Industrial Ethernet Cables for CC-Link IE Field Network (7921A)

The cables are designed for Mission Critical applications in harsh environments, utilizing Bonded-Pair technology for superior electrical performance. Shielding provides excellent immunity from electromagnetic interference (EMI) and radio frequency interference (RFI).



Features

●•24 AWG Bonded-Pairs Solid BC
•Overall Beldfoil® Shield + 70% TC Braid
•24 AWG Solid Spiral Drain Wire
•Non-Plenum
•Polyolefin Insulation
•0.030" Industrial Grade Sunlight- and Oil-resistant Black Red & Teal or Blue PVC Jacket
•Verified to TIA/EIA-568-B.2, Category 5e
•Cable passes -40° C Cold Bend per UL1581

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	0.340 Inches 8.64 mm
Mass	55lbs / 1000 ft 24.9kg / 304.8m
Standard Price	

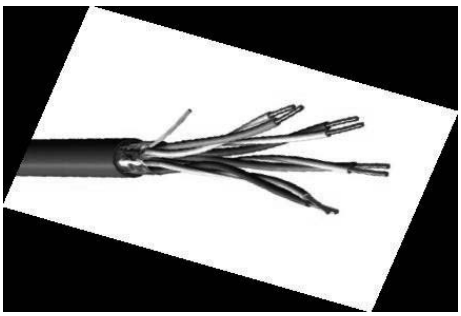
Contact

<URL> http://www.belden.com/
<URL> http://www.belden.com/products/browse/industrial/networkandprotocol/cclink/CC-Link.cfm

Belden Electronics Division | CC-Link IE Field | Cables・connectors

DataTuff Certified Cat5e Industrial Ethernet Cables for CC-Link IE Field Network (7929A)

The cables are designed for Mission Critical applications in harsh environments, utilizing Bonded-Pair technology for superior electrical performance. Shielding provides excellent immunity from electromagnetic interference (EMI) and radio frequency interference (RFI).



Features

●•24 AWG Bonded-Pairs Solid BC
•Overall Beldfoil® Shield
•24 AWG Stranded TC Drain Wire
•Non-Plenum
•Polyolefin Insulation
•0.030" Industrial Grade Sunlight- and Oil-resistant Black or Blue PVC Jacket
•Verified to TIA/EIA-568-B.2, Category 5e
•Cable passes -40° C Cold Bend per UL1581

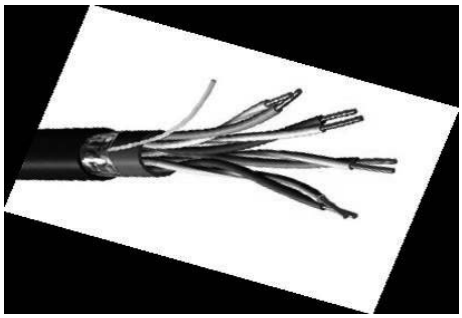
Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	0.340 Inches 8.64 mm
Mass	37lbs / 1000 ft. 16.8kg / 304.8m
Standard Price	

Contact

<URL> http://www.belden.com/
<URL> http://www.belden.com/products/browse/industrial/networkandprotocol/cclink/CC-Link.cfm

DataTuff Certified Cat5e Industrial Ethernet Cables for CC-Link IE Field Network (7939A)

The cables are designed for Mission Critical applications in harsh environments, utilizing Bonded-Pair technology for superior electrical performance. Shielding provides excellent immunity from electromagnetic interference (EMI) and radio frequency interference (RFI).



Features

●•24 AWG Bonded-Pairs Stranded BC (7x32)
•Overall Beldfoil® Shield
•Non-Plenum
•Polyolefin Insulation
•0.030" Industrial Grade Sunlight- and Oil-resistant Black or Teal PVC Jacket
•Cable passes -40° C Cold Bend per UL1581

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	0.340 Inches 8.64 mm
Mass	40lbs / 1000 ft. 18.18g / 304.8m
Standard Price	

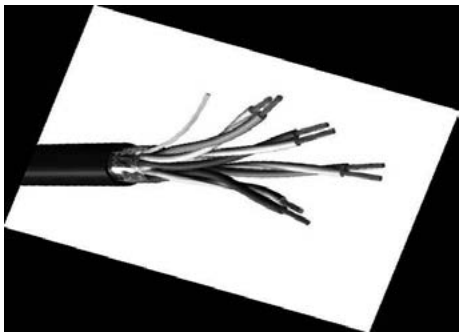
Contact

<URL> http://www.belden.com/
<URL> http://www.belden.com/products/browse/industrial/networkandprotocol/cclink/CC-Link.cfm

Belden Electronics Division | CC-Link IE Field | Cables・connectors

DataTuff Certified Cat6 Industrial Ethernet Cables for CC-Link IE Field Network (7953A)

The cables are designed for Mission Critical applications in harsh environments, utilizing Bonded-Pair technology for superior electrical performance. Shielding provides excellent immunity from electromagnetic interference (EMI) and radio frequency interference (RFI).



Features

●•23 AWG Solid BC
•Internal Tape Separator
•Overall Beldfoil® Shield
•Rip Cord
•Non-Plenum
•Polyolefin Insulation
•FRPO Inner Jacket
•0.030" Industrial Grade Sunlight
•Oil-resistant Black PVC Outer Jacket
•Verified to TIA/EIA-568-B.2-1, Category 6
•Cable passes -40° C Cold Bend per UL1581

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	0.340 Inches 8.64 mm
Mass	32lbs / 1000 ft. 14.5kg / 304.8m
Standard Price	

Contact

<URL> http://www.belden.com/
<URL> http://www.belden.com/products/browse/industrial/networkandprotocol/cclink/CC-Link.cfm

Ethernet cable for CC-Link IE Field

24AWG standard cable

Features

- ・Use: Fixed part wiring
  ・Model number: OKTP-E5-AWG24X4P-SASB
  ・Color: Greenish yellow(Please contact us for other colors)
  ・Noise-related resistant:high noise characteristics-resistant by double shielding (aluminum tape + braided shield)
  ・Corresponding standard: CC-Link IE Field network, ANSI/TIA-568-C.2 Enhanced Category5(compliant),UL(AWM20276)
  ・Environment resistant: resistant to RoHS order, oil, and heat (80℃)
  ・Maximum available length: 90m (Chanel 100m)
  ・Sales form: by 200m unit (Please contact us for both end RJ45 plug)

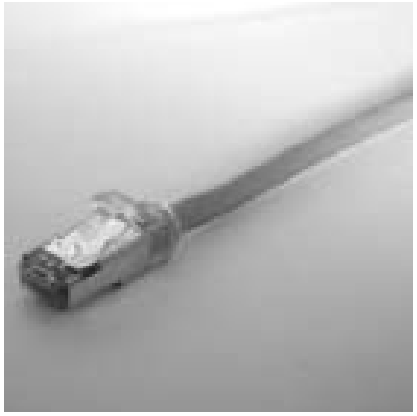
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	6.8mm
Mass	55kg/km
Standard Price	Please contact us

Contact

Okano Electric Wire Co.,Ltd.
TEL : +81-46-261-3122
<URL> http://www.okano-cable.co.jp/
<E-mail> info-e@okano-cable.co.jp

Ethernet cable for CC-Link IE Field (movable shilded thin cable)

26AWG movable shilded thin cable



Features

- ・Use: Moving part wiring
  ・Model number: SR-OKTP-E5-P-AWG26X4P-SASB
  ・Color: Ash
  ・Characteristic:The high flexibility taking more than a million times of torsion time examinations and more than 40 million times of U character examinations.
  ・Noise-related resistant:high noise characteristics-resistant by double shielding (aluminum tape + braided shield)
  ・Corresponding standard: CC-Link IE Field network, ANSI/TIA-568-C.2 Enhanced Category5(compliant)
  ・Environment resistant: resistant to RoHS order, oil, and heat
  ・Maximum available length: 50m
  ・Sales form: from one cable to requested length. includes RJ45 plug on both end.(Please contact us if you require cable selling)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	6.3mm
Mass	50kg/km
Standard Price	Please contact us

Contact

Okano Electric Wire Co.,Ltd.
TEL : +81-46-261-3122
<URL> http://www.okano-cable.co.jp/
<E-mail> info-e@okano-cable.co.jp

Ethernet cable for CC-Link IE Field (movable shilded ultra-thin cable)

・It is a 30AWG extrafine diameter stranded conductor/highly flexed cable (Robot cable type)
・Able to bend it small since it is very thin and flexible.
・Easy wiring to narrow space and in electronics.

Features

●・Use: Moving part wiring
・Model number: SS-SR-OKTP-E5-P-AWG30X4P-SASB
・Color: Ash
・Flexibility-resistant: The high flexibility taking more than 10 million times of torsion time examinations, more than 40 million times of U character examinations, and more than 10 million times of right and left flexural examinations-resistant
・Noise-related resistant: High noise characteristics-resistant by double shielding (aluminum tape + side winding shield)
・Corresponding standard: CC-Link IE field network, ANSI/TIA-568-C.2 Enhanced Category5 (conformity)
・Environment resistant: resistant to RoHS order, oil, and heat
・Maximum available length: 20m
・Sales form: from one cable to requested length. includes RJ45 plug on both end.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	4.0mm
Mass	25kg/km
Standard Price	Please contact us

Contact

Okano Electric Wire Co.,Ltd.
TEL : +81-46-261-3122
<URL> http://www.okano-cable.co.jp/
<E-mail> info-e@okano-cable.co.jp

Industrial Ethernet Brad® RJ-Lnxx® ENS3115M***

CC-Link IE Field Cat5e cables with RJ-45 plug, combined with industrially proven form factor provides a secure robust connection that protects against the effects of vibration and accidental disconnection. Achieves IEC IP67 rated seal when mated with an RJ-Lnxx® receptacle – Plastic threaded version.

Features

●•ENS – Shielded Solid Core
•Factory over-molded solution
•Prevent water ingress due to inappropriate assembly in environmental critical situations
•Impossible to disassemble/disconnect in field
•High pull force for field reliability in harsh environments
•Withstands vibration
•100% Factory tested product assembled and tested for field applications

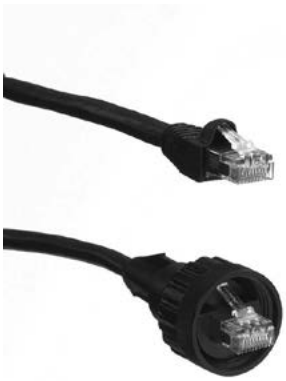
Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	0.245" (6.223mm) nominal
Mass	
Standard Price	

Contact

현지법인한국몰렉스㈜
경기도 안산시 단원구 산단로 169 GLOBAL MICRO PRODUCTS DIVISION
TEL : 031-490-5926
<URL> http://www.molex.com
<URL> http://www.molex.com/molex/products/datasheet.jsp?part=active/1300500412_CORDSETS.xml
<E-mail> Melissa.Kladder@molex.com

Industrial Ethernet Brad® RJ-Lnxx® RJ-45 – ENP3115M***

CC-Link IE Field Cat5e cables with RJ-45 plug, combined with industrially proven form factor provides a secure robust connection that protects against the effects of vibration and accidental disconnection Achieves IEC IP67 rates seal when mated with an RJ-Lnxx® receptacle – Plastic threaded version.



Features

●•ENP – Shielded Standard Proplex™
- •Kevlar* Wrapped Cable for physically demanding applications
- •Factory over-molded solution
- •Prevent water ingress due to inappropriate assembly in environmental critical situations
- •Impossible to disassemble/disconnect in field
- •High pull force for field reliability in harsh environments
- •Withstands vibration
- •100% Factory tested product assembled and tested for field applications

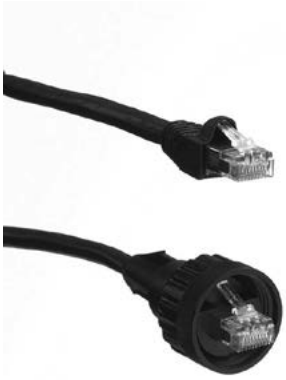
Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	0.035" (0.90mm) nominal
Mass	-
Standard Price	

Contact

현지법인한국몰렉스㈜
경기도 안산시 단원구 산단로 169 GLOBAL MICRO PRODUCTS DIVISION
TEL : 031-490-5926
<URL> http://www.molex.com/
<URL> http://www.molex.com/molex/products/datasheet.jsp?part=active/1300500170_CORDSETS.xml
<E-mail> Melissa.Kladder@molex.com

Industrial Ethernet Brad® RJ-Lnxx® ENV3115M***

CC-Link IE Field Cat5e cables with RJ-45 plug, combined with industrially proven form factor provides a secure robust connection that protects against the effects of vibration and accidental disconnection. Achieves IEC IP67 rated seal when mated with an RJ-Lnxx® receptacle – Plastic threaded version.



Features

●•ENV – Shielded Solid Core
- •Shielded UV stable Polyurethane
- •Factory over-molded solution
- •Prevent water ingress due to inappropriate assembly in environmental critical situations
- •Impossible to disassemble/disconnect in field
- •High pull force for field reliability in harsh environments
- •Withstands vibration
- •100% Factory tested product assembled and tested for field applications

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	0.244" (6.20 mm) nominal
Mass	
Standard Price	

Contact

현지법인한국몰렉스㈜
경기도 안산시 단원구 산단로 169 GLOBAL MICRO PRODUCTS DIVISION
TEL : 031-490-5926
<URL> http://www.molex.com
<URL> http://www.molex.com/molex/products/datasheet.jsp?part=active/1300508088_MOLEX_PARTS.xml
<E-mail> Melissa.Kladder@molex.com

field assembly angled RJ45 plug MFP8 Cat.6A

The RJ45 shield plug, which is capable to set an angle in every 90 degrees, can be processed at field line.

Features

●The RJ45 shield plug which an angle can be selected in every 90 degrees by tool-free.
Product is prepared by connection method and the diameter of the cable.
Available up to cable outside diameter of 10mm.
Withstand voltage:1,000V (between contact), 1,500V (between contact - shield)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	49mm x 38mm
Mass	
Standard Price	

Contact

Japan Telegaertner.Ltd
TEL : +81-3-6455-3210
<URL> http://www.telegaertner.co.jp/product/industrialethernet/rf45shieldplugangle/mfp8angle.html
<E-mail> sales@telegaertner.co.jp

Japan Telegartner Ltd. | CC-Link IE Field | Cables・connectors

field assembly RJ45 plug MFP8 Cat.6A

The RJ45 shield plug which I can be processed at field site.

Features

●Product will be prepared by connection method and the diameter of the cable.
Available up to cable outside diameter of 9mm.
Withstand voltage: 1,000V (between contact), 1,500V (between contact - shield)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	51.2mm x 16.2mm
Mass	
Standard Price	

Contact

Japan Telegaertner.Ltd
TEL : +81-3-6455-3210
<URL> http://www.telegaertner.com/en/
<E-mail> sales@telegaertner.co.jp

STX M12 X-coded Cable plug Cat.6A

M12 X-coded cable attachment plug

Features

●The cable plug which are able to process at field site.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Japan Telegaertner.Ltd
TEL : +81-3-6455-3210
<URL> http://www.telegaertner.co.jp/product/industrialethernet/m12/m12connector.html
<E-mail> sales@telegaertner.co.jp

RJ45 Sielded Plug

for Solid and Stranded TP cable.

Features

●Cable type: solid & stranded
cable diameter: 5.5-7.3mm
10 Gigabit etnernet acc. to IEEE 802.3an
UL: E244889

●boots: diameter 6.3, 7.0 and 7.3mm
boot colours: 6～7 colours
one step assemble

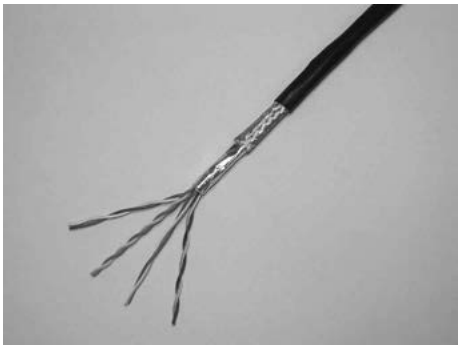
Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	
Mass	2.79
Standard Price	

Contact

Japan Telegaertner Ltd.
TEL : +81-3-6455-3210
<URL> http://www.telegaertner.com/en/karl-gaertner/
<URL> http://www.telegaertner.com/en/karl-gaertner/onlinekatalog/index.php?IdTreeGroup=13278&IdProduct=9881
<E-mail> sales@telegaertner.co.jp

HFS-TPCC 5 0.5mm×4P

CC-Link IEフィールドネットワークに対応した高遮へい付きLANケーブル(固定配線用)



Features

●二重シールド付き高遮へいケーブル(AL/PET+編組)
●広帯域にわたって優れた遮へい特性
●プラグ加工も対応可能
●耐油PVC採用
●使用ケーブル最大長：パーマネントリンク90m、チャネル100m(20℃時)

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	6.5mm
Mass	55kg/km
Standard Price	お問い合わせ下さい

Contact

<URL> http://www.tokyo-fuji.co.jp/
<URL> http://www.tokyo-fuji.co.jp/products/lan/cat5e/hfs-tpcc5.htm

HFS-TPCC 5 PATCH-FA 26AWG×4P

CC-Link IEフィールドネットワークに対応した高遮へい付きLANケーブル(耐屈曲)

Features

●撚線導体を採用した耐屈曲ケーブル
●二重シールド付き高遮へいケーブル(AL/PET+編組)
●プラグ加工も対応可能
●耐油PVC採用
●使用ケーブル最大長：パーマネントリンク60m、チャネル67m(20℃時)

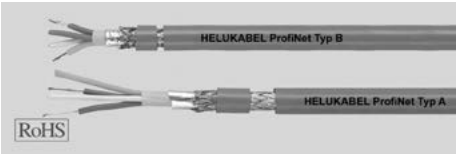
Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	6.2mm
Mass	48kg/km
Standard Price	お問い合わせ下さい

Contact

<URL> http://www.tokyo-fuji.co.jp/
<URL> http://www.tokyo-fuji.co.jp/products/lan/cat5e/hfs-tpcc5-patch-fa.htm

HELUKABEL 801197 Cat7e S/FTP 4x2xAWG23/1 PUR

Category 7e cable



Features

●HELUKABEL 801197 Cat7e S/FTP 4x2xAWG23/1 PUR robust cable halogen free oil resistant for fix installation and frequency up to 1000 MHz

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	7,8 mm
Mass	68 kg/km
Standard Price	

Contact

현지법인　헬루케이블코리아(주)
경기도 안양시 동안구 시민대로 277 세방글로벌시티 1904호
TEL : 031-385-2667 ~ 8
<URL> http://www.helukabel.de/

HELUKABEL 803693 Cat6A S/FTP 4x2xAWG22/1 PVC

Category 6A cable

Features

●HELUKABEL 803693 Cat6A S/FTP 4x2xAWG22/1 PVC for fix installation and frequency range up to 500 MHz

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	9,6mm
Mass	115 kg/km
Standard Price	

Contact

현지법인　헬루케이블코리아(주)
경기도 안양시 동안구 시민대로 277 세방글로벌시티 1904호
TEL : 031-385-2667 ~ 8
<URL> http://www.helukabel.de/

HELUKABEL 805614 Cat7 SF/FTP 4x2xAWG24/7 PUR

Category 7 cable

Features

●HELUKABEL 805614 Cat7 SF/FTP 4x2xAWG24/7 PUR for permanent moving / drag chain and frequency up to 600 MHz.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	8,9mm
Mass	90 kg/km
Standard Price	

Contact

현지법인　헬루케이블코리아㈜
경기도 안양시 동안구 시민대로 277 세방글로벌시티 1904호
TEL : 031-385-2667 ～ 8
<URL> http://www.helukabel.de/
<URL> http://www.helukabel.de/en/en/products/produkte_detail.html?j_language=en&productKey=DNT_81610

HELUKABEL 80810 Cat7e S/FTP 4x2xAWG23/1 FRNC

Category 7e cable

Features

●HELUKABEL 80810 Cat7e S/FTP 4x2xAWG23/1 FRNC halogen free and flame retardent acc. IEC 60332-3 for fix installation and frequency up to 1000 MHz

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	7,5 mm
Mass	60 kg/km
Standard Price	

Contact

현지법인　헬루케이블코리아㈜
경기도 안양시 동안구 시민대로 277 세방글로벌시티 1904호
TEL : 031-385-2667 ～ 8
<URL> http://www.helukabel.de
<URL> http://www.helukabel.de/en/en/products/produkte_detail.html?j_language=en&productKey=DNT_80810

HELUKABEL 81610 Cat 5e SF/UTP 4x2xAWG24/1 PVC

Category 5e cable

Features

●HELUKABEL 81610 Cat 5e SF/UTP 4x2xAWG24/1 PVC for fix installation and frequency up to 200 MHz

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	6,0 mm
Mass	50 kg/km
Standard Price	

Contact

현지법인　헬루케이블코리아(주)
경기도 안양시 동안구 시민대로 277 세방글로벌시티 1904호
TEL : 031-385-2667 ～ 8
<URL> http://www.helukabel.de/
<URL> http://www.helukabel.de/en/en/products/produkte_detail.html?j_language=en&productKey=DNT_81610

CC-Link IE Field Network compatible cable SC-E5EW

Double-shieled cable with high resistance to external noise, and compatible with 1000BASE-T standard.

Features

●This ethernet cable is compliant with IEEE 802.3 1000BASE-T Standard.
※The longest size of the indoor movable cable is 45m

●High shielding characteristic due to double-shield structure of Aluminum tape and braiding.
Could be used for the EMI measure and measure against external noise from adjoining cable at the time of multi-cable laying.

●We produce various cables.
-Indoor : SC-E5EW-S□M
-Indoor movable : SC-E5EW-S□M-MV
-Outdoor : SC-E5EW-S□M-L　　(□:Cable length [m])
Indoor movable cable can be used for a repetitive movable place, such as a hoist crane or an inside of cable chains.
Outdoor cable can be used for outside laying and place where there is a risk of flood.

●We produce cable of 0.5m, every 1m from 1m to 100m so that customer can select cables suitable for their equipment.
(Indoor movable cable : from 1m to 45m)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Indoor: 6.8, Indoor movable: 6.5, Outdoor: 10 [mm]
Mass	Indoor: 60, Indoor movable: 55, Outdoor: 90 [kg/km]
Standard Price	お問い合せ下さい

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/business/cc-linkie/sce5ew/sce5ew_index.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

"RM-CAT5e(20276) AWG26/4P","CM-IE AWG26/4P"Cable for Movable Portions - Compatible with CC-Link IE Field .

This cable can be used for high-speed transmission on the CC-Link IE Field and ensures a high-performance FA network.(max.use length : 45m)

Features

- Long-serving shielding is used.
- An outer sheath with outstanding oil resistance and non-flammability is used.
- Double shielding (shield tape,braid shield) provides the cable a high level of noise resistance.
- The cable is UL-certified (AWM Style 20276).

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	approx. 6.8 mm
Mass	approx. 50 kg/km
Standard Price	

Contact

DYDEN CORPORATION
Factory Automation&Robot Cable Division
Kurume Sales Office TEL : +81-942-51-2121
Tokyo Sales Office TEL : +81-3-5805-5885
Nagoya Sales Office TEL : +81-52-253-9202
Osaka Sales Office TEL : +81-6-6229-1983

DAIDEN CO., LTD. | CC-Link IE Field | Cables・connectors

CM-IE Cable for Movable Portions - Compatible with CC-Link IE Field .

This cable can be used for high-speed transmission on the CC-Link IE Field and ensures a high-performance FA network.(max.use length : 45m)

Features

- Long-serving shielding is used.
- An outer sheath with outstanding oil resistance and non-flammability is used.
- Double shielding (shield tape,braid shield) provides the cable a high level of noise resistance.
- The cable is UL-certified (AWM Style 20276).

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	approx. 6.8 mm
Mass	approx. 50 kg/km
Standard Price	

Contact

DYDEN CORPORATION
Factory Automation&Robot Cable Division
Kurume Sales Office TEL : +81-942-51-2121
Tokyo Sales Office TEL : +81-3-5805-5885
Nagoya Sales Office TEL : +81-52-968-1710
Osaka Sales Office TEL : +81-6-6229-1983

CS-IE Cable for Fixed Wiring - Compatible with CC-Link IE Field (patch type).

This cable can be used for high-speed transmission on the CC-Link IE Field and ensures a high-performance FA network.(max.use length : 75m)

Features

- The flexibility of the cable is superior by using a stranded conductor.
- Double shielding (shield tape,braid shield) provides the cable a high level of noise resistance.
- An outer sheath with outstanding oil resistance and non-flammability is used.
- The cable is UL-certified (AWM Style 20276).

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	approx. 6.6 mm
Mass	approx. 55 kg/km
Standard Price	

Contact

DYDEN CORPORATION
Factory Automation&Robot Cable Division
Kurume Sales Office TEL : +81-942-51-2121
Tokyo Sales Office TEL : +81-3-5805-5885
Nagoya Sales Office TEL : +81-52-968-1710
Osaka Sales Office TEL : +81-6-6229-1983

CS-IE Cable for Fixed Wiring - Compatible with CC-Link IE Field (standard type).

This cable can be used for high-speed transmission on the CC-Link IE Field and ensures a high-performance FA network.

Features

- Double shielding (shield tape,braid shield) provides the cable a high level of noise resistance.
- An outer sheath with outstanding oil resistance and non-flammability is used.
- The cable is UL-certified (AWM Style 20276).
- Based on EIA ／ TIA-568-C.2(Cat.5e).

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	approx. 6.5 mm
Mass	approx. 55 kg/km
Standard Price	

Contact

DYDEN CORPORATION
Factory Automation&Robot Cable Division
Kurume Sales Office TEL : +81-942-51-2121
Tokyo Sales Office TEL : +81-3-5805-5885
Nagoya Sales Office TEL : +81-52-968-1710
Osaka Sales Office TEL : +81-6-6229-1983

Four Pair Cable with Bulk Double Shielded, Compatible with Cat. 5E, NETSTAR-C5E HQ-SAB 4P

A cable structure that takes account of increase in ambient temperature.
Furthermore, as it is a double shielded cable with flame-resistant, oil-resistant sheath, it can be used for network construction under harsh environment, such as inside a factory.

Features

- Four pair cable compatible with TIA-568-C.2 Cat. 5E.
- Permanent link with maximum length of 90 m can be used in an environment of ambient temperature of 60 ° C.
- Double shielded structure with aluminum foil tape and braid.
- Sheath is a flame-resistant, oil-resistant type.
- Please contact us when using a modular plug.

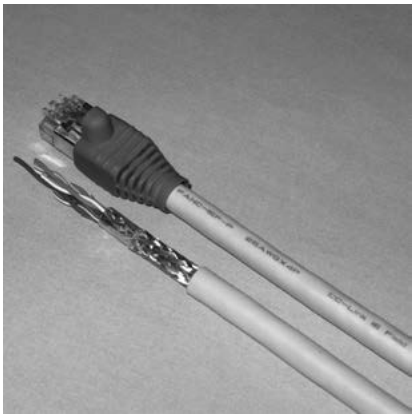
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link Partner Association
6F Ozone-front Building, 3-15-58,
Ozone, Kita-ku, Nagoya 462-0825, Japan
TEL : 052-919-1588 FAX : 052-916-8655
<E-mail> info@cc-link.org

FANC-IEF-P 25AWG×4P (Fixed Type)

25AWG stranded conductor type, being characterized by its flexibility.



Features

- Double shield (AL-PET tape + braid), noise resistance.
- Oil resistance, heat resistance (75℃), flame resistance (vertical tray flame test), be compliant with CM of UL444.
- FANC-IEF-P is a cable meeting the ANSI/TIA/EIA-568-B.2 Category 5e requirements.
- CC-Link IE Field Network recommended network wiring approved parts.
- The FANC-IEF Series are twisted pair cables for CC-Link IE Field Network compliance.
  The FANC-IEF Series are designed for use in industrial Ethernet connection and PLC-to-PLC, PLC-to-host computer and other Ethernet connection.
  The FANC-IEF Series are designed using oil resistant PVC sheath, allowing them to be used for cable wiring in oil environment.

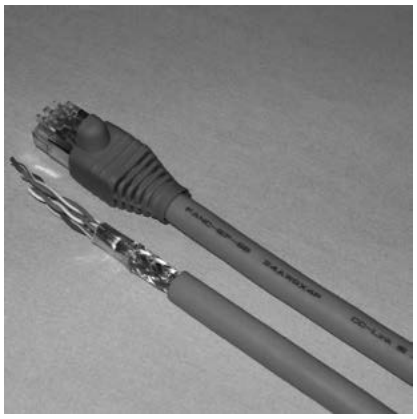
Station type	—
Number of stations occupied	—
CC-Link version	—
External dimensions	ケーブル外径 約6.7mm
Mass	約55kg/km
Standard Price	お問合せください

Contact

SENSHU ELECTRIC CO,LTD
TEL : +86-21-62780502
<URL> http://www.kuramo.co.jp
<URL> http://www.kuramo.co.jp/catalog/fa/fanc_ief.pdf
<E-mail> eigyo@kuramo.co.jp

FANC-IEF-SB 24AWG×4P (Fixed Type)

Standard type using solid conductor of 24AWG.



Features

- Double shield (AL-PET tape + braid), noise resistance.
- Oil resistance, heat resistance (75℃), flame resistance (vertical tray flame test), be compliant with CM of UL444.
- FANC-IEF-SB is a cable meeting the ANSI/TIA/EIA-568-B.2 Category 5e requirements.
- CC-Link IE Field Network recommended network wiring approved parts.
- The FANC-IEF Series are twisted pair cables for CC-Link IE Field Network compliance.
  The FANC-IEF Series are designed for use in industrial Ethernet connection and PLC-to-PLC, PLC-to-host computer and other Ethernet connection.
  The FANC-IEF Series are designed using oil resistant PVC sheath, allowing them to be used for cable wiring in oil environment.

Station type	—
Number of stations occupied	—
CC-Link version	—
External dimensions	ケーブル外径 約6.7mm
Mass	約60kg/km
Standard Price	お問合せください

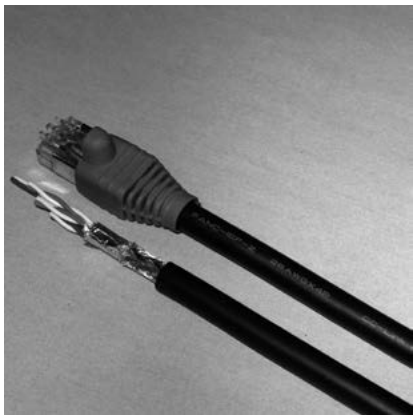
Contact

SENSHU ELECTRIC CO,LTD
TEL : +86-21-62780502
<URL> http://www.kuramo.co.jp
<URL> http://www.kuramo.co.jp/catalog/fa/fanc_ief.pdf
<E-mail> eigyo@kuramo.co.jp

KURAMO ELECTRIC CO., LTD. | CC-Link IE Field | Cables・connectors

FANC-IEF-Z 26AWG×4P (Movabie Type)

26AWG fine stranded conductor type, being characterized by its bending resistance.



Features

- Double shield (AL-PET tape + braid), noise resistance.
- FANC-IEF-Z is a cable meeting the ANSI/TIA/EIA-568-B.2 Category 5e requirements.
- CC-Link IE Field Network recommended network wiring approved parts.
- The FANC-IEF Series are twisted pair cables for CC-Link IE Field Network compliance.
  The FANC-IEF Series are designed for use in industrial Ethernet connection and PLC-to-PLC, PLC-to-host computer and other Ethernet connection.
  The FANC-IEF Series are designed using oil resistant PVC sheath, allowing them to be used for cable wiring in oil environment.

Station type	—
Number of stations occupied	—
CC-Link version	—
External dimensions	ケーブル外径 約6.5mm
Mass	約50kg/km
Standard Price	お問合せください

Contact

SENSHU ELECTRIC CO,LTD
TEL : +86-21-62780502
<URL> http://www.kuramo.co.jp
<URL> http://www.kuramo.co.jp/catalog/fa/fanc_ief.pdf
<E-mail> eigyo@kuramo.co.jp

IE-BI-RJ45-C 1962840000

RJ45 insert, Bulkhead inserts coupler

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=5483746745FB17F15D1215804D46AA1B?productId=(%5b1962840000%5d)&groupId=(%22group3488625416060%22)&page=Product

Weidmueller Interface GmbH & Co. KG | CC-Link IE Field | Cables · connectors

IE-BI-RJ45-FJ-A 1962850000

RJ45 insert, Bulkhead inserts AWG 22, EIA / TIA 586 A, TIA-568A

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=5483746745FB17F15D1215804D46AA1B?productId=(%5b1962850000%5d)&groupId=(%22group3488625416060%22)&page=Product

IE-PI-RJ45-FH-A 1132010000

RJ45 insert, Plug insert RJ45, no tools required, TIA-568A

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=5483746745FB17F15D1215804D46AA1B?productId=(%5b1132010000%5d)&page=Product

Weidmueller Interface GmbH & Co. KG | CC-Link IE Field | Cables · connectors

IE-PI-RJ45-TH 1962720000

RJ45 insert, Plug insert RJ45, crimp

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=5483746745FB17F15D1215804D46AA1B?productId=(%5b1962720000%5d)&page=Product

IE-PS-RJ45-FH-BK-A 1132040000

RJ45 plug, no tools required, Cat.6A / Class EA (ISO/IEC 11801 2010), 8-core, EIA/TIA T568 A

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=5483746745FB17F15D1215804D46AA1B?productId=(%5b1132040000%5d)&page=Product

Weidmueller Interface GmbH & Co. KG | CC-Link IE Field | Cables · connectors

IE-PS-RJ45-TH-BK 1963590000

RJ45 crimp plug, Plug with bending protection sleeve in black, Cat.6A / Class EA(ISO/IEC 11801 2010)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=5483746745FB17F15D1215804D46AA1B?productId=(%5b1963590000%5d)&page=Product

IE-BI-RJ45-FJ-B 1963840000

RJ45 insert, Bulkhead inserts AWG 22, EIA / TIA 586 B, TIA-568B

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Online Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=B0634110FDA70A0EFA4417A69A496683?productId=(%5b1963840000%5d)&groupId=(%22group3488625416060%22)&page=Product

Weidmueller Interface GmbH & Co. KG | CC-Link IE Field | Cables・connectors

IE-BI-RJ45-FJ-P 1963830000

RJ45 insert, Bulkhead inserts AWG 22, PROFINET, PROFINET

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Online Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=B0634110FDA70A0EFA4417A69A496683?productId=(%5b1963830000%5d)&groupId=(%22group3488625416060%22)&page=Product

IE-PI-RJ45-FH 1962730000

RJ45 insert, Plug insert RJ45, no tools required, TIA-568A, EIA/TIA T568 B, PROFINET

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=0BB52CA0248623B7DC46EE6DC5DCBCB4?productId=(%5b1962730000%5d)&page=Product

Weidmueller Interface GmbH & Co. KG | CC-Link IE Field | Cables · connectors

IE-PI-RJ45-FH-B 1132020000

RJ45 insert, Plug insert RJ45, no tools required, EIA/TIA T568 B

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=B0634110FDA70A0EFA4417A69A496683?productId=(%5b1132020000%5d)&page=Product

IE-PI-RJ45-FH-P 1132030000

RJ45 insert, Plug insert RJ45, no tools required, PROFINET

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Online Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=B0634110FDA70A0EFA4417A69A496683?productId=(%5b1132030000%5d)&page=Product

Weidmueller Interface GmbH & Co. KG | CC-Link IE Field | Cables · connectors

IE-PS-M12X-P-AWG22/27 FH 2007500000

Plug-in connector, M12, Insulation displacement technology, Cat.6A / Class EA (ISO/IEC 11801 2010)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/ChangeLocale.do;jsessionid=C0A6C1C577278350B9945879DF742418?ChangeLocaleForm.localeId=en&ChangeLocaleForm.page=Product&ChangeLocaleForm.productId=%28%5B2007500000%5D%29&ChangeLocaleForm.groupId=

IE-PS-RJ45-FH-BK 1963600000

RJ45 plug, no tools required, Cat.6A / Class EA (ISO/IEC 11801 2010), 8-core, 4-core, EIA/TIA T568 A, EIA/TIA T568 B, PROFINET

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=0BB52CA0248623B7DC46EE6DC5DCBCB4?productId=(%5b1963600000%5d)&page=Product

Weidmueller Interface GmbH & Co. KG | CC-Link IE Field | Cables · connectors

IE-PS-RJ45-FH-BK-B 1132050000

RJ45 plug, no tools required, Cat.6A / Class EA (ISO/IEC 11801 2010), 8-core, EIA/TIA T568 B

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=B0634110FDA70A0EFA4417A69A496683?productId=(%5b1132050000%5d)&page=Product

IE-PS-RJ45-FH-180-SERIES

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

<URL> http://www.weidmueller.com/int/home
<URL> http://catalog.weidmueller.com/procat/Group.jsp;jsessionid=1A2F7F445F49279E2B839A7DF2555FBF?groupId=(%22group5908119302434%22)&page=Group

Weidmueller Interface GmbH & Co. KG | CC-Link IE Field | Cables・connectors

IE-PS-RJ45-FH-90-SERIES

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

<URL> http://www.weidmueller.com/int/home
<URL> http://catalog.weidmueller.com/procat/ChangeLocale.do;jsessionid=1A2F7F445F49279E2B839A7DF2555FBF?ChangeLocaleForm.localeId=en&ChangeLocaleForm.page=Group&ChangeLocaleForm.productId=&ChangeLocaleForm.groupId=%28%22group3996789420377%22%29

IE-PS-RJ45-FH-BK-P 1132060000

RJ45 plug, no tools required, Cat.5 (ISO/IEC 11801), 4-core, PROFINET

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Weidmueller Product Catalogue
<URL> http://catalog.weidmueller.com/procat/Product.jsp;jsessionid=B0634110FDA70A0EFA4417A69A496683?productId=(%5b1132060000%5d)&page=Product

RIV-S011P04S-IE CC-LinkIE-compatible cable(high flexible cable)

High flexible cable corresponding to CC-Link IE suitable for cable carrier and winding

Features

●wiring length up to 30m

Station type	
Number of stations occupied	
CC-Link version	-
External dimensions	Cable outside diameter approx. about6.5mm
Mass	-
Standard Price	お問合せ下さい

Contact

YOSHINOGAWA electric wire & cable co.ltd
331 OMORE-CHO,TAKAMATSU CITY,
KAGAWA PREF.761-0493 JAPAN

Taiyo Cabletec Corporation | CC-Link IE Field | Cables・connectors

FAFX-5E25SLAB

Apply to CC-Link Ver.1.10
Double shielded cable

Features

●Ethenet flexible cable
Copper braid and Al PET Tape shield

Station type	
Number of stations occupied	
CC-Link version	Ver.1.10
External dimensions	outside diameter 6.5mm
Mass	Apporoximate weight 54kg/km
Standard Price	

Contact

shimokawa.keiji
TEL : 045-470-7721
<E-mail> keiji.shimokawa@tcapgroup.com

TAIYO ELECTRIC CO.,LTD. | CC-Link IE Field | Cables・connectors

Industrial Ethernet Patch cord (thin cable)

FLAN-NSP-NSP-26334-□M

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

CC-Link IE Field Network Certified Industrial RJ45 Modular Plug

RJ45 modular plug certified for the CC-Link IE Field Network which can be field-assembled with no special tools.

Features

- Easy field termination with no special wire preparation - no stripping, tinning or special tooling.
- Can terminate with a common pair of pliers.
- Easy, labor saving and reliable IDC termination.
- Robust latch structure & 4-side shield structure.
- Compact 44mm length.
- Compatible to double-shielded Cat5e cables.
  Solid wire: AWG24
  Stranded wire: AWG 24 ～ 26 (7 wires)
  Cable Diameter: Max. 6.8mm
  *Please contact 3M for compatiblity with other cables.

Station type	
Number of stations occupied	
CC-Link version	CC-Link IE Field
External dimensions	44.0(L)x14.0(W)×12.0(H)
Mass	
Standard Price	お問い合わせください

Contact

3M Japan Limited
Communication & Electrical Solution Division
Taichiro Kajiwara (Sales)
TEL : +81-52-220-7083
<E-mail> tkajiwara1@mmm.com
Tatsunosuke Inami (Out of Japan)
TEL : +81-90-8857-7541
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/Home/Products/ProductCatalog/Catalog/?PC_7_RJH9U5230O73D0ISNF9B3C3SI1000000_nid=ZXDGN1LXQGitPBF9SM2BBQglMZJ02GZ961bl
<E-mail> jlin5@mmm.com

CC-Link IE Field Network Certified Cat.5e Cable Assembly (STP)

Cat.5e cable assembly certified for CC-Link IE Field Network has EMC/EMI performance with STP cable.

Features

- STP cable provides high performance of EMI/EMC.
- Protector strudture avoids damage to connector latch.

Station type	
Number of stations occupied	
CC-Link version	CC-Link IE Field
External dimensions	Cable Length : 0.25m to 70m
Mass	
Standard Price	

Contact

현지법인한국쓰리엠㈜
서울특별시 영등포구 의사당대로 82 하나대투증권빌딩 20층
TEL : 02-3771-4163
<URL> http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/

Han® 3 A RJ45 Gigalink connector, 8-poles, Cat. 6A insert

Han® 3 A RJ45 IP65/67 Cat. 6A plug insert

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Shielded RJ45 connector insert for Han® 3 A hood and housings
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	41g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com
<E-mail> info@HARTING.com

Han® 3 A RJ45 Gigalink connector, 8-poles, Cat. 6A Metal

Han® 3 A RJ45 IP65/67 Cat. 6A metal plug

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Very robust shielded RJ45 connector for IP65/67 applications
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	133g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com
<E-mail> info@HARTING.com

Han® 3 A RJ45 Gigalink connector, 8-poles, Cat. 6A Plastic

Han® 3 A RJ45 IP65/67 Cat. 6A plastic plug

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Robust shielded RJ45 connector for IP65/67 applications
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	70g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com
<E-mail> info@HARTING.com

Han® 3 A RJ45, Hybrid plug Cat. 6A insert

Han® RJ45 IP65/67 Cat. 6A plug insert

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Shielded RJ45 connector insert for Han® 3 A hood and housings
Power and data in one connections
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	42g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com
<E-mail> info@HARTING.com

Han® 3 A RJ45, Hybrid plug Cat. 6A metal

Han® 3 A RJ45 IP65/67 Cat. 6A metal plug

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Very robust shielded RJ45 connector for IP65/67 applications
Power and data in one connections
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	127g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com
<E-mail> info@HARTING.com

HARTING K.K | CC-Link IE Field | Cables・connectors

Han® 3 A RJ45, Hybrid plug Cat. 6A plastic

Han® RJ45 IP65/67 Cat. 6A plastic plug

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Robust shielded RJ45 connector for IP65/67 applications
Power and data in one connections
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	42g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com
<E-mail> info@HARTING.com

Han-Max® Connector Cat. 5, 8-poles

Han-Max® RJ45 plug Cat5

Features

●Cat. 5 performance for 1 Gbit/s Ethernet
Robust shielded RJ45 connector for IP65/67 applications with bajonet locking
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	84g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com
<E-mail> info@HARTING.com

HARTING PushPull, cable to cable housing

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	W 32.6 mm x H 21.0 mm x D 65.5 mm
Mass	
Standard Price	

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com

HARTING RJ45 Industrial 10G

10 Gigabit RJ45 connector for field assembly

Features

●●伝送速度：10/100Mbps、1/10Gbps
●伝送性能：Cat. 5 / Class D(4ピン)、Cat. 6 / Class EA(8ピン)
●HARAX® IDC結線技術により簡単かつ迅速に現場結線が可能
●保護等級：IP 20
(IP 65/67のPushPull RJ45およびHan® 3A RJ45と共通のインサート)
●温度範囲：−40℃～ +70℃
●コンパクト設計によりマルチポートに対応
●45℃のケーブル引き出し口を4方向に付け替え可能なアングルバージョンも用意
●システムケーブルも提供

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	お問い合わせください。

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com

HPP V4 RJ45 GL Cat. 6A PLUG 8P

HARTING PushPull RJ45 IP65/67 Cat. 6A plug

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Robust shielded RJ45 connector for IP65/67 applications with easy to handle PushPull locking system
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	50g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> info@HARTING.com
<E-mail> jp@HARTING.com

RJI RJ45 GL Compact plug Cat. 6A, 8p 100

RJ45 IP20 Cat. 6A plug, compact design

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Compact and robust shielded RJ45 connector for IP20 applications
IP65/67

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	6g
Standard Price	Please contact

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com
<E-mail> info@HARTING.com

RJI RJ45 GL plug Cat. 6A, 8p, IP20

RJ45 IP20 Cat. 6A plug

Features

●Cat. 6A performance for 1 / 10 Gbit/s Ethernet
Robust shielded RJ45 connector for IP20 applications
IP20

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	32g
Standard Price	Please contact

Contact

HARTING Technology Group
TEL : +49 (0)5772 – 470
<URL> http://www.HARTING.com
<URL> http://www.eCatalogue.HARTING.com
<E-mail> info@HARTING.com

SF/UTP Category 5E 4-Pair Cable Fixed (SFP-E-C5G-E1ZN-X 0.5X004P/GY)

LSSS-LN0063-05
ISO/IEC 11801, ANSI/TIA 568 C.2, UL444, IEC 61156-5 Complied
100 ohm Solid Bare Copper
RoHS Complied

Features

- High Stability through Solid Bare Copper
- Double Shield : Al/Mylar Foiled Tape + Tinned Copper Braid
- Transmission Distance : Max. 100m
- Low Smoke Zero Halogen

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

제조사 LS전선(주)
경기도 안양시 동안구 LS로 127 12~17층
TEL : 02-2189-9114
대리점 미래개발전선(주)
서울시 용산구 청파로 83 4동 9열 23,24호(한강로3가, 원효전자상가)
TEL : 02-701-9911
<URL> http://www.lssimple.com

SF/UTP Category 5E 4-Pair Cable Flexible (SFP-E-C5G-E1ZP-X 0.5X004P/GY(LS SIMPLE))

LSGS-16-LN0011-01
ISO/IEC 11801, ANSI/TIA 568 C.2, UL444, IEC 61156-5 Complied
Stranded Copper cable of 100 ohm
RoHS Complied

Features

- High Flexibility through Stranded Copper
- Double Shield : Al/Mylar Foiled Tape + Tinned Copper Braid
- Transmission Distance : Max. 100m
- Low Smoke Zero Halogen

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

제조사 LS전선(주)
경기도 안양시 동안구 LS로 127 12~17층
TEL : 02-2189-9114
대리점 미래개발전선(주)
서울시 용산구 청파로 83 4동 9열 23,24호(한강로3가, 원효전자상가)
TEL : 02-701-9911
<URL> http://www.lssimple.com

CC-LINK IE V1.10-J 4P×24AWG

Double-shieled cable with high resistance to external noise, and compatible with 1000BASE-T standard

Features

●This ethernet cable is compliant with ISO/IEC11801(Cat.5) 1000BASE-T Standard

●High shielding characteristic due to double-shield structure of Aluminum tape and braiding

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Cable outside diameter approx 6.4mm
Mass	60kg/km
Standard Price	Contact for more information

Contact

Shanghai Powerful Automation Technology Development Co.,Ltd
TEL : +86-021-56591078
<URL> http://www.sh-powerful.com/
<E-mail> shanghai_pwf@163.com

CC-Link IE Field RJ45coupler

RJ45中継(JJ)アダプタ ※Cat.6A対応
型式：NSJJC6A-S-KEY

Features

●型式：NSJJC6A-S-KEY
ケーブルの延長(中継接続)やパッチコードとの接続用
19インチラックへの取付も可能(推奨パネル：NSMIXPPH24BK-S)
RoHS指令対応

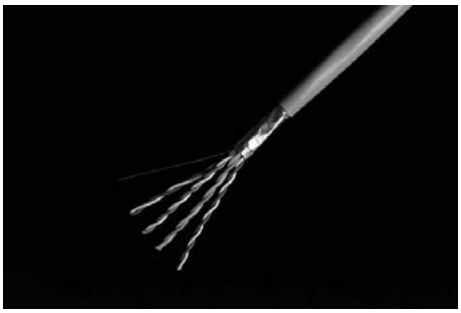
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	(W)14.6mm×(D)30.0mm×(H)16.1mm
Mass	約9g
Standard Price	

Contact

<URL> http://www.nscable.co.jp

Gigabits Transmission Correspondence Screened Cable (Cat.5e)

Features



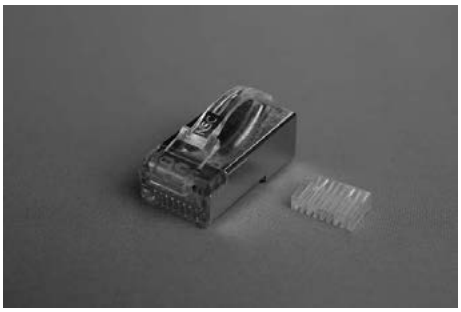
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Nippon Seisen Cable, Ltd. | CC-Link IE Field | Cables・connectors

Shielded modular plug(Cat.5e) NSP524-S

Features

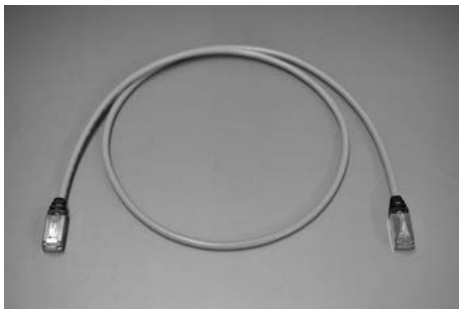


Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Smart-giga-patchi SPE-PC-SB(28AWG/Stranded wire)

Features



Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Industrial RJ45 IDC Connector #490128

Straight RJ45 - Male 8 pole, Cat6a, Color Code T568B, 10Gigabit/sec.

Features

●Insulation Displacement Connector (IDC), Zinc die-cast housing, Quick connect technology, Field wireable, easy to install, AWG 27-22, IP20, UL listed

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Contact for more information

Contact

LUTZE Global Support Center
TEL : +49 7151 6053 229
<URL> http://www.lutze.com
<URL> http://www.luetze.com/catalogue/product-selection/details/actuator-sensor-interface/field-attachable-rj45-connector/490128-rj45-connector/
<E-mail> sales@luetze.de

Lutze Inc. | CC-Link IE Field | Cables・connectors

Industrial RJ45 IDC Connector #490129

Straight RJ45 - Male 8 pole, Cat6a, Color Code T568A, 10Gigabit/sec.

Features

●Insulation Displacement Connector (IDC), Zinc die-cast housing, Quick connect technology, Field wireable, easy to install, AWG 27-22, IP20, UL listed

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Contact for more information

Contact

LUTZE Global Support Center
TEL : +49 7151 6053 229
<URL> http://www.lutze.com
<URL> http://www.luetze.com/catalogue/product-selection/details/actuator-sensor-interface/field-attachable-rj45-connector/490129-rj45-connector/
<E-mail> sales@luetze.de

Industrial RJ45 IDC Connector #490151

Angled 90° RJ45 - Male 8 pole, Cat6a, Color Code T568B, 10Gigabit/sec.

Features

●Insulation Displacement Connector (IDC), Angled 90° four rotating positions, Zinc die-cast housing, Quick connect technology, Field wireable, easy to install, AWG 27-22, IP20, UL listed.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	Contact for more information

Contact

LUTZE Global Support Center
TEL : +49 7151 6053 229
<URL> http://www.lutze.com
<URL> http://www.luetze.com/catalogue/product-selection/details/actuator-sensor-interface/field-attachable-rj45-connector/490151-rj45-connector/
<E-mail> sales@luetze.de

LUTZE Industrial Ethernet Cable, Cat5e #104336

For the cabling of industrial fieldbus systems with the globally accepted TCP/IP protocol. Applications in automation technology, transport and conveyor technology, and machine tool manufacturing, etc. For flexible and stationary applications.

Features

●High active and passive interference resistance (EMC), talc and silicone free,

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	OD 7.3 mm, 0.287"
Mass	46 lbs/1000ft, 68.5 kg/km
Standard Price	Contact for more information

Contact

LUTZE Global Support Center
TEL : +49 7151 6053 229
<E-mail> sales@luetze.de
<URL> http://www.lutze.com/
<URL> http://www.luetze.com/catalogue/product-selection/details/bus-and-network-cables/104336-luetze-electronic-ethernet-c-pvc-1/

LUTZE Industrial Ethernet Cable, Cat5e #104337

For the cabling of industrial field bus systems with the globally accepted TCP/IP protocol. Applications in automation technology, transport and conveyor technology, and machine tool manufacturing. For high flexing and continuous moving applications in C-tracks

Features

●High active and passive interference resistance (EMC), talc and silicone free, UL approvals: CMX, AWM

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	OD 7.8mm/0.307"
Mass	46 lbs/1000ft, 68.5 kg/km
Standard Price	Contact for more information

Contact

LUTZE Global Support Center
TEL : +49 7151 6053 229
<URL> http://www.lutze.com
<URL> http://www.luetze.com/catalogue/product-selection/details/bus-and-network-cables/104337-luetze-superflexr-ethernet-c-purfor-highest-requirements/
<E-mail> sales@luetze.de

LUTZE Industrial Ethernet Cable, Cat6a #104397

For the cabling of industrial field bus systems with the globally accepted TCP/IP protocol. Applications in automation technology, transport and conveyor technology, and machine tool manufacturing. For flexible and stationary applications.

Features

●High active and passive interference resistance (EMC), talc and silicone free.
UL approvals: PLTC, CMG, AWM 2570 600V

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	OD 9.6 mm/ 0.378"
Mass	65lbs/1000ft, 96.7 kg/km
Standard Price	contact for more information

Contact

LUTZE Global Support Center
TEL : +49 7151 6053 229
<URL> http://www.lutze.com
<URL> http://www.luetze.com/catalogue/product-selection/details/bus-and-network-cables/104397-luetze-electronic-ethernet-c-pvc-1/
<E-mail> sales@luetze.de

1417359 VS-OE-OE-94F/...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, Cable length: Free entry (0.5 ... 400.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	6.4 mm
Mass	42 kg/km
Standard Price	Contact for more information

Contact

PHOENIX CONTACT
TEL : (800) 888-7388
<URL> https://www.phoenixcontact.com/online/portal/us?uri=pxc-oc-item detail:pid=1417359&library=usen&tab=1
<E-mail> info@phoenixcon.com

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables・connectors

1418853 VS-08-RJ45-10G/C

Male insert RJ45, CAT6A, 10 Gigabit

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	-
Mass	3 g
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

NBC-MSX/... SCO

Plug straight M12 SPEEDCON / IP67, Coding: X, Ethernet CAT6A (10 Gbps), 8-position

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	-
Mass	11 g
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables・connectors

1408644 NBC-MSX-MSX SCO-10G/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: X, on Plug straight M12 SPEEDCON / IP67, Coding: X, Cable length: Free input (0.2 ... 40.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

1408645 NBC-MSX-R4QC SCO-10G/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: X, on Plug straight RJ45 Push Pull / IP67, Cable length: Free input (0.2 ... 40.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables・connectors

1408646 NBC-MSX-R4RC SCO-10G/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: X, on Plug straight RJ45 Push Pull / IP67, Cable length: Free input (0.2 ... 40.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

1408647 NBC-MSX-R4AC SCO-10G/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: X, on Plug straight RJ45 / IP20, Cable length: Free input (0.2 ... 40.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

1408648 NBC-MSX SCO-10G/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: X, on free cable end, Cable length: Free input (0.2 ... 40.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

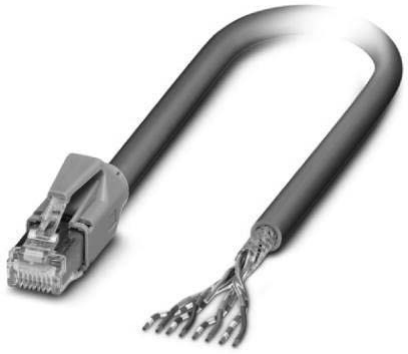
Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

1411853 NBC-R4AC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, Plug straight RJ45 / IP20, on free cable end, Cable length: free input (0.2 ... 100.0 m)

Features



Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables · connectors

1411854 NBC-R4AC-R4AC-IE8A/.../...

Patch cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, Plug straight RJ45 / IP20, on Plug straight RJ45 / IP20, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

1411855 NBC-R4AC-R4RC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, Plug straight RJ45 / IP20, on Plug straight RJ45 Push Pull / IP67, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables・connectors

1411856 NBC-R4AC-R4QC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, Plug straight RJ45 / IP20, on Plug straight RJ45 Push Pull / IP67, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

1414321 NBC-R4AC-R4MC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, Plug straight RJ45 / IP20, on Plug straight RJ45 Clip locking / IP67, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables · connectors

1414322 NBC-R4MC-R4MC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, Plug straight RJ45 Clip locking / IP67, on Plug straight RJ45 Clip locking / IP67, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

1414323 NBC-R4RC-R4RC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, Plug straight RJ45 Push Pull / IP67, on Plug straight RJ45 Push Pull / IP67, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables・connectors

1414324 NBC-R4QC-R4QC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, Plug straight RJ45 Push Pull / IP67, on Plug straight RJ45 Push Pull / IP67

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

1415637 NBC-R4RC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, on free cable end, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail>phoenix@phoenixcontact.com.cn

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables · connectors

1415638 NBC-R4QC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, on free cable end, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Cables・connectors

1415639 NBC-R4MC-IE8A/.../...

Network cable, Ethernet CAT6A (10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, on free cable end, Cable length: free input (0.2 ... 100.0 m)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	-
Standard Price	Contact for more information

Contact

菲尼克斯(中国)投资有限公司
TEL : 86-25-52121888
<E-mail> phoenix@phoenixcontact.com.cn

JMACS Japan Co., Ltd. | CC-Link IE Field | Cables・connectors

Robot/movable Industrial Ethernet cable RX-IETP-SB

As high-grade type of industrial Ethernet cables,it can be used for wiring of high-speed movable portions,such as a cable carrier/robots.

Features

- Meets electrical frequency standard of ISO/IEC 11801 (Cat.5) and TIA/EIA-568-C.2(Cat.5e).
- Double shielding by AL/PET tape and a high-coverage braided shield mean that CCNC-IEF possess superior noise resistance and offer stable transmission quality for communications.
- Jacket uses a lead-free, oil-and heat -resistant vinyl compound with superior flame retardance to support factory automation applications. (Complies with RoHS directive).
- Passed bending test of 10 million times or more.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Approx. 6.5 (mm)
Mass	Approx. 45 (kg/km)
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

CCNC-IEF-24・Industrial Ethernet Cables

CCNC-IEF cable from JMACS are industrial Ethernet cable with the necessary shielding and EMI protection for factory automation. It is UL, and C・UL listed product.

Features

- Meets electrical frequency standard of ISO/IEC 11801 (Cat.5) and TIA/EIA-568-C.2(Cat.5e).
- It supports high-speed transmission of Gigabit Ethernet (1000BASE-T).
- Double shielding by AL/PET tape and a high-coverage braided shield mean that CCNC-IEF possess superior noise resistance and offer stable transmission quality for communications.
- Jacket uses a lead-free, oil-and heat -resistant vinyl compound with superior flame retardance to support factory automation applications. (Complies with RoHS directive).
- Length marks imprinted on the cable make measuring easy.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Approx. 6.5 (mm)
Mass	Approx. 55 (kg/km)
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

CCNC-IEF-26・Industrial Ethernet Cables

CCNC-IEF cable from JMACS are industrial Ethernet cable with the necessary shielding and EMI protection for factory automation. 26AWG is the best for the patch cord.

Features

- Meets electrical frequency standard of ISO/IEC 11801 (Cat.5) and TIA/EIA-568-C.2(Cat.5e).
- It supports high-speed transmission of Gigabit Ethernet (1000BASE-T).
- Double shielding by AL/PET tape and a high-coverage braided shield mean that CCNC-IEF possess superior noise resistance and offer stable transmission quality for communications.
- Jacket uses a lead-free, oil-and heat -resistant vinyl compound with superior flame retardance to support factory automation applications. (Complies with RoHS directive).
- Length marks imprinted on the cable make measuring easy.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Approx. 6.0 (mm)
Mass	Approx. 45 (kg/km)
Standard Price	Contact for more information.

Contact

JMACS Japan CO., LTD.
Sales Department
TEL : 06-4796-0080 FAX : 06-4796-0090
Tokyo Office
TEL : 03-3239-5204 FAX : 03-3556-1240
<URL> http://www.jmacs-j.co.jp/
<E-mail> sales@jmacs-j.co.jp

FAE-5004

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

SWCC SHOWA CABLE SYSTEMS CO., LTD. | CC-Link IE Field | Cables・connectors

GECLS-9004

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

DeviceXPlorer OPC Server (Model : DXPENT)

DeviceXPlorer OPC Server is a software which access to diverse field devices. You will build advanced system with low cost by using a general package software because it is compatible with the global standard specification called "OPC."

Features

- Multiple Connectivity : Many field devices working on each country are supported.
- Easy Operation : You will configure and operate without any manuals.
- Reliability : Every OPC products will work with DeviceXPlorer by OPC interoperability certifications.
- Asian Standard : English and Japanese, Chinese are supported.
- RAS for debug : You will decrease debug time by using RAS functionality.
- Operating System : DeviceXPlorer is compatible with Windows7 or x64 systems.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	¥128,000

Contact

TAKEBISHI Corporation
Machinery and Electric Machine Division, Engineering Department
29 Mamedacho Nishikyogoku Ukyoku Kyoto 615-8501, JAPAN
TEL : +81-75-325-2172 FAX : +81-75-325-2273
<URL> http://www.takebishi.co.jp/english/
<URL> http://www.faweb.net/us/opc/
<E-mail> fa-support@takebishi.co.jp

MELSEC Ethernet DAServer (QE71DAS-US)

The DAServer is a comunication driver software based on architecture "ArchestrA" of Wonderware. It provides a Easy Communication with SLMP devices and InTouch10 and Wonderware Application Server(IAS).

Features

- ArchestrA : The SLMP devices are united seamlessly with the ArchestrA system.
- OPCDA/SuiteLink : It is possible to communicate with InTouch by SuiteLink and with other applications by OPC.
- Hot Configuration : It is possible to change the configuration dynamically without stopping the DAServer.
- Remote Configuration : It is possible to change configuration from remote PC.
- RAS functions : By watching tag values and qualities etc. It becomes easy to solve communication troubles.
- Run as a service : DAServer can run as Windows Service Application. It works already when login screen is displayed.

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	¥68,000

Contact

TAKEBISHI Corporation
Machinery and Electric Machine Division, Engineering Department
29 Mamedacho Nishikyogoku Ukyoku Kyoto 615-8501, JAPAN
TEL : +81-75-325-2172 FAX : +81-75-325-2273
<URL> http://www.takebishi.co.jp/english/
<URL> http://www.faweb.net/us/das/
<E-mail> fa-support@takebishi.co.jp

Cable IQ Cable Qualification Tester

ネットワークケーブルの伝送スピード (10/100/1000) の検証とトラブルシューティングを可能にした配線検証テスター

Features

●ネットワーク配線が10/100/1000Base の伝送性能を持っているか検証

●断線、クロストークやインピーダンス不良の有無や不良位置の検出

●ネットワーク機器(ポート)のリンク性能(10/100/1000M)と通信方式(半/全2重)

●測定結果の保存とレポート化

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	178mm(H) x 89mm(W) x 45mm(D)
Mass	550g
Standard Price	お問い合わせください

Contact

TFF Fluke Networks
TEL : +81-3-6714-3117
<URL> http://flukenetworks.com
<URL> http://flukenetworks.com/CableIQ
<E-mail> infoj@fluke.com

DSX-5000 CableAnalyzer

産業用イーサネットケーブルを確実に認証してギガビット伝送の安定稼働を保障

Features

●CC-Link IEフィールドネットワーク敷設マニュアルの"配線の確認"項目を自動試験

●Cat5e, Cat 6 およびすべての現行規格で比類ないスピードを発揮(Cat5e測定時間8秒)

●LinkWare™ 管理ソフトウェアで、試験結果を解析し、専門的な試験レポートを作成

●クロストーク、リターン・ロス、シールド障害などの障害の位置をグラフィカルに表示してトラブルシューティングを迅速化

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	67㎜×133㎜×280㎜ (本体寸法)
Mass	1.28㎏ (本体寸法)
Standard Price	お問い合わせください

Contact

KK TFF FlukeNetworks
TEL : 81-3-6714-3117
<URL> http://jp.flukenetworks.com
<URL> http://jp.flukenetworks.com/dsx
<E-mail> infoj@fluke.com

LinkRunner AT　Network AutoTester

ネットワーク接続性に関する問題を迅速に解決するテスター

Features

●ネットワーク機器への接続性、リンク、疎通を10秒で自動検証

●リンク性能および接続性を検証

●TruePower PoE 負荷試験により PoE電力供給能力試験

●迅速にスイッチ情報を取得し表示
(CDP/EDP/LLDP利用)

●機器への疎通と応答確認
(Ping/TCP応答)

●ネットワークケーブルの配線マッピング、長さを容易に検証

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	89 mm(W) x 198 mm(H) x 48 mm(D)
Mass	500g
Standard Price	お問い合わせください

Contact

현지법인플루크네트웍스
서울시 강남구 테헤란로 507, 3층
TEL : 02-6365-4000
대리점비오더블테크놀로지
경기도 성남시 분당구 판교로 255 판교이노밸리 E동 403호
TEL : 031-607-0114
<URL> http://jp.flukenetworks.com/
<URL> http://flukenetworks.com/LinkRunnerAT

MicroScanner2

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	76mm (W) x163mm(H) x 36mm(D)
Mass	
Standard Price	

Contact

현지법인플루크네트웍스
서울시 강남구 테헤란로 507, 3층
TEL : 02-6365-4000
대리점비오더블테크놀로지
경기도 성남시 분당구 판교로 255 판교이노밸리 E동 403호
TEL : 031-607-0114

IDS-105G Industrial Gigabit Ethernet Switch

5 port 10/100/1000Base-T with 2 SFP slots for fiber modules

Features

- 5-port 10/100/1000Base-T(X) with 2 SFP slots
- Hazardous locations - Class1/Div2, ATEX Class1/Zone2
- Dual Power Input: 12/24/48 VDC and 18 - 30 VAC
- Operating Temperature -40 to 75 degrees Celsius
- Store and forward, non-blocking architecture

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	35.5 x 111 x 138 (mm)
Mass	0.32 kg
Standard Price	

Contact

Perle Systems K.K.
TEL : 03-5413-7956

DS-G205 series: Unmanaged full Gigabit Ethernet switch with 5 10/100/1000BaseT(X) ports

Features

●0 to 60° C operating temperature(EDS-G205)
-40 to 75° C operating temperature(EDS-G205-T)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	35 x 130 x 105 mm
Mass	
Standard Price	

Contact

Moxa China Shanghai Office
18F,No.1160,Yan An West Road Metro Bank Plaza,
Shanghai, China, 200052
TEL : +86-21-5258-9955
FAX : +86-21-5258-5505
<E-mail> china@moxa.com

MOXA Inc. | CC-Link IE Field | Wiring parts

EDS-G308 Series:Unmanaged full Gigabit Ethernet switch with 8 10/100/1000BaseT(X) ports

The EDS-G308 is an Unmanaged full Gigabit Ethernet switch with 8 10/100/1000BaseT(X) ports, Power failures relay warning, 0 to 60° C and -40 to 75° C operating temperature models are available.

Features

●8 10/100/1000BaseT(X) Port
●Fiber optic options for extending distance and electrical noise immunity
●Redundant dual 12/24/48 VDC power inputs
●Supports jumbo frame transmission up to 9.6 KB
●Relay output warning for power failure and port break alarm
●Broadcast storm protection
●-40 to 75° C operating temperature range (T models)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	53.6 x 135 x 105 mm
Mass	0.63
Standard Price	

Contact

Moxa China
Shanghai Office
18F,No.1160,Yan An West Road Metro Bank Plaza,
Shanghai, China, 200052
TEL : +86-21-5258-9955
FAX : +86-21-5258-5505
<E-mail> china@moxa.com
Beijing Office
Room 3111, Guang Da Guo Xin Building
No.11, Zhong Guan Cun South Rd
Hai Dian District, Beijing, China, 100081
TEL : + 86-10-6872-3959/60/61
FAX : + 86-10-6872-3958
Shenzhen Office
Room 2320, Ding Cheng Building, Zhen Zhong Road
Shenzhen, Guangdong Province
China, 518000
TEL : + 86-755-8368-4084/94
FAX : + 86-755-8368-4148

IMC-101G series: Unmanaged full Gigabit Ethernet switch with 5 10/100/1000BaseT(X) ports

IMC-101Gの産業用ギガビット・メディア・コンバータは過酷な産業環境で10/100/1000BaseT(X) と1000BaseSX/LX/LHX/ZX間の信頼できる安定したメディア変換を提供するように設計されています。(SFPモジュールはSFP-1Gシリーズを別途購入)

Features

- ●10/100/1000BaseT(X) および1000BaseSX/LX/LHX/ZXをサポート
- ●リンク・フォルト・パス・スルー (LFP) (メディア・コンバータが2台必要)
- ●リレー出力による停電、ポート切断アラーム
- ●冗長電源入力
- ●危険場所向け設計(UL/cUL Class1, Division 2, Groups A, B, C, D, ATEX,Class1, Zone 2)
- ●0 to 60° C operating temperature(IMC-101G)
  -40 to 75° C operating temperature(IMC-101G-T)

  Standard Models: 0 to 60° C (32 to 140° F)(SFP-1G Series)
  Wide Temp. Models: -40 to 85° C (-40 to 185° F)(SFP-1G Series)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	53.6 x 135 x 105 mm (IMC-101G,IMC-101G-T) 13.4 x 13.4 x 14 mm (SFP-1G Series)
Mass	0.63
Standard Price	

Contact

Moxa China Shanghai Office
18F,No.1160,Yan An West Road Metro Bank Plaza,
Shanghai, China, 200052
TEL : +86-21-5258-9955
FAX : +86-21-5258-5505
<URL> http://www.moxa.com
<URL> http://www.moxa.com/product/IMC-101G.htm
<E-mail> china@moxa.com

EDS-G205 series: Unmanaged full Gigabit Ethernet switch with 5 10/100/1000BaseT(X) ports

The EDS-G205 is an Unmanaged full Gigabit Ethernet switch with 5 10/100/1000BaseT(X) ports. Power failures relay warning, 0 to 60° C and -40 to 75° C operating temperature models are available.

Features

- ●5 10/100/1000BaseT(X) Port
- ●Redundant dual 12/24/48 VDC power inputs
- ●Supports jumbo frame transmission up to 9.6 KB
- ●Relay output warning for power failure and port break alarm
- ●Broadcast storm protection
- ●-40 to 75° C operating temperature range (T models)
- ●Power saving design, reduce up to 82% power consumption

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	35 x 130 x 105 mm
Mass	290g
Standard Price	

Contact

Moxa Inc.
TEL : +886-2-89191230
<URL> http://www.moxa.com
<URL> http://www.moxa.com/product/EDS-G205_Series.htm
<E-mail> japan@moxa.com

Industrial gigabit Ethernet-to-fiber media converters

The IMC-21GA industrial Gigabit media converters are designed to provide reliable and stable 10/100/1000BaseT(X) to 100/1000Base- SX/LX or selected 100/1000Base SFP module media conversion. The IMC-21GA supports IEEE 802.3az (Energy Efficient Ethernet) and 10K jumbo frames, allowing them to save power and enhance transmission performance. All IMC-21GA models are subjected to a 100% burn-in test, and are available in models that support a standard operating temperature range of 0 to 60° C, and an extended ope

Features

- Supports 1000Base-SX/LX with SC connector, or SFP slot
  Link Fault Pass-through (LFP)
  10K jumbo frame
  Redundant power input
  -40 to 75° C operating temperature range (T models)
  Supports Energy Efficient Ethernet (IEEE 802.3az)

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	30 mm x 125 mm x 79 mm
Mass	170 g
Standard Price	Please check Moxa's distributors

Contact

Moxa Inc.
TEL : +886-2-89191230#1305
<URL> http://www.moxa.com
<URL> http://www.moxa.com/product/IMC-21GA.htm
<E-mail> japan@moxa.com

MDCAT-NC Lightning Surge Protector for CC-Link IE Field Network

Protecting CC-Link IE Field devices from lightning surges entering through communication network

Features

- Recommended for CC-Link IE Field Network
- LAN cable shield wire can be floating or grounding selected by a shortcircuit bar
- Conforms with IEC 61643-21
- Convenient DIN rail mounting

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	W39 x H93.5 x D35 mm
Mass	150 g
Standard Price	

Contact

M-System Co., Ltd., International Sales Dept.
5-2-55 Minamitsumori, Nishinari-ku, Osaka 557-0063
TEL : +81 (0)6-6659-8201
FAX : +81 (0)6-6659-8510
<URL> http://www.m-system.co.jp/english
<E-mail> info@m-system.co.jp

Industrial Ethernet Gigabit switch, FL SWITCH SFN 5GT (2891444)

Industrial Ethernet Gigabit Switches with wide temperature range, with EMC conformance for CC-Link IE Field.

Features

- Wide operating temperature range (-10℃ ... 60℃)
- Conformance with EMC directive2004/108/EC
- Wide range of supply voltages (DC10V - DC60V)
- Auto-Negotiation, Auto-MDI/MDIX, QoS(IEEE802.3P/Q), Jumbo Frame support
- CE, UL, cUL, UL-Ex, cUL-Ex, RoHS

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	28 × 110 × 70
Mass	0.205 kg
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/
<URL> http://www.phoenixcontact.com/online/portal/us?urile=pxc-oc-itemdetail:pid=2891444

Phoenix Contact K.K. | CC-Link IE Field | Wiring parts

Industrial Ethernet Gigabit switch, FL SWITCH SFN 8GT (2891673)

Industrial Ethernet Gigabit Switches with wide temperature range, with EMC conformance for CC-Link IE Field.

Features

- Wide operating temperature range (-25℃ ... +75℃)
- Conformance with EMC directive2004/108/EC
- Wide range of supply voltages (DC9V - DC32V)
- Redundant supply voltage with alarm contact
- Auto-Negotiation, Auto-MDI/MDIX, QoS(IEEE802.3P/Q), Jumbo Frame support
- CE, UL, cUL, UL-Ex, cUL-Ex, EAC, KC, RoHS

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	50 × 120 × 70
Mass	0.395 kg
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com/
<URL> http://www.phoenixcontact.com/online/portal/us?urile=pxc-oc-itemdetail:pid=2891673

Managed Switch FL SWITCH 2105

Managed Industrial Ethernet Gigabit Switch with 5 10/100/1000BaseT(X) ports

Features

- Transmission speed 10/100/1000 Mbit/s
- Flexible configuration via smart modes, configuration memory (SD card), SNMP or Command line Interface (CLI)
- RSTP and MRP for redundant topologies
- Temperature range 0° C ··· 60° C
- Power supply 18-32 V DC
- Multiple diagnostic options (SNMP, CLI, Web based Management)
- VLAN for network segmentation
- Features for Profinet (LLDP, MRP) and EtherNet/IP (IGMP, DHCP server)
- CE, cULus

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	45mm x 130mm x 115mm (WxHxD)
Mass	0.240 kg
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

현지법인피닉스컨택트㈜
경기도 성남시 분당구 판교로 344(엠텍IT타워) S동 10층
TEL : 031-740-9906
Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com
<URL> http://www.phoenixcontact.net/product/2702665

Phoenix Contact GmbH & Co. KG. | CC-Link IE Field | Wiring parts

Managed Switch FL SWITCH 2108

Managed Industrial Ethernet Gigabit Switch with 8 10/100/1000BaseT(X) ports

Features

- Transmission speed 10/100/1000 Mbit/s
- Flexible configuration via smart modes, configuration memory (SD card), SNMP or Command line Interface (CLI)
- RSTP and MRP for redundant topologies
- Temperature range 0° C ··· 60° C
- Power supply 18-32 V DC
- Multiple diagnostic options (SNMP, CLI, Web based Management)
- VLAN for network segmentation
- Features for Profinet (LLDP, MRP) and EtherNet/IP (IGMP, DHCP server)
- CE, cULus

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	45mm x 130mm x 115mm (WxHxD)
Mass	0.240 kg
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

현지법인피닉스컨택트㈜
경기도 성남시 분당구 판교로 344(엠텍IT타워) S동 10층
TEL : 031-740-9906
Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com
<URL> http://www.phoenixcontact.net/product/2702666

Managed Switch FL SWITCH 2308

Managed Industrial Ethernet Gigabit Switch with 8 10/100/1000BaseT(X) ports

Features

- Transmission speed 10/100/1000 Mbit/s
- Flexible configuration via smart modes, configuration memory (SD card), SNMP or Command line Interface (CLI)
- RSTP and MRP for redundant topologies
- Extended temperature range -40° C ··· 70° C
- Redundant power supply 12-57 V DC
- Digital alarm output
- Multiple diagnostic options (SNMP, CLI, Web based Management)
- VLAN for network segmentation
- Features for Profinet (LLDP, MRP) and EtherNet/IP (IGMP, DHCP server)
- CE, cULus
- Approvals for maritime (GL/DNV, BV, ABS, LR, RINA) and process technology (ATEX, IECEx, Class 1 Div 2) applications

Station type	-
Number of stations occupied	-
CC-Link version	-
External dimensions	45mm x 130mm x 115mm (WxHxD)
Mass	0.265 kg
Standard Price	Please contact your nearest PHOENIX CONTACT sales office.

Contact

현지법인피닉스컨택트㈜
경기도 성남시 분당구 판교로 344(엠텍IT타워) S동 10층
TEL : 031-740-9906
Please select your location on our web site and contact us (www.phoenixcontact.com)
<URL> http://www.phoenixcontact.com
<URL> http://www.phoenixcontact.net/product/2702652

EtherWAN EL9020 Hardened 10/100/1000BASE-TX to Gigabit SFP Media

The EL9020 Series provides media conversion between 10/100/1000BASE-TX and 1000BASE SFP Fiber. Built specifically for missioncritical applications in harsh environments, the EL9020's hardened design features high shock & vibration resistance, electrical noise immunity, wide operating temperature range from -40° C to 75° C, and ruggedized aluminum housing. With triple power inputs, link down alarming, Link-Fault-Pass-Through and a wide range of fiber connectivity options the EL9020 is the ideal media converter

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

SHOSHIN CORPORATION
TEL : 81+03-3270-5926
<E-mail> IS@shoshin.co.jp

Industrial Switching Hub (CC-Link IE Field Network Compatible) DT135TX

Features

- 5 Ethernet ports are equipped in small size.
- The Auto MDI/MDI-X function and the auto negotiation function are equipped.
- Two power supplies are acceptable through redundant composition.
- Rated input voltage is wide range. (DC12 ～ DC24V)
- A star topology, line topology, or line/star composite topology can be structured.
- UL and CE are approved.

Station type	—
Number of stations occupied	—
CC-Link version	—
External dimensions	W26mm×H112mm×D102mm (including DIN rail attachment and Power supply terminal block)
Mass	270g(including DIN rail attachment and Power supply terminal block)
Standard Price	56,000円

Contact

MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
<URL> http://www.melsc.co.jp
<URL> http://www.melsc.co.jp/release/2013/KNo1304.html
<E-mail> info@melsc.jp
<E-mail> osb.webmaster@melsc.jp

Industrail Ethernet Switching Hub DEH-GTX8

This is 8-port Gigabit Industrial Ethernet Switch with a high relability and quality.

Features

- Supports 4000VDC ESD protection, 3000VDC surge protection and Overload protection
- Supports Redundant power input and P-Fail Relay
- Supports 12 ～ 48VDC wide range power input and Power polarity reverse protection
- Supports Wide operating temprature between -10 ～ 60℃
- Provides Slim size and Two mounting method (DIN-rail&wall)
- Supports Auto MDI/MDI-x, Jumbo frame transmission, Store-and-forward and Broadcast storm protection

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	37×140.3×95.3 [mm]
Mass	0.68 [kg]
Standard Price	

Contact

Diatrend Corporation
<URL> http://www.diatrend.com/
<URL> http://www.diatrend.com/network/deh-gtx8/index.htm
<URL> http://www.diatrend.com/network/deh-gtx8/spec.htm
<E-mail> info@diatrend.co.jp

Industrial Ethernet Switching Hub DEH-GTX8C

This is 8-port Gigabit Industrial Ethernet Switch with a high relability and quality.

Features

- Vertical two rows of network port to save space
- Supports 12 ~ 48VDC wide range power input and Power polarity reverse protection
- Supports Wide operating temprature between -25 ~ 70℃
- Provides Slim size and Corresponds to DIN-rail
- Supports 4000VDC ESD protection, 2000VDC surge
- Supports Auto MDI/MDI-X, Jumbo frame transmission, Store-and-forward

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	43×110×84[mm]
Mass	0.43[kg]
Standard Price	

Contact

<URL> http://www.diatrend.com
<URL> http://www.diatrend.com/network/deh-gtx8c/index.htm

Diatrend Corporation | CC-Link IE Field | Wiring parts

Industrial Ethernet Switching Hub DEH-GTX5C

This is 5-port Gigabit Industrial Ethernet Switch with a high relability and quality.

Features

- Very compact size and space saving of control box is possible
- Supports 12 ~ 48VDC wide range power input and Power polarity reverse protection
- Supports Wide operating temprature between -25 ~ 70℃
- Provides Slim size and Corresponds to DIN-rail
- Supports 4000VDC ESD protection, 2000VDC surge
- Supports Auto MDI/MDI-X, Jumbo frame transmission, Store-and-forward

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	26×95×70[mm]
Mass	0.27[kg]
Standard Price	

Contact

Diatrend Corporation
<URL> http://www.diatrend.com
<URL> http://www.diatrend.com/network/deh-gtx5c/index.htm
<E-mail> info@diatrend.co.jp

Industrial Gigabit Media Converters DMC-E1S1-C

This is Gigabit Industrial Media Converters with a high relability and quality.

Features

- Very compact size and space saving of control box is possible
- With SFP port, connectable to SFP module and optical fiber up to 70 km
- Support LPT and detect trouble
- Supports 12 ～ 36VDC wide range power input and Power polarity reverse protection
- Supports Wide operating temprature between -25 ～ 70℃
- Provides Slim size and Corresponds to DIN-rail
- Supports Auto MDI/MDI-X, Jumbo frame transmission, Store-and-forward

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	26×95×70[mm]
Mass	0.27[kg]
Standard Price	

Contact

Diatrend Corporation
TEL : 06-7777-9339
<URL> http://www.diatrend.com
<URL> http://www.diatrend.com/network/dmc-e1s1-c/index.htm
<E-mail> info@diatrend.co.jp

SPIDERⅡ Giga 5TX EEC

Industrial un-managed switching hub at entry level with easy setting and simple to install

Features

- Number of port: 5
- System requirements: -40℃～ 70℃ / 0% ～ 95%
- Operation voltage:9.6V ～ 32VDC
- Compact size mounting DIN rail

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	35×154×121 mm (W×H×D)
Mass	
Standard Price	

Contact

Hirschmann Automation and Control K.K.
TEL : 03-6848-6390
<E-mail> sales@hirschmann.co.jp

Slip Ring INDETH1000E compatible with CC-Link_IE_F (1Gbps)

Features

●- Internal sliding contacts: precious twin leg wires on gold plated rings.
- Positioning: horizontal or vertical.
- Mechanical speed: up to 100rpm.
- Housing: metallic, cylindrical or parallelepiped format.
- Protection degree: up to IP65.
- Ambient operating temperature: -20° C to +60° C (-4° F to 140° F).
- Options: mounting flanges, cable lenghts, integration with customized sections of power and signal.

Station type	
Number of stations occupied	
CC-Link version	CC-Link_IE_F (1Gbps)
External dimensions	Without flange and cable glands: .) cylindrical format: 129 (Ø)x256(H)mm ..) parallelepiped format: 180-220(W)x190(H)x 125-170(D)mm
Mass	≈3.5kg
Standard Price	

Contact

Conductix Wampfler China
Room 925-927 of Oriental Plaza ; No.1500 Century Avenue, Pndong ; Shangai 200122
TEL : +86(21)68407060
<URL> http://www.conductix.com/en
<E-mail> info.cn@conductix.com

Ha-VIS eCon 2000 unmanaged Ethernet Switch

Robust full Gigabit Ethernet Switch up to 7 ports, 27mm flat housing for DIN rail mounting

Features

●- Full Gigabit Ethernet, 5 / 7 x RJ45 ports
- Flat design with low installation depth of 27mm
- IP30 aluminium enclosures
- Industrial temperature range from -40° C up to +70° C, Commercial version from 0° C up to +50° C also available
- Wide range voltage supply, 24/48 V DC

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	5-port: W 60.0 x H 113.5 x D 27.3 mm (without terminal block) 7-port: W 120.0 x H 113.5 x D 27.3 mm (without terminal block)
Mass	275 g (5 port model), 486 g (7 port model)
Standard Price	

Contact

HARTING K.K.
TEL : 045-476-3456
<URL> http://www.HARTING.com
<URL> http://www.harting.com/en/unmanaged-ethernet-switches-ha-vis-econ/
<URL> http://www.eCatalogue.HARTING.com
<E-mail> jp@HARTING.com

Industrial Switching HUB NZ2EHG-T8

NZ2EHG-T8 is a compact-sized industrial switching HUB unit that is compliant with the IEEE802.3ab (1000BASE-T)/IEEE802.3u (100BASE-TX)/IEEE802.3 (10BASE-T)standards.

Features

- Compact-sized unit equipped with 8 ports capable of 1000BASE-T
- Auto MDI/MDI-X feature, auto-negotiation feature
- Automatic power adjusting function
- Flexible installation orientation
- Capable of running on a wide range of input voltages (12 to 24VDC)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	94(H)×39(W)×120(D)[mm]
Mass	0.36kg
Standard Price	お問い合わせ下さい

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | Wiring parts

Managed CC-Link IE switch NZ2MHG-T8F2

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

NSD's Slip-ring Baumcoupler® 3TEΦ17-12P-IE

The compact size (Φ43) and lightweight slip-ring "3TEΦ17-12P-IE" is compatible with the CC-Link IE communication, and the power and data can be transmitted simultaneously.

Features

- Compact size (Φ43×132)
- Transmits the power (24VDC 3A) and CC-Link IE data at same time!
- Permissible rotation speed: Max. 100r/min
  (Please ask NSD representative if the permissible rotation speed is needed 100r/min or more.)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Φ43X132, shaft diameter Φ17
Mass	Approx. 0.65kg (with 2m cable)
Standard Price	Please ask NSD representatives.

Contact

NSD Trading Corporation (NSD Group)
TEL : +81-52-261-2352
<URL> http://www.nsdcorp.com/
<E-mail> foreign@nsdcorp.co.jp

NSD Corporation | CC-Link IE Field | Wiring parts

NSD's Slip-ring Baumcoupler® 3TEΦ17-9P-IE

The compact size (Φ43) and lightweight slip-ring "3TEΦ17-12P-IE" is compatible with the CC-Link IE communication, and the power and data can be transmitted simultaneously.

Features

- Compact size (Φ43×132)
- Transmits the data via CC-Link IE communication!
- Supplies the power to the servo amplifier when Baumcoupler is combined with NSD slip-ring for the large current.
- Permissible rotation speed: Max. 100r/min
  (Please ask NSD representative if the permissible rotation speed is needed 100r/min or more.)

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	Φ43X132, shaft diameter Φ17
Mass	Approx. 0.5kg (with 2m cable)
Standard Price	Please ask NSD representative.

Contact

NSD Trading Corporation (NSD Group)
TEL : +81-52-261-2352
<URL> http://www.nsdcorp.com/
<E-mail> foreign@nsdcorp.co.jp

CentreCOM GS910 Series AT-GS910/5、AT-GS910/8、AT-GS910/16、AT-GS910/24

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	AT-GS910/5 160(W)× 105(D)× 35(H)mm AT-GS910/8 210(W)× 121(D)× 38(H)mm AT-GS910/16 263(W)× 179(D)× 38(H)mm AT-GS910/24 341(W)× 210(D)× 44(H)mm
Mass	AT-GS910/5 500g, AT-GS910/8 780g, AT-GS910/16 1.5kg, AT-GS910/24 2.1kg
Standard Price	

Contact

Allied Telesis K.K.
TEL : 0120-860442 (9:00 ～ 17:30 Monday through Friday)
<E-mail> Kokusai-Eigyou-S@allied-telesis.co.jp

Allied Telesis K.K. | CC-Link IE Field | Wiring parts

CentreCOM GS924XL

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	341(W)× 210(D)× 44(H)mm
Mass	2.1 kg
Standard Price	¥70,200

Contact

Allied Telesis K.K.
TEL : 0120-860442 (9:00 ～ 17:30 Monday through Friday)
<E-mail> Kokusai-Eigyou-S@allied-telesis.co.jp

CentreCOM IE200 Series AT-IE200-6GT AT-IE200-6GP

Features

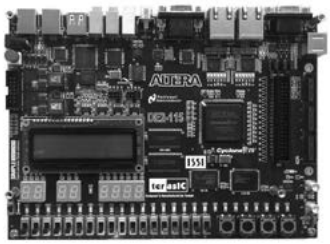
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Allied Telesis K.K.
TEL : 0120-860442 (9:00 ～ 17:30 Monday through Friday)
<E-mail> Kokusai-Eigyou-S@allied-telesis.co.jp

CC-Link IE Field IP Core ALT-CLIEFA-C4E

First design for FPGA,this IP is the equivalent of the CP220 CC-Link IE Field intelligent device ASIC.It supports both cyclic & transient data exchange,offloads the burden of CPU.



Features

- Design for ALTERA FPGA & industory 1st development.
- Equivalent to the CP220 CC-Link IE Field intelligent device ASIC,it supports both cyclic & transient data exchange.
- IP core can be controlled by the Nios® II soft-core CPU via the Avalon®-MM interface, using Altera's Qsys system.
- It's poissble to integrate this IP & user's own design into ALTERA FPGA which is widely used in the industrial equipment market.
- For more information of Industrial Ethernet for FPGA of Altera http://www.altera.com/end-markets/industrial/automation/ethernet/ind-ethernet.html

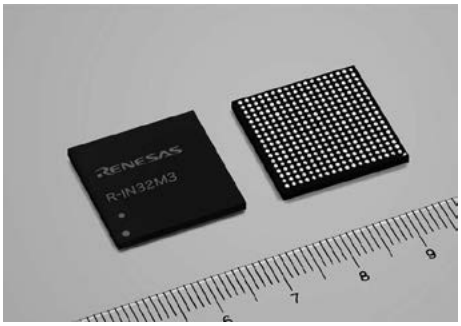
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Altima Corporation
Engineering, Solutions Group 1
Masahiko Sakai
TEL : 045-476-2195 FAX : 045-476-2093
<URL> https://www.altima.co.jp/inquiry/inquiry.html
<URL> http://www.altima.co.jp/en/index.html

R-IN32M3-CL Communication LSI for CC-Link IE Field

"R-IN32M3-CL" is industrial communication LSI that is able to develop the CC-Link IE Field unit easily. CC-Link IE Field units can be developed by "R-IN32M3-CL" built-in ARM Cortex-M3.



Features

- Providing the stable control with low fluctuation and low consumption operation by Real-time OS Accelerator.
- Providing the High-speed, large-capacity and low consumption communication by Ethernet Accelerator.
- Implementing the aplication by built-in ARM Cortex-M3 and large-size memory.
- Implementing CC-Link, 2port 1Gbps Ethernet MAC and various peripheral circuit (Timet, Watchdog Timer, CAN, UART, CSI, I2C).
- Supporting various Field-bus protocols and industrial Ethernet protocols via protocol stack provided by protocol vender.
- Providing the ARM developmet environment, evaluation board, sample software and sample driver as development tools

Station type	Inteligent device station
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

Renesas Electronics Corporation
1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan
TEL : +81-44-435-1499
<URL> http://www.renesas.com/
<URL> http://www.renesas.com/products/soc/assp/fa_lsi/multi_protocol_communication/r-in32m3/

Source code SW1DNC-EFI210SRC, Master Station Communication LSI CP210

The source code and the dedicated communication LSI CP210 allow you to develop a CC-Link IE Field Network master station without concern about protocol.

Features

- CP210 is a dedicated communication LSI for master stations of a CC-Link IE Field Network.
- CP210 allows you to perform cyclic transmission(RX/RY: 16384 bits each; RWr/RWw: 8192 words each) and transient transmission.
- The network can be wired into star topology, line topology, and a combination of star and line topologies.
- Parts are not particularly specified, allowing free parts selection.
- The source code can be customized in accordance with hardware specifications of user board and applications.
- The Source Code Development CD-ROM includes C-language source codes and circuit examples(PDF).

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

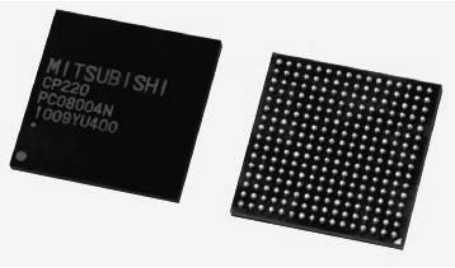
Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field | Parts built into devices

Intelligent Device Station Communication LSI CP220

The dedicated communication LSI CP220 allows you to develop CC-Link IE Field Network products without concern about protocol.



Features

- CP220 is a dedicated communication LSI for intelligent device stations of a CC-Link IE Field Network.
- CP220 allows you to perform cyclic transmission and transient transmission.
- CP220 automatically performs the communication functions, thereby enabling designs that employ low-performing MPUs as well.
- The CD-ROM that comes with the reference manual includes C-language sample codes and circuit examples(PDF).

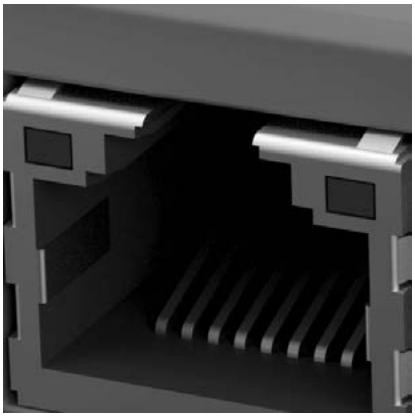
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

Anybus CompactCom M40 CC-Link IE Field (AB6609 / AB6709 without housing)

The Anybus CompactCom M40 for CC-Link IE Field is a complete communication module which enables your products to communicate on the gigabit CC-Link IE Field network. The module supports fast communication speeds, making it suitable also for high-end industrial devices.



Features

- Low latency
- Event-based interface method enables easy access to input and output data at any time
- Fast, event-based application hardware interfaces: 8/16-bit parallel and highspeed SPI. I/O (shift register interface) is also available.
- Example driver code and configuration file (CSP+) are provided by HMS

Station type	Intelligent device station
Number of stations occupied	-
CC-Link version	-
External dimensions	52 x50 x22 [mm]
Mass	0.1 [kg]
Standard Price	Please contact us

Contact

HMS Industrial Networks K.K.
TEL : +81-45-478-5340
<URL> http://www.anybus.com
<E-mail> jp-sales@hms-networks.com

HMS INDUSTRIAL NETWORKS | CC-Link IE Field | Parts built into devices

AB4613 - Anybus-S CC-Link IE Field interface card

Anybus-S is an embedded gigabit CC-Link IE field interface card that contains the functionality needed to turn an industrial device into a CC-Link IE Field intelligent device station

Features

- Acts as a CC-Link IE Field Network intelligent device station
- Up to 512 bytes of I/O data, distributed between bit and word data as desired
- Up to 1536 bytes of parameter data
- Baud rate 1 Gbit fixed
- Possibility to customize Vendor Code, Model Code and Version via application interface
- Single 5V power supply - credit card sized

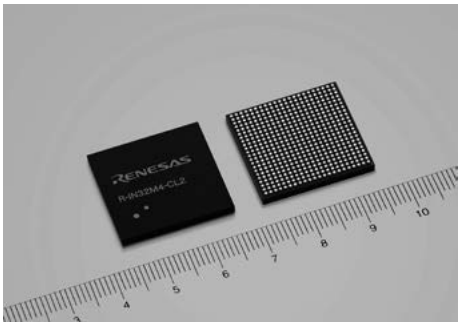
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	86 x 9.4 x 54 [mm]
Mass	0.2 [kg]
Standard Price	

Contact

TEL : +81 45 478 5340
<URL> http://www.anybus.com/
<URL> http://www.anybus.com/products/products.asp?PID=485&ProductType=Anybus-S
<E-mail> jp-sales@hms-networks.com

R-IN32M4-CL2

The R-IN32M4-CL2 contains built-in Gigabit PHY in addition to our featured R-IN engine available in the series family, providing the optimal solution to bring high performance CC-Link IE Field network protocol to industrial equipments.



Station type	Intelligent Device Station
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Features

●The network performance of CC-Link IE Field has been proven effective in the 4th industrial revolution, where various sensors and actuators are connected. By combining CC-Link IE Field with our proposed R-IN engine, we bring high level of intelligence to end devices, providing significant improvement further to the industrial networks.

With the embedded Gigabit ethernet PHY in R-IN32M4, circuit design are made extremely easy since no Gigabit PHY related analog design is required, which can be quite troublesome in conventional hardware approach. Furthermore, with the addition of FPU, 8 channel of 10bit ADC and 16 channels of 16bit timers embedded to the CPU core, R-IN32M4 has greatly extended the family's application. Not only remote IO applications where the R-IN32M series exceeded, the new R-IN32M4 performs well in motor & sensor control, and even industrial network gateway applications.

Contact

Renesas Electronics Corporation
<URL> https://www.renesas.com/
<URL> https://www.renesas.com/products/factory-automation.html
<E-mail> rin32_support@lm.renesas.com

MELSEC iQ-R Series CPU Module R□CPU、R□ENCPU

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MELSEC-L series CPU Module L□CPU(-□)

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field Basic | PLC

MELSEC-Q series Universal Model High-speed type QCPU Q□UDVCPU, Universal Model Process CPU Q□UDPVCPU

Features

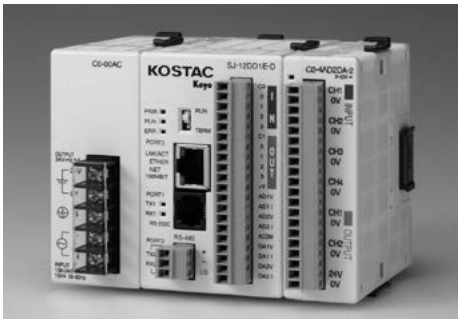
Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

KOYO ELECTRONICS INDUSTRIES CO., LTD. | CC-Link IE Field Basic | PLC

SJ-ETHER



Features

Station type	Slave
Number of stations occupied	1 ～ 4
CC-Link version	1
External dimensions	2.09" W × 3.32" H × 2.92" D (53.5mm W × 85.0mm H × 75.0mm D)
Mass	140 g ～ 160 g
Standard Price	Please contact us

Contact

Tokyo TEL : 042-341-3112
Nagoya TEL : 052-963-5031
Osaka TEL : 06-6647-2605
hiroshima TEL : 082-890-2211
Shikoku TEL : 087-869-2211
Overseas Offices TEL : 042-341-7711
<URL> http://www.koyoele.co.jp/english/index.html
<E-mail> sales-eng@koyoele.co.jp

Remote modules Screw terminal block NZ2MFB□-□

Block type remote I/O modules

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

GOT2000 Series GT21 model

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field Basic | HMI

GOT2000 Series GT2505 model

GOTとは、Graphic Operation Terminal(グラフィック オペレーション ターミナル)の略です。
従来、操作盤に取り付けていたハードウェア的なスイッチ、ランプなどをソフトウェアにより実現し、モニタ画面上でこれらの表示・操作が可能なタッチパネル付の表示器です。

Features

●高性能と低価格を両立したミドルレンジモデル。
5.7型 VGA 液晶で彩り鮮やか。
SDメモリカードを標準サポートし、Ethernet・RS422/485・USBホスト/デバイスを標準搭載しました。

Station type	スレーブ
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/
<URL> http://www.mitsubishielectric.co.jp/fa/products/hmi/got/items/got2000/index.html

Laser displacement sensor MH11

Features

Station type	
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333

The inverter with a built-in Ethernet communication function FR-A800-E

FR-A800-E is compatible with CC-Link IE Field Network Basic as standard.

Features

●The CC-Link IE Field Network Basic enables easy development of network communication using the general-purpose Ethernet-based technology.The integrated Ethernet communication function enables monitoring of the inverter's status or setting of parameters via Internet.

Station type	slave
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/
<URL> http://www.mitsubishielectric.co.jp/fa/products/drv/inv/index.html

MITSUBISHI ELECTRIC CORPORATION | CC-Link IE Field Basic | Inverter・Servo systems

The inverter with a built-in Ethernet communication function FR-E700-NE

FR-E700-NE is compatible with CC-Link IE Field Network Basic as standard.

Features

●The CC-Link IE Field Network Basic enables easy development of network communication using the general-purpose Ethernet-based technology.The integrated Ethernet communication function enables monitoring of the inverter's status or setting of parameters via Internet.

Station type	slave
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
서울특별시 강서구 양천로 401 강서한강자이타워 A동 9층
TEL : 02-3664-8333
<URL> http://www.mitsubishielectric.co.jp/fa/
<URL> http://www.mitsubishielectric.co.jp/fa/products/drv/inv/index.html

The inverter with a built-in Ethernet communication function FR-F800-E

FR-F800-E is compatible with CC-Link IE Field Network Basic as standard.

Features

●The CC-Link IE Field Network Basic enables easy development of network communication using the general-purpose Ethernet-based technology.The integrated Ethernet communication function enables monitoring of the inverter's status or setting of parameters via Internet.

Station type	slave
Number of stations occupied	
CC-Link version	
External dimensions	
Mass	
Standard Price	

Contact

현지법인한국미쓰비시전기오토메이션㈜
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Product List (Not listed)

For more information please contact the company.

Product category			Company name	Model number
CC-Link	Master	PLC	UNITEC Corp.	BACnet Gateway for CC-Link
	Slave	Digital I/O	Tianjin Sentinel Electronics Co., Ltd.	CC-Link I/O bus Module ELCL-IM16-0001
			Tianjin Sentinel Electronics Co., Ltd.	CC-Link I/O bus module ELCL-OM16-0001
			Toho Technology Corporation	Wireless Remote I/O Unit (CC-Link Interface)
			TOYO GIKEN CO., LTD.	AT1N Series AT1V Series CT1V Series CT1E Series
		Analog I/O	HAKARU PLUS CORPORATION	Electronic Multimeter XMZ-110-5、XMZ-110-6、XBZ-110
			HAKARU PLUS CORPORATION	Generator Dedicated Protector CSA-95A
			M-System Co., Ltd.	Electrical multi meter
		HMI	Hakko Electronics Co., Ltd.	Monitouch Techno Shot series
			Hakko Electronics Co., Ltd.	Monitouch V9 series (V906xiT/V907xiW/V908xiC/V908xiS/V910xiC/V910xiS/V910xiW/V912xiS/V915xiX)
		Load cell・Indicator	A&D Co., Ltd.	DIN Rail Weighing Module (AD-4430C)
			Shenzhen General Measure Technology Stock Co., Ltd	Weighting Indicator
		Sensor・Encoder	ELCO(TIANJIN) ELECTRONICS CO., LTD.	Spider67 CC-Link Gatway Unit
			Hefei Sineva Intelligent Machine Co.,Ltd.	Glass Mapping Sencor MP2068C
			Panasonic Industrial Devices SUNX Co., Ltd.	Sensor HS-7
		Solenoid valve	SMC CORPORATION	Step Motor Controller Correspond with CC-Link
			SMC CORPORATION	Electro-Pneumatic Regulator ITV
			CKD Corporation	Manifold electromagnetic valve small station
		Gateway	HAKARU PLUS CORPORATION	C2 series
			METIS	MT99DKS-GATEWAY mini
			SMC CORPORATION	Electric Actuator Controller for Gateway (GW) Unit
			SMC CORPORATION	Step Motor Controller Correspond with CC-Link LECP6C
			IAI Corporation	MCON Controller MCON-C-＊-CC-＊
		Robot	IAI Corporation	MSEL-PC-＊-＊＊＊＊＊＊-＊＊-CC=＊-4
			SEIKO EPSON CORPORATION	RC700 Robot Controller
			YAMAHA MOTOR CO.,LTD IM Operations	Linear Conveyor Controller LCC140
			YAMAHA MOTOR CO.,LTD IM Operations	YAMAHA ROBOT CONTROLLER RCX340
		PC	Hilscher GmbH	cifX90E-cc-ET-F
			MOLEX	SST-CCS-PCIE
		Miscellaneous	METIS	Analog Digital Converter
			IAI Corporation	SCON-CB
			Atlas Copco Tools AB	Power Focus 4000 W10, Tensor electric assembly tools controller PF4000-G-HW, PF4000-C-HW
			Canon ANELVA Corporation	Power control communication unit
		Process Device	ASAHI ENTERPRISE	CC-Link Controller (S-YU01)
			Fujikin Incorporated	Mass flow Control System FCST1000C2 Series
	Peripheral devices	Cables・connectors	KWANG-IL ELECTRIC WIRE CO., LTD.	CC-Link Cable Ver.1.10 Flexible Cable【Model type:C-Net(M)】
			Thomas Cable Co., Ltd.	CC-Link Cable THOMTRONIC-CCL(F)3C×20AWG
			Mitsubishi Electric System & Service Co., Ltd.	CC-Link Cable
			NITTA CORPORATION	Auto tool changer
CC-Link IE Field	Slave	Solenoid valve	SMC CORPORATION	SI Unit
		Inverter・Servo systems	Reliance Electric Limited	VZ7000
		Miscellaneous	TESSERA TECHNOLOGY INC.	TS-CP520
	SLMP compatible devices	PC	NEC Corporation	LifeTouch B Plus D000-000019-002/D000-000019-001
	Peripheral devices・others	Cables・connectors	Oring Industrial Networking Corp.	Industrial Ethernet Swith (Series:IGS/IGPS)
			Oring Industrial Networking Corp.	Industrial Ethernet Swith (Seris:IGS/IGPS/TGS/TGPS)
			Oring Industrial Networking Corp.	Industrial Ethernet swith(Series:RGS/RGPS/CPGS/DGS/IGPS/IGS/TGPS/TGS)
		Parts built into devices	MOLEX	CC-Link IE Slave PCI (SST-CCIE-S-PCU)

Wind River offers software platforms and services for the development of industrial units.

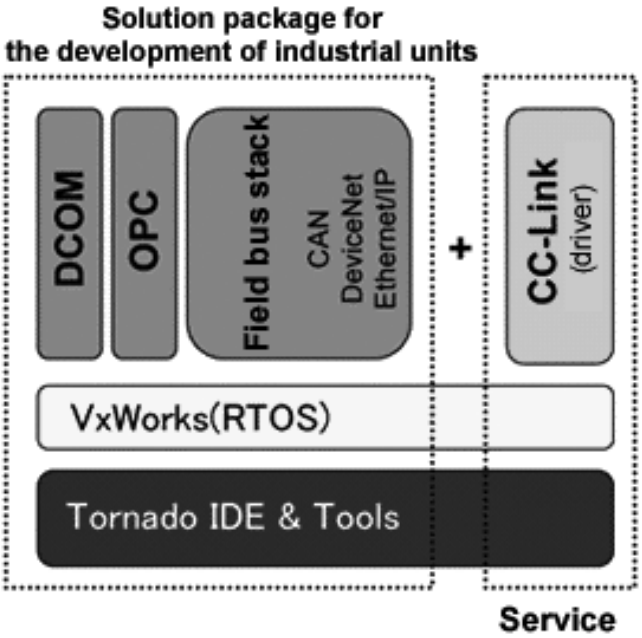
Industry's standard integrated development environment

Real-time OS VxWorks, development environment Tornado, and other industrial protocols are integrated.

Services

Developing CC-Link drivers and BPSs (board support packages)
Integration & customization, project outsourcing, technical consulting

Image diagram showing products and services offered

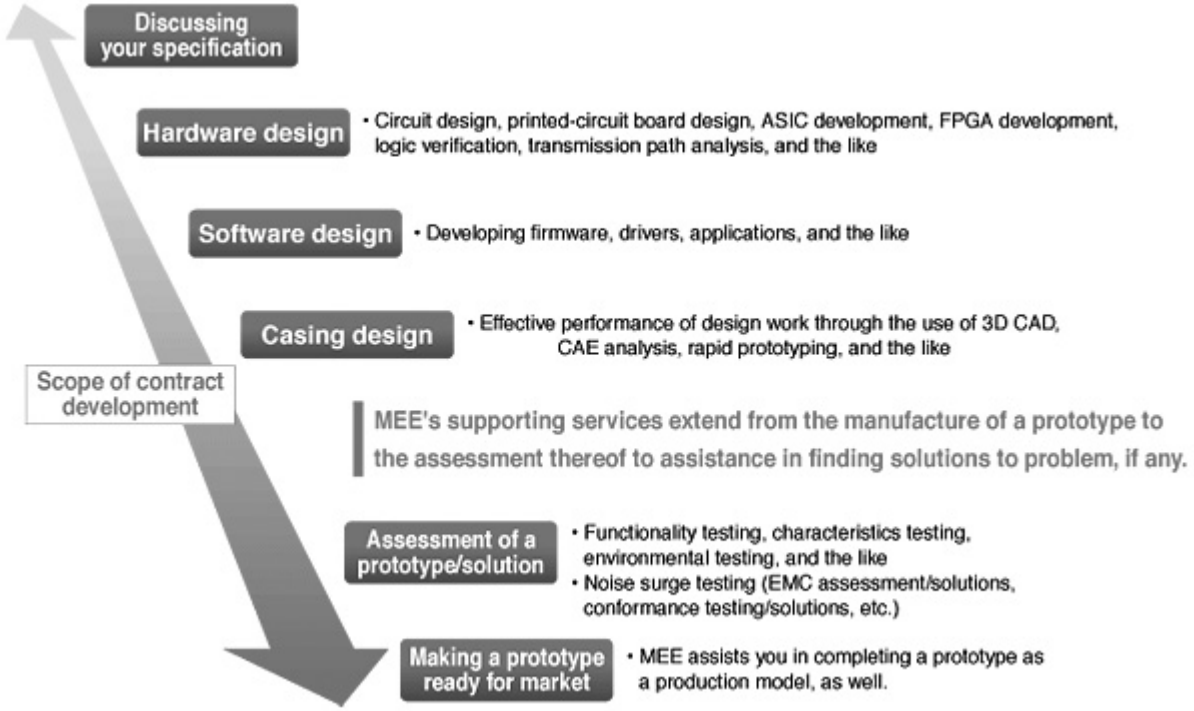


Contract Product Development Services for the CC-Link Partner Manufacturer

Mitsubishi Electric Engineering helps the member of CC-Link Partner Association to strengthen their CC-Link-compatible product lineups.

Description of Contract Development Services

You can take advantage of MEE' s product-creating expertise that has resulted from many years of work it did to develop the MELSEC Series of sequencers.



Products from contract development arrangement

MEE helps you add varied CC-Link-compatible interface boards, units and devices to your product lineup, on a contract basis.

- Solenoid valve
- Indicator
- Temperature controller
- Bar code
- FA PC I/F board
- LED indicators (including one for picking system)
- Gravimeter
- MFC (mass flow controller)
- Flowmeter
- Power meter
- cPCI bus board
- VME bus board
- PC104 bus board
- OA equipment-related product

For information about products other than those shown above, contact MEE for separate consultation.

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Contracted development of software programs for CC-Link Partner Association partner companies

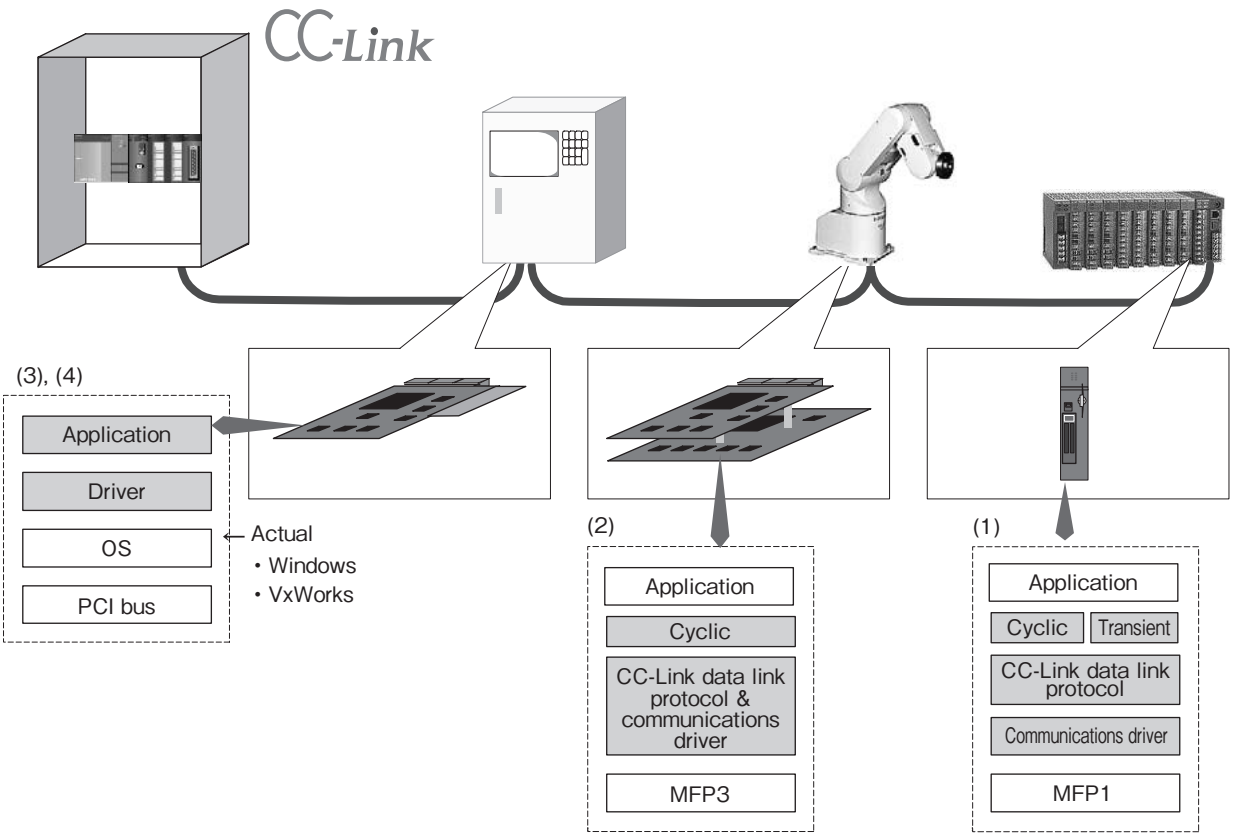
By contract, we develop various kinds of software programs for CC-Link related products and firmware including hardware.

Features

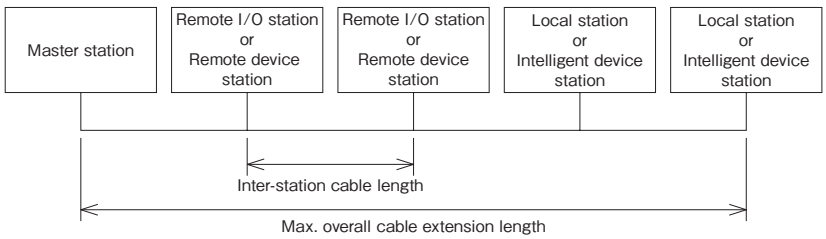
With accumulated technology and established reliability for over 20 years, Mitsubishi Electric mechatronics Software Corporation develops by contract CC-Link related products that meet the needs of our customers. Accredited by ISO 9001-2000, we develop, design and evaluate CC-Link related products with our excellent technology and consistent quality.

Our contracted activities include:

(1) Developing, designing and evaluating firmware for CC-Link master stations, local stations and intelligent stations;
(2) Developing, designing and evaluating firmware for remote device stations;
(3) Developing, designing and evaluating interface drivers for the CC-Link; and
(4) Developing, designing and evaluating software packages for the CC-Link.



CC-Link Specification

Item				Specification				
				Ver. 1.10	Ver. 2.00			
Control specification	The maximum number of link points	Remote I/O(RX, RY)		2048 points each	8192 points each			
		Remote register (RWr)		256 words	2048 words (Slave station to Master station)			
		Remote register(RWw)		256 words	2048 words (Master station to Slave station)			
	Extended cyclic setting			—	1 time setting	2 time setting	4 time setting	8 time setting
	The number of link points per unit	1 station occupied	RX, RY	32 points each		32 points each	64 points each	128 points each
			RWr, RWw	4 words each		8 words each	16 words each	32 words each
		2 stations occupied	RX, RY	64 points each		96 points each	192 points each	384 points each
			RWr, RWw	8 words each		16 words each	32 words each	64 words each
		3 stations occupied	RX, RY	96 points each		160 points each	320 points each	640 points each
			RWr, RWw	12 words each		24 words each	48 words each	96 words each
		4 stations occupied	RX, RY	128 points each		224 points each	448 points each	896 points each
			RWr, RWw	16 words each		32 words each	64 words each	128 words each
	The maximum number of occupied stations			4 stations				
Communication specification	Communication speed			10M / 5M / 2.5M / 625k / 156kbps				
	Communication system			Broadcast polling system				
	Synchronization system			Frame synchronization system				
	Encoding system			NRZI				
	Transmission path format			Bus format (EIA RS485 conformance)				
	Transmission format			HDLC conformance				
	Error control system			CRC ($X^{16}+X^{12}+X^{5}+1$)				
	Max. number of units connected			64 units				
	The number of slave station			1-64				
	Max. overall cable extension length and inter-station cable length							
	Connection cable			CC-Link Ver. 1.10 compatible cable (Shielded, 3-core twisted pair cable) * Mixture of different brand cables is possible only when they are all Ver. 1.10 compatible cables.				

CC-Link Ver. 1.10 compatible cable (Using 110Ω terminators)

Communication speed	inter-stationcable length	Max. overall cable extension length
156Kbps	20 cm or longer	1200m
625Kbps		900m
2.5Mbps		400m
5Mbps		160m
10Mbps		100m

If a system uses modules compatible with Ver. 1.00, 1.10 and Ver. 2.00, and cables compatible with Ver. 1.00 and 1.10, then follow the Ver. 1.00 specification for maximum overall cable extension length and inter-station cable length.

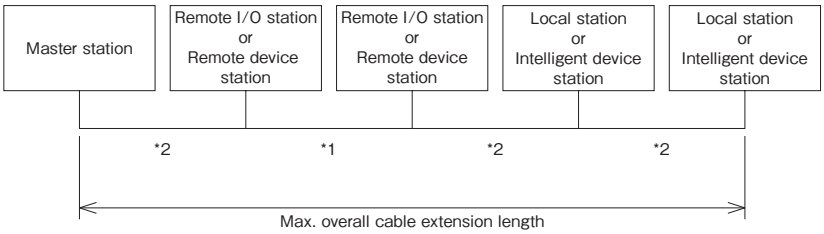
Difference between CC-Link Ver.1.10 and Ver.2.00 in the number of connected units

	Number of units connected
Ver.1.10	Max. 64 stations. But it should satisfy the conditions below 1. Number of all stations a+b×2+c×3+d×4≤64 a : Number of units that occupies 1 station, b : Number of units that occupies 2 stations c : Number of units that occupies 3 stations, d : Number of units that occupies 4 stations 2. Number of units connected 16×A+54×B+88 C≤2304 A : Number of remote I/O station units ····· Max. 64 units B : Number of remote device station units ····· Max. 42 units C : Number of local station, stand by master station and intelligent device station units ···· Max. 26 units
Ver.2.00	Max. 64 stations. But it should satisfy the conditions below 1. Number of all stations (a+a2+a4+a8)+(b+b2+b4+b8)×2+(c+c2+c4+c8)×3+(d+d2+d4+d8)×4≤ 64 2. Total number of remote I/O points (a×32+a2×32+a4×64+a8×128)+(b×64+b2×96+b4×192+b8×384) +(c×96+c2×160+c4×320+c8×640)+(d×128+d2×224+d4×448+d8×896)≤ 8192 3. Total number of remote register points (a×4+a2×8+a4×16+a8×32)+(b×8+b2×16+b4×32+b8×64) +(c×12+c2×24+c4×48+c8×96)+(d×16+d2×32+d4×64+d8×128)≤ 2048 a : The number of units with 1 station occupied and 1 time setting b : The number of units with 2 stations occupied and 1 time setting c : The number of units with 3 stations occupied and 1 time setting d : The number of units with 4 stations occupied and 1 time setting a2: The number of units with 1 station occupied and 2 times setting b2: The number of units with 2 stations occupied and 2 times setting c2: The number of units with 3 stations occupied and 2 times setting d2: The number of units with 4 stations occupied and 2 times setting a4: The number of units with 1 station occupied and 4 times setting b4: The number of units with 2 stations occupied and 4 times setting c4: The number of units with 3 stations occupied and 4 times setting d4: The number of units with 4 stations occupied and 4 times setting a8: The number of units with 1 station occupied and 8 times setting b8: The number of units with 2 stations occupied and 8 times setting c8: The number of units with 3 stations occupied and 8 times setting d8: The number of units with 4 stations occupied and 8 times setting 4. Number of units connected 16×A+54×B+88×C≤ 2304 A : Number of remote I/O station units ····· Max. 64 units B : Number of remote device station units ····· Max. 42 units C : Number of local station, stand by master station and intelligent device station units ····· Max. 26 units *In the case of units compatible with Ver. 1, the number is calculated with one time setting.

CC-Link Ver. 1.00 model (differences from Ver. 1.10)

There are two differences in specifications between CC-Link Ver. 1.10 and Ver. 1.00 as shown below.

- Max. overall cable extension length and inter-station cable length
- Connection cable

Item	Specification
Max. overall cable extension length and inter-station cable length	 *1: Inter-station cable length between remote I/O or remote device stations *2: Inter-station cable length between the master station and a local station or between an intelligent device station and the precedingor following station CC-Link Ver. 1.10 compatible cable (Using 110Ω terminators)

Communication speed	inter-stationcable length *1	inter-stationcable length *2	Max. overall cable extension length
156Kbps	30 cm or over	1 m or over (A) / 2 m or over (B)	1200 m
625Kbps			600 m
2.5Mbps			200 m
5Mbps	30 cm to 59 cm*		110 m
	60 cm or over		150 m
10Mbps	30 cm to 59 cm*		50 m
	30 cm to 59 cm*		80 m
	1 m or over		100 m

(A): 1 m or longer: In the case of a system comprising only remote I/O or remote device stations
(B): 2 m or longer: In the case of a system comprising local and intelligent device stations
*: If even a cable between remote I/O or remote device stations is to be wired within this range, the maximum overall cable length shown above applies.

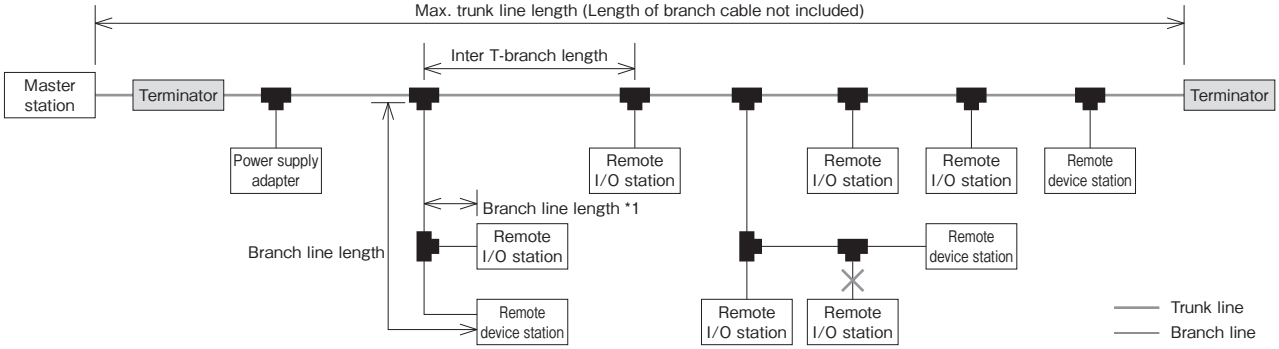
Connection cable	CC-Link Ver. 1.10 compatible cable (Shielded, 3-core twisted pair cable) * Cables of different manufacturers cannot be used together.

CC-Link/LT specification

				4-point mode	8-point mode	16-point mode
CC-Link/LT specification	Max. number of link points			256 points (512 points) *	512 points (1024 points) *	1024 points (2048 points) *
	Number of link points per station			4 points (8 points) *	8 points (16 points) *	16 points (32 points) *
	Link scan time (ms)	When 32 stations are connected	Number of points	128 points	256 points	512 points
			2.5Mbps	0.7	0.8	1.0
			625Kbps	2.2	2.7	3.8
			156Kbps	8.0	10.0	14.1
		When 64 stations are connected	Number of points	256 points	512 points	1024 points
			2.5Mbps	1.2	1.5	2.0
			625Kbps	4.3	5.4	7.4
			156Kbps	15.6	20.0	27.8
Communication specification	Communication speed			2.5 Mbps/625 kbps/156 kbps		
	Communication system			BITR method (Broadcastpolling + Interval Timed Response)		
	Transmission path format			T-branch format		
	Error control system			CRC		
	Max. number of units connected			64 units		
	Slave station number			1 to 64		
	Max. number of connected modules to branch line			8 units / Branch		
	Inter station length			Unlimited		
	Inter T-branch length			Unlimited		
	Master station connection position			Connected to the end of the main line.		
	RAS function			Network diagnosis, internal loopback diagnosis, slave station disconnection, and automatic return		
	Connection cable			Dedicated flat cable (0.75mm^2×4), Dedicated high flexible cable (0.75mm^2×4), VCTF cable (JIS C 3306 conformance, 0.75mm^2×4)		

* This is the address numbers of link s in case of using the same address numbers for input and output.

● CC-Link/LT wiring specification



Item	Specification			Remarks
Communication speed	2.5 Mbps	625 Kbps	156 Kbps	
Inter station length	Unlimited			
Max. number of connected modules to branch line	8 units / Branch			
Max trunk line length	35 m	100 m	500 m	Cable length between terminators (Length of branch cable not included)
Inter T-branch length	Unlimited			
Max. branch line length	4 m	16 m	60 m	Overall cable length for one branch line
Ovarall branch line length	15 m	50 m	200 m	Overall length of all the branch lines

・Branch lines can be used together with dedicated flat cables, VCTF cables or cables exclusively for movable portions.
・Different types of cables cannot be used together within the main line.
・Different types of cables cannot be used together within the same branch line.
・Install the master station at either end of the main line.
・Install a terminating resistor within 20 cm from the master station.
*1 : Include the length of any branch from any branch line in the overall branch line length.
*2 : Branch lines cannot be wired from any branch line.

CC-Link Safety specification

Specifications		
	Ver. 1.12 (CC-Link Safety)	Ver. 1.00 (Reference)
Communication speed	10M/5M/2.5M/625K/156Kbps	
Communication method	Broadcast polling	
Synchronization method	Frame synchronization method	
Encoding method	NRZI	
Transmission path format	Bus format (EIA RS485 compliant)	
Transmission format	HDLC compliant	
Error control system	CRC16 ($X^{16}+X^{12}+X^{5}+1$)	
	CRC32[*1]	—
Maximum number of link points	S-RY: 2,048 bits S-RX: 2,048 bits S-RWw: 128 words S-RWr: 128 words Note: When the system configuration includes standard stations, the maximum number of safety station link points decreases. (Refer to the next page.)	RY: 2,048 bits RX: 2,048 bits RWw: 256 words RWr: 256 words
Number of link points per module	Refer to Table 5.7.	Refer to Table 5.8.
Maximum number of occupied stations	2 stations	4 stations
Transient transmission (per 1 LS)	Not applicable	960 bytes, maximum [150 byte M[*2] ID/L[*3]], 34 bytes (ID/L M)]
Number. of connected modules	(1×a)+(2×b)+(3×c)+(4×d)≤ 64 stations a: No. of modules with 1 occupied station, b: No. of modules with 2 occupied stations, c: No. of modules with 3 occupied stations, d: No. of modules with 4 occupied stations	
	(16×A)+[54×(B+D+E)]≤ 2,304 A: No. of standard remote I/O stations B: No. of standard remote device stations D: No. of safety remote I/O stations E: No. of safety remote device stations Note: With a configuration of safety stations only, the maximum number of connected stations is 42.	(16×A)+(54×B)+(88×C)≤ 2,304 A: No. of standard remote I/O stations B: No. of standard remote device stations C: No. of standard local stations and standard intelligent device stations
Slave station numbers	1 to 64	
Cable	CC-Link dedicated cable (shielded 3-wire twisted pair cable)	

1: CRC32 generating polynomial: $X^{32}+X^{26}+X^{23}+X^{22}+X^{16}+X^{12}+X^{11}+X^{10}+X^{8}+X^{7}+X^{5}+X^{4}+X^{2}+X+1$
(identical to IEEE802.3)
2: Standard master station
3: Standard intelligent device station / Standard local station
Of the above-described specifications, the communication speed and number of connected modules do not necessarily require all the specification elements stated.

Table 5.6 Station Configuration and No. of Link Points (Example)

Station Configuration	No. of Link Points
Link points with only safety stations connected (Case 1) →32 safety stations (with 2 stations occupied for each) are connected	∗Link points of S-RY/S-RX: 64 bits x 32 modules = 2,048 bits ∗Link points of S-RWw/S-RWr: 4 words x 32 modules = 128 words
Link points with only safety stations connected (Case 2) →42 safety stations (with 1 station occupied for each) are connected	∗Link points of S-RY/S-RX: 32 bits x 42 modules = 1,344 bits ∗Link points of S-RWw/S-RWr: 0 word x 42 modules = 0 word
Link points with safety stations and standard stations →1 standard station and 30 stations (both with 2 stations occupied) are connected	∗Link points of S-RY/S-RX: 64 bits x 30 modules = 1,920 bits ∗Link points of RY/RX: 64 bits x 1 module = 64 bits ∗Link points of S-RWw/S-RWr: 4 words x 30 modules = 120 words ∗Link points of RWw/RWr: 8 words x 1 module = 8 words

Table 5.7 No. of Link Points per Safety Slave Station in CC-Link Safety (Ver.1.12, Ver.1.13)

Device	1 Occupied Station	2 Occupied Stations
S-RX/S-RY	32 bits each	64 bits each
S-RWw/S-RWr		4 words each

Table 5.8 No. of Link Points per Slave Station in CC-Link (Ver.1.10)

Device	1 Occupied Station	2 Occupied Stations	3 Occupied Stations	4 Occupied Stations
RX/RY	32 bits each	64 bits each	96 bits each	128 bits each
RWw/RWr	4 words each	8 words each	12 words each	16 words each

CC-Link IE Controller Network specification

Item			Specification
Max. number of link points per network		LB	32768 bits
		LW	131072 words
		LX	8192 bits
		LY	8192 bits
Max. number of link points per station		LB	16384 bits
		LW	16384 words
		LX	8192 bits
		LY	8192 bits
Communication speed			1 Gbps
Number of connected stations per network			Up to 120 stations
Max. number of networks			239
Max. number of groups			32
Optical cable	Optical fiber specifications		Optical fiber cable for 1000BASE-SX (MMF)
		Standard	IEC60793-2-10 Types A1a.1(50/125 μm multimode)
		Transmission loss (max.)	3.5 (dB/km) or less (λ=850 nm)
		Transmission band (min.)	500 (MHz・km) or more (λ=850 nm)
	Total length (total length of optical cable)		66 km (when 120 stations are connected)
	Distance between stations (max.)		550 m (core/clad = 50/125 (μm))
	Connector specifications		Duplex LC connector
		Standard	IEC61754-20: LC type connector
		Connection loss	0.3 (dB) or less
		Polished surface	PC polishing
	Transmission line type		Dual loop
Twisted pair cable	Communication medium		Shielded twisted pair cable (category 5e)
	Connector		RJ45 connector, M12 X-Code connector
	Distance between stations (max.)		100m

CC-Link IE Controller Networks achieve the communication speed of 1 Gbps. Here, the token method is adopted as the data transfer control method. The token method does not cause any collision of frames in the transmission path, improving the throughput of communication. Therefore, it is optimal for networks where regular schedule communication is required.

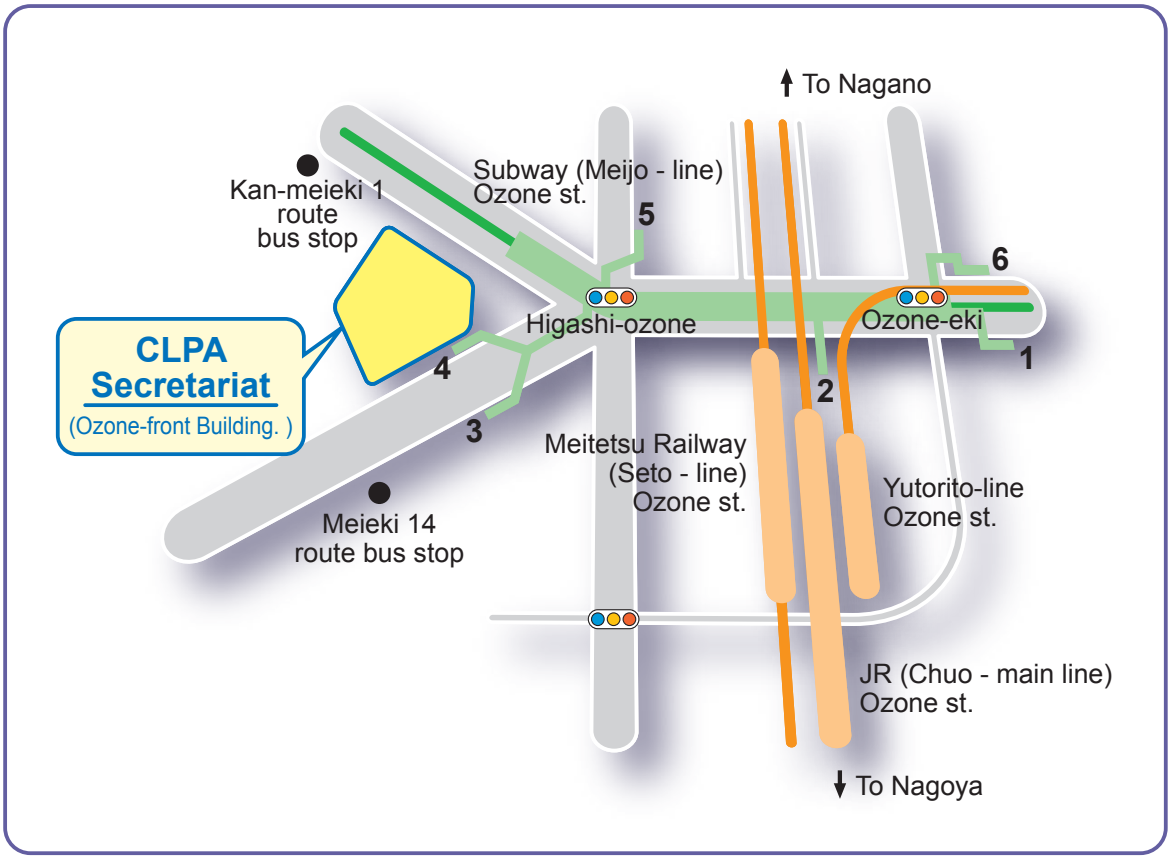
CC-Link IE Field Network specification

Item	Specification
Ethernet Standards	IEEE802.3ab (1000BASE-T) compliant
Communication speed	1Gbps
Communication media	Shielded twisted pair cable (Category 5e), RJ-45 connector
Communication control method	Token passing method
Topology	Line, star, ring
Maximum number of connected units	254 modules (total of master and slave stations)
Maximum station-to-station distance	100m
Cyclic communication (Master slave method)	Control signal (bit data): max. 32768 bits (4096 bytes) RX (slave → master): 16384 bits RY (master → slave): 16384 bits Control data (word data): Max. 16384 words (32768 bytes) RWr (slave → master): 8192 words RWw (master → slave): 8192 words
Transient communication (message communication)	Message size: Max. 2048 bytes

Outline specifications for CC-Link IE Field Network Basic

Item		Specification
Communication speed		100Mbps
Implementation method		Software
Connection form		Start (connection with switching hub)
Cable		Ethernet category 5e or higher
Max. number of connected stations per network (open specification)		64
Cyclic communication		Allowed
Max. number of link points/network	RX, RY	512 bytes each (4K points)
	RWr, RWw	4K bytes each (2K points)
Max. number of link points/station (More than one station can be occupied.)	RX, RY	8 bytes each (64 points) (fixed)
	RWr, RWw	64 bytes each (32 points) (fixed)
Link scan time (16 stations connected)		10ms
Transient transmission		Possible (max. 2K bytes)
Mix of communication protocols, TCP and IP		Allowed

http://www.cc-link.org



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