Anybus X-gateway – AB7841

Ethernet/IP Adapter/Slave - CC Link Slave

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 simple and is carried out using the RS232 configuration port and a standard terminal interface on a PC, such as Hyper Terminal for Windows.

The Ethernet interface consists of an embedded Ethernet/IP 10/100 Mbit/s interface with IT functionality such as WEB-server, SSI-scripts, Flash file system, FTP-server, Email client, Telnet etc. It is possible to build web pages displaying and controlling a factory floor process with data from the other connected network. It is built on a dedicated 32 bit RISC micro processor (+60 mips) ensuring fast and secure Ethernet performance. The EtherNet/IP interface module is certified by the ODVA and has proven conformance and interoperability with leading PLC´s, HMI´s etc

The CC-Link interface is a slave module for the CC-Link fieldbus system. It contains all the functionality needed to turn an application into a complete CC-Link remote device and it is configured to use the generic PLC profile. The CC-Link interface module is certified by the CLPA organisation and has proven conformance and interoperability with leading PLC´s, HMI´s etc

KEY FEATURES

■ Ethernet 10/100 Mbit/s twisted pair RJ45 connection
■ TCP/IP settings configurable with web-page, Configuration Tool, DHCP, ARP or with DIP switches
■ Ethernet/IP level 2 I/O Server CIP
■ 1.4 Mbyte storage space on Flash disk
■ Support for AnyBus IPconfig utility for easy TCP/IP set up
■ SSI scripts used for easy display/control of process data on webpages
■ Gateway diagnostics via WEB-pages
■ Uses up to 4 occupied stations on CC-Link - configurable size
■ Uses the CC-Link PLC profile for data exchange

TECHNICAL SPECIFICATIONS

Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC (±10%)
Temperature:	0-65°C
Current Consump:	max 300 mA
I/O Input:	Default 20 bytes, max 64 bytes (max 128 I/O-points and 16 words on CC-Link)
I/O Output:	Default 20 bytes, max 64 bytes (max 128 I/O-points and 16 words on CC-Link)
Mech Rating:	IP20/Nema1
Config Method:	Windows Hyper Terminal
UL certification:	E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP

	A, B, C, D, Temp Code T4
ATEX certification:	ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
Power supply connector:	2-pole 5.08 mm Phoenix pluggable screw connector
Ethernet/IP baudrate:	10/100 Mbit/s autodetect
Ethernet connector:	RJ45
Ethernet/IP address:	Any valid IP-address
Ethernet/IP config.:	Configured by EtherNet/IP Scanner via EDS file (provided by HMS)
CC-Link baudrate:	156kbps to 10Mbps
CC-Link address:	Station 1-64
CC-Link connector:	5-pole 5.08 mm Phoenix pluggable screw connector
CC-Link config.:	Configured by CC Link Master via CSP Config file (provided by HMS)
Price Group:	C
Order Code:	AB7841