



Facts

General description

Part number	100-0974
Life cycle status	Active
Warranty	2 year

Features

Protocol conversion	Yes
Cloud connectivity	Yes
HMI web server	Yes
Local data base storage	Yes
C# scripting	Yes
Alarm server	Yes

Certifications

General	CE, FCC, KCC
Hazardous	ULC1D2
Marine	LR, ABS, BV, DNV GL
Safety	UL 61010-2-201

Mechanical

Mounting option	DIN rail/mounting plate
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Power

Input voltage	24VDC (18-32V DC)
Power consumption (max)	5W
Input fuse	3,14 AT

Drivers

ABB - COMLI Master (5.7.2)
ABB - COMLI Slave (4.11.0)
ABB - TotalFlow (5.2.1)
Allen Bradley - ControlLogix Ethernet IP (4.24.1)
Allen Bradley - DF1 (5.8.0)
Allen Bradley - DH485 (4.6.2)
Allen Bradley - MicroLogix Ethernet (5.6.0)
Allen Bradley - SLC5/PLC5 Ethernet (5.4.0)
Altus - Alnet I (5.8.0)
Animatics - SmartMotor (5.2.1)

More drivers ▼

Smart Engineering Resources

BoX2 pro

High-performance protocol converter/IloT gateway/edge controller

Protocol conversion
 Cloud connectivity
 HMI and web server
 Local data base storage, alarm servers, data exchange, reporting, C# scripting
 UL/cUL Class I Division 2

System

CPU	i.MX6DualLite Dual Cortex-A9 1.0GHz 512kBL2cache
RAM	1 GB
FLASH	2GB SSD(eMMC), 1.5GB free for application

Serial communication

Number of serial ports	1 Port 9pin DSUB
Serial port 1	RS 232 (RTS/CTS)
Serial port 2	RS422/485
Serial port 3	RS 485

Ethernet communication

Number of Ethernet ports	2
Ethernet port 1	1x10/100 Base-T (shielded RJ45)
Ethernet port 2	1x10/100 Base-T (shielded RJ45)

Expansion interface

SD card	SD and SDHC
USB	1xUSB 2.0 500mA

Environmental

Operating temperature	-10°C to +60°C
Storage temperature	-20°C to +70°C
Shock	15g, half-sine, 11ms according to IEC60068-2-27
Vibration	1g, according to IEC 60068-2-6, Test Fc
Sealing front	IP20
Sealing back	IP20
Humidity	5% - 85% non-condensed
Altitude (max)	< 3000m

Lenze - LECOM A/B (5.6.0)
LS Industrial System - Glofa (5.3.0)
LS Industrial System - Master K (5.4.0)
Matsushita - MEWTOCOL-COM (5.9.2)
Mitsubishi Electric - Alpha2 (5.7.0)
Mitsubishi Electric - A-series (C24) (5.6.0)
Mitsubishi Electric - A-series (CPU) (5.10.0)
Mitsubishi Electric - A-series (E71) (5.4.0)
Mitsubishi Electric - Freqrol FR-A PLC (5.8.2)
Mitsubishi Electric - FX Series ADP/RD (5.10.0)