



Facts

General description

Part number	630009510
Life cycle status	Active
Warranty	2 year

Certifications

General	CE, FCC, UL 61010-2-201
Safety	UL 61010-1, UL 61010-2-201, CAN/CSA-C22.2 No. 61010-1, CAN/CSA-C22.2 No. 61010-2-201

Mechanical

Mechanical size	202 x 152 x 37mm
Mounting option	Panel Mount
Number of touches	1 million finger touch operations
Touch type	Resistive
Cut-out size	186 x 136mm
Weight	0.58 kg
Housing material	Plastic (PC+ABS), Gray
Buzzer	No
LED	No

Power

Input voltage	24 V DC (18 to 32 VDC) CE: The power supply has to be conform with the requirements according to IEC 60950 and IEC 61558-2-4. UL and cUL: The power supply has to be conform with the requirements for class II power supplies.
Power consumption (max)	7.2 W
Input fuse	Internal DC fuse

System

CPU	ARM Cortex A8 1000MHz
RAM	512 MB
FLASH	2 GB

X2 base 7 v2 HP

7" HMI with iX runtime

800 × 480 pixel (5:3)
TFT-LCD touch screen
2 × Ethernet, 6 × serial, 2 × USB as standard
Operating temperature -10° to +50° C
CE, FCC, UL approvals

Digital IO

Digital output	No
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Serial communication

Number of serial ports	2port9pinDsub, 1port3pinScrew
Serial port 1	RS 232 (RTS/CTS)
Serial port 2	RS422/485
Serial port 3	RS 485
Serial port 4	RS 232
Serial port 5	RS422/485
Serial port 6	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

Expansion port	No
SD card	Yes
USB	2

Environmental

Operating temperature	-10°C to +50°C
Storage temperature	-20°C to +60°C
Shock	15g, half-sine, 11ms according to IEC60068-2-27
Vibration	1g, according to IEC 60068-2-6, Test Fc
Sealing front	IP65, NEMA 4X/ 12 and UL 50E Type 4X/ 12
Sealing back	IP20
Humidity	5% – 85% non-condensed

Display

Size diagonal	7.0" diagonal
Resolution	800 × 480 pixel (5:3)
Backlight	LED Backlight
Backlight life time	20000 hours
Backlight brightness	400 cd/m ²
Backlight dimming	Industrial Dimming
Display type	TFT-LCD with LED backlight

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)

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/BD (5.10.0)

More drivers 

Smart Engineering Resources