Beijer
ELECTRONICS

X2 control 10

10" HMI with iX runtime and CODESYS soft control

1024 × 600 pixel (16:9) TFT-LCD touch screen
1.5 GB application memory
Ethernet 2x100 Mbit
EtherCAT as standard
CODESYS control integrated
CE, FCC, KCC, UL approvals
DNV, KR, GL, LR, ABS, CCS marine approvals

📖 Facts

General description

Part number	630001905
Part status	Active
Warranty	2 year

Certifications

General	CE, FCC, KCC, UL 61010-2-201
Marine	DNV, KR, GL, LR, ABS, CCS

Mechanical

Mechanical size	292 x 194 x 52mm
Mounting option	Panel Mount, VESA 75 x 75
Number of touches	1million finger touch operations
Touch type	Resistive
Cut-out size	275 x 177mm
Weight	1.65 kg
Housing material	Powder-coated aluminum, Gray

Power

Input voltage	24 V DC (18 to 32 VDC) CE: The power supply must conformwith the requirements according to IEC 60950 and IEC 61558-2-4. UL and cUL: The power supplymust conformwith the requirements for class II power supplies.
Power consumption (max)	21.6W
Input fuse	Internal DC fuse

System

CPU	i.MX6Quad, Quad ARMCortex-A9 1.0GHz 1MBL2cache
RAM	2 GB
FLASH	2GB SSD(eMMC), 1.5GB free for application

Display

Softcontrol

Codesys runtime version	3.5
Codesys EtherCAT	Yes
Codesys Modbus Ethernet	Yes
Codesys Modbus RTU	Yes
Non volatile variables	64 KB

Digital IO

Digital output	2xDO Solid state relay, 0.5A@24VDC

Communication serial

Number of serial ports	1 Port 9pin DSUB
Serial port 1	RS 232 (RTS/CTS)
Serial port 2	RS422/485
Serial port 3	RS485 (only if COM 2 is RS485)

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	Yes, ciX expansion module
SD card	SD and SDHC
USB	2xUSB 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	IP65, NEMA 4X/ 12 and UL Type 4X/ 12
Sealing back	IP20
	5% – 85% non-condensed