

Data sheet

Commercial Art.No.: 83.050.0002.0

HMI Touch Panel HMI-ECO-100

HMI Eco Touchpanel, 10" diagonal, TFT, 1024x600 Pixel, IP66 for frontside, 64 MB RAM, USB Host/Client, Ethernet, Modbus TCP, Programmable with the software hmiPLAN



Commercial Art.No.	83.050.0002.0
EAN	4049088468759
Order Unit	1

Certificates / Approvals



Technical data

Supply circuit

Min. rated supply voltage at DC	21.6 V
Max. rated supply voltage at DC	26.4 V
Voltage type	DC
Rated consumption DC	20 W

Dimensions

Width of the front	270.8 mm
Height of the front	212.8 mm
Build in depth	42.5 mm
Cutout Dimension Width	259.5 mm
Cutout Dimension Height	201.5 mm
Weight	1.1 kg

Classification

ECLASS 8.1	27242301
ETIM 7.0	EC001414
ETIM 6.0	EC001414
ETIM 5.0	EC001414
ETIM 4.0	EC001414

Display

Screen diagonal (Inch)	10.1
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Number of pixels, horizontal	1024
Number of pixels, vertical	600
Type of display	TFT Colour LCD with LED Backlight
Max. Colors	16-bit
Backlight Life in Hours	20000
Touch Technology	Resistive touch
CPU Typ	RISC ARM9 32 Bit
Max. main memory	64 MB

Technical data

Operating temperature min.	-10 °C
Operating temperature max.	60 °C
Storage temperature / transport max.	70 °C
Storage temperature / transport min.	-20 °C
relative humidity min.	10 %
relative humidity max.	90 %
Degree of protection (IP)	IP66
Degree of protection (NEMA)	4X
Number of HW-interfaces industrial Ethernet	1
Number of HW-interfaces RS232	1
Number of HW-interfaces RS422	1
Number of HW-interfaces RS485	4
Number of HW-interfaces USB	1
Supporting MODBUS protocol	Yes
Standards	EN61000-6-2, EN61000-6-4
Approvals	Yes
cooling	Natural Cooling with min. 50 mm distance to environment
Shock	50 G, 11 Ms, X, Y, Z Direction (EN 60068-2-27)
EMI	FCC Part 15 Class A
Real Time Clock	Yes
Battery Backed RAM	Yes
Vibration	10...55 Hz (IEC60068-2-64)
UL Certification	UL61010
ROHS Certification	Yes
Ethernet Protocols	ADS for TwinCAT3, Modbus TCP Slave, Modbus TCP Master, Ethernet IP, u.v.a.
Compatible PLC families	Siemens, Allen Bradley, Beckhoff, Wago, Schneider, u.v.a.
Operating Cycles	≥ 1000000
Power Supply Type	SELV (UL 508, UL 248)
Font Type	Taiwanese (traditional Chinese), Japanese (ANK, Kanji), Kyrilic, Korean, Chinese (simp. Chinese), ASCII (Europ front type)