

H588963

HMIGTO 5,7 TFT farve 240*320

Partnumber: HMIGTO2300

Wholesalernumber: 4523993

EAN 13 code: 3595864150239

advanced touchscreen panel 320 x 240 pixels QVGA- 5.7" TFT - 64 MB

Technical information

► Functional

display type	backlit colour TFT LCD
display resolution	320 x 240 pixels QVGA
touch sensitive zone	1024 x 1024
touch panel	resistive film, 1000000 cycles
brightness	16 levels - control by touch panel
	16 levels - control by software
character font	ASCII (European characters)
	Chinese (simplified Chinese)
	Japanese (ANK, Kanji)
	Korean
	Taiwanese (traditional Chinese)
local signalling	status LED (green)steady offline
	status LED (green)steady operating
	status LED (orange)flashing software starting up
	status LED (red)steady power supply (ON)
	status LED (clear)faded power supply (OFF)
	COM2 LED (yellow)steady data is being transmitted
	COM2 LED (yellow)faded no data transmission
	SD card LED (green)steady card is inserted
	SD card LED (green)faded card is not inserted or is not being accessed
memory description	64 MB flash (EPROM)
data backed up	128 kB internal RAM (SRAM)
type of cooling	natural convection

► Electrical

[Us] rated supply voltage	24 V DC
supply voltage limits	19.2...28.8 V V
inrush current	<= 30 A A
power consumption in W	<= 10.5 W
	<= 6.5 W (when power is not supplied to external devices)
	<= 4.5 W (when backlight is OFF)
	<= 5 W (when backlight is dimmed)

► Performance

backlight lifespan	50000 hours (white) at 25 °C
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► Connections

terminal type	touchscreen display
	COM1 serial link SUB-D 9, interface: RS232C, transmission rate: 2400...115200 bps
	COM2 serial link RJ45, interface: RS485, transmission rate: 2400...115200 bps
	COM2 serial link RJ45, interface: RS485, transmission rate: 187.5 kbps compatible with Siemens MPI
	USB 2.0 port USB type A
	USB 2.0 port mini B USB

integrated connection type

► Installation

product mounting	flush mounting
fixing mode	by 4 screw clamps

► Communication

downloadable protocols

Modbus Schneider Electric Modicon
third party protocols Mitsubishi Melsec
third party protocols Omron Sysmac
third party protocols Rockwell Automation Allen-Bradley
third party protocols Siemens Simatic
Uni-TE Schneider Electric Modicon
Modbus Plus Schneider Electric Modicon
FIPWAY Schneider Electric Modicon

► **Product identification**

range of product
product or component type
display colour
display size
supply
battery type

Magelis GTO
advanced touchscreen panel
65536 colours
5.7 inch
external source
lithium battery for internal RAM, autonomy: 100 days, charging
time = 5 d, battery life = 10 yr

► **Software**

software designation

Vijeo Designer configuration software >= V6.1

► **Physical characteristics**

front material
enclosure material
width
height
depth
product weight

PPT
PPT
169.5 mm mm
137 mm mm
59.5 mm mm
0.8 kg kg

► **Environment**

ambient air temperature for operation
ambient air temperature for storage
relative humidity
operating altitude
IP degree of protection

0...50 °C °C
-20...60 °C
10...90 % without condensation
< 2000 m

NEMA degree of protection

IP20 rear panel conforming to IEC 60529
IP65 front panel conforming to IEC 60529
NEMA 4X front panel (indoor use)

shock resistance

147 m/s² 3 chocs in each direction X, Y and Z conforming to EN/IEC
61131-2

vibration resistance

3.5 mm (f = 5...9 Hz) conforming to EN/IEC 61131-2 X, Y, Z
directions for 10 cycles (approx. 100 min)
1 gn (f = 9...150 Hz) conforming to EN/IEC 61131-2 X, Y, Z
directions for 10 cycles (approx. 100 min)

resistance to electrostatic discharge

6 kV contact discharge conforming to IEC 61000-4-2 level 3

► **Certifications and standards**

standards

EN 61131-2
IEC 61000-6-2
UL 508

product certifications

CE
C-Tick
cULus
KCC

Supplier information

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