Product data sheet Characteristics

HMIGTO5310

advanced touchscreen panel 640 x 480 pixels VGA- 10.4" TFT - 96 MB

Product availability: Stock - Normally stocked in distribution facility



Price*: 3400.00 USD



Main

Range of product	Magelis GTO			
Product or component type	Advanced touchscreen panel			
Display colour 65536 colours				
Display size 10.4 inch				
Supply	External source			
Operating system	Magelis			
Battery type	Lithium battery for internal RAM, autonomy: 100 days, charging time = 5 d, battery life = 10 yr			

Complementary

Main Range of product Magelis GTO Product or component type Advanced touchscreen panel Display colour 65536 colours Display size 10.4 inch Supply External source Operating system Magelis Battery type Lithium battery for internal RAM, autonomy: 100 days, charging time = 5 d, battery life = 10 yr Complementary Terminal type Touchscreen display Display type Backlit colour TFT LCD Display resolution 640 x 480 pixels VGA Touch sensitive zone 1024 x 1024 Touch panel Resistive film, 1000000 cycles Backlight lifespan 50000 hours (white) at 77 °F (25 °C) Brightness 16 levels - control by software Character font Japanese (ANK, Kanji) Chinese (simplified Chinese) Talwanese (traditional Chinese) Talwanese (traditional Chinese) Talwanese (traditional Chinese) Talwanese (irraditional Chinese)	ange of product Magelis GTO roduct or component type Advanced touchscreen panel isplay colour 65536 colours isplay size 10.4 inch upply External source perating system Magelis attery type Lithium battery for internal RAM, autonomy: 100 days, charging time = 5 d, battery life = 10 yr complementary erminal type Touchscreen display isplay type Backlit colour TFT LCD isplay resolution 640 x 480 pixes VGA ouch sensitive zone 1024 x 1024 ouch sensitive zone 1024 x 1024 ouch panel Resistive film, 1000000 cycles acklight lifespan 50000 hours (white) at 77 °F (25 °C) rightness 16 levels - control by touch panel haracter font Japanese (ANK, Kanji) Chinese (simplified Chinese) Taiwanese (traditional Chinese) Taiwanese (traditional Chinese) ASCII Korean Usl rated supply voltage 24 V DC upply voltage limits 19.228.8 V urush current <= 30 A		
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Power consumption in W <= 17 W	ower consumption in W <= 17 W <= 12 W (when power is not supplied to external devices) <= 7 W (when backlight is OFF)	Supply voltage limits	19.228.8 V
	<= 12 W (when power is not supplied to external devices) <= 7 W (when backlight is OFF)	Inrush current	<= 30 A
	<= 7 W (when backlight is OFF)	Power consumption in W	

 Q \M	(when	hacklight	is dimmed)

Local signalling	Status LED (orange) flashing software starting up Status LED (green) steady offline Status LED (green) steady operating 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
Software designation	Vijeo Designer configuration software >= V6.1
Memory description	96 MB flash (EPROM)
Data backed up	512 kB internal RAM (SRAM)
Data storage equipment	SD card <= 32 GB SDHC card <= 32 GB
Downloadable protocols	Modbus Plus Schneider Electric Modicon FIPWAY Schneider Electric Modicon Modbus TCP Schneider Electric Modicon 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
Integrated connection type	COM1 serial link SUB-D 9, interface: RS232C, transmission rate: 2400115200 bps COM2 serial link RJ45, interface: RS485, transmission rate: 2400115200 bps COM2 serial link RJ45, interface: RS485, transmission rate: 187.5 kbps compatible with Siemens MPI Ethernet RJ45, interface: 10BASE-T/100BASE-TX Ethernet RJ45, interface: IEEE 802.3 USB 2.0 type A USB 2.0 type mini B
Product mounting	Flush mounting
Fixing mode	By 4 screw clamps
Front material	PPT
Enclosure material	PPT
Type of cooling	Natural convection
Width	10.73 in (272.5 mm)
Height	8.44 in (214.5 mm)
Depth	2.24 in (57 mm)

Environment

Standards	EN 61131-2
	IEC 61000-6-2
	UL 508
Product certifications	CE
	C-Tick
	KCC
	cULus
Ambient air temperature for operation	32131 °F (055 °C)
Ambient air temperature for storage	-4140 °F (-2060 °C)
Relative humidity	1090 % without condensation
Operating altitude	< 6561.68 ft (2000 m)
IP degree of protection	IP20 rear panel conforming to IEC 60529
	IP65 front panel conforming to IEC 60529
NEMA degree of protection	NEMA 4X front panel (indoor use)
Shock resistance	147 m/s² 3 chocks in each direction X, Y and Z conforming to EN/IEC 61131-2
Vibration resistance	3.5 mm (f = 59 Hz) conforming to EN/IEC 61131-2 X, Y, Z directions for 10 cycles (approx. 100 min)
	1 gn (f = 9150 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

Ordering and shipping details

Category	22569 - MAGELIS XBT-GT (AND XBT-G)		
Discount Schedule	MC2		
GTIN	00785901395164		
Nbr. of units in pkg.	1		
Package weight(Lbs)	6.2599999999998		
Returnability	Υ		
Country of origin	CN		

Offer Sustainability

Sustainable offer status	Green Premium product			
RoHS (date code: YYWW)	Compliant - since 1348 - Schneider Electric declaration of conformity			
	Schneider Electric declaration of conformity			
REACh	Reference contains SVHC above the threshold - Go to CaP for more details			
	Go to CaP for more details			
Product environmental profile	Available			
Product end of life instructions	Available			

Contractual warranty

Warranty period	18 months

Product data sheet

HMIGTO5310

Dimensions Drawings

Dimensions

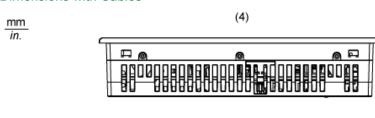
External Dimensions

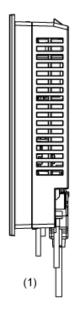
- 1 Front
- 2 Right Side
- 3 Тор

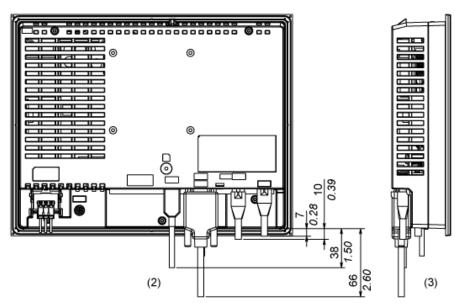
Installation with Installation Fasteners

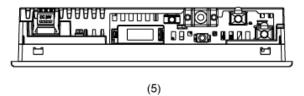
- 1 Left Side
- 2 Front
- 3 Right Side
- 4 Top
- 5 Bottom

Dimensions with Cables







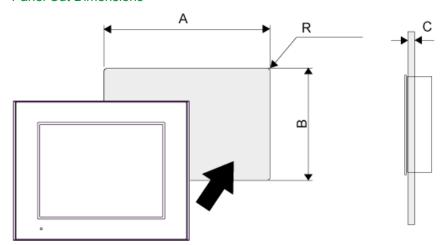


- Left Side
- 2 Rear
- 3 Right Side
- 4 Top
- 5 Bottom

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Mounting

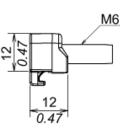
Panel Cut Dimensions



A		В		С		R		
	mm	in.	mm	in.	mm	in.	mm	in.
ĺ	259 (+1, -0)	10.20 (+0.04, -0)	201 (+1, -0)	7.91 (+0.04, -0)	1.65	0.060.2	3 max.	0.12 max.

Installation Fastener Dimensions







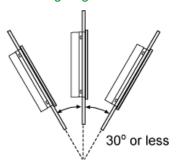


Product data sheet Mounting and Clearance

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Installation Requirements

Mounting Angle



When installing the panel in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan,A/C) to ensure the ambient operating temperature is 40°C or less (104 °F or less).

Clearance