HMIGTO2315
advanced touchscreen panel stainless 320 x 240 pixels QVGA- 5.7" TFT - 96 MB

Green Premium™ Product

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	Magelis GTO
Product or component type	Advanced touchscreen panel
Display colour	65536 colours
Display size	5.7 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
Provided equipment	1 protective cover

Complementary

Terminal type	Touchscreen display
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
Backlight lifespan	50000 hours (white) at 77 °F (25 °C)
Brightness	16 levels - control by touch panel 16 levels - control by software
Character font	Japanese (ANK, Kanji) Korean Chinese (simplified Chinese) ASCII Taiwanese (traditional Chinese)
[Us] rated supply voltage	24 V DC
Supply voltage limits	19.2...28.8 V
Inrush current	<= 30 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)
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: 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
	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 8 nuts
	By 4 L brackets
Front material	Stainless steel 304
Enclosure material	PPT
Type of cooling	Natural convection
Width	8.41 in (213.5 mm)
Height	7.13 in (181 mm)
Depth	2.34 in (59.5 mm)
Product weight	2.65 lb(US) (1.2 kg)

Environment

Standards	IEC 61000-6-2
	UL 508
	EN 61131-2
Product certifications	C-Tick
	KCC
	CULus
	CE
Ambient air temperature for operation	32...131 °F (0...55 °C)
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Relative humidity	10...90 % without condensation
Operating altitude	< 6561.68 ft (2000 m)
IP degree of protection	IP20 rear panel conforming to IEC 60529
	IP66K front panel conforming to IEC 60529
	IP66K front panel conforming to DIN 40050-9
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 = 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

Ordering and shipping details

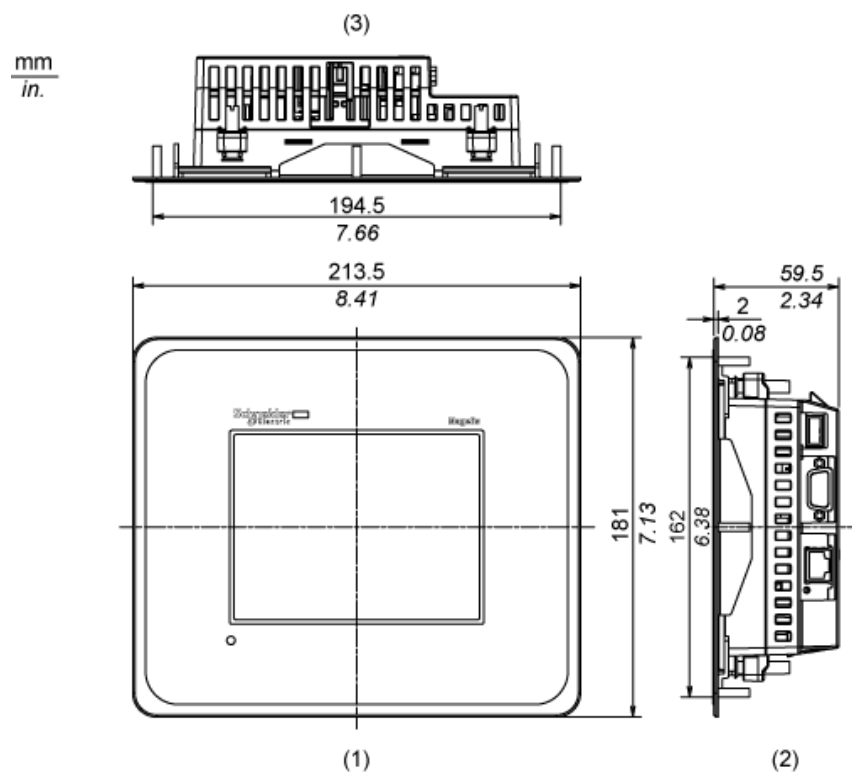| Category	22569 - MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	00785901713227
Nbr. of units in pkg.	1
Package weight(Lbs)	3.9700000000000002
Returnability	N
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1350 - Schneider Electric declaration of conformity ⬀ Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

Dimensions

External Dimensions

$\dfrac{mm}{in.}$

(3)

194.5
7.66

213.5
8.41

59.5
2.34

2
0.08

181
7.13

162
6.38

(1)

(2)

1   Front
2   Right Side
3   Top

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Installation with Installation Fasteners

$\dfrac{\text{mm}}{\text{in.}}$

(4)

210.5
8.29

194.5
7.66

213.5
8.41

181
7.13

(1)

(2)

59.5
2.34

2
0.08

162
6.38

178
7.01

(3)

(5)

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

Dimensions with Cables

mm
---
in.

(4)

(1)

42
1.65

14
0.55

PANEL

6
0.24

44
1.73

23
0.91

(2)

(3)

(5)
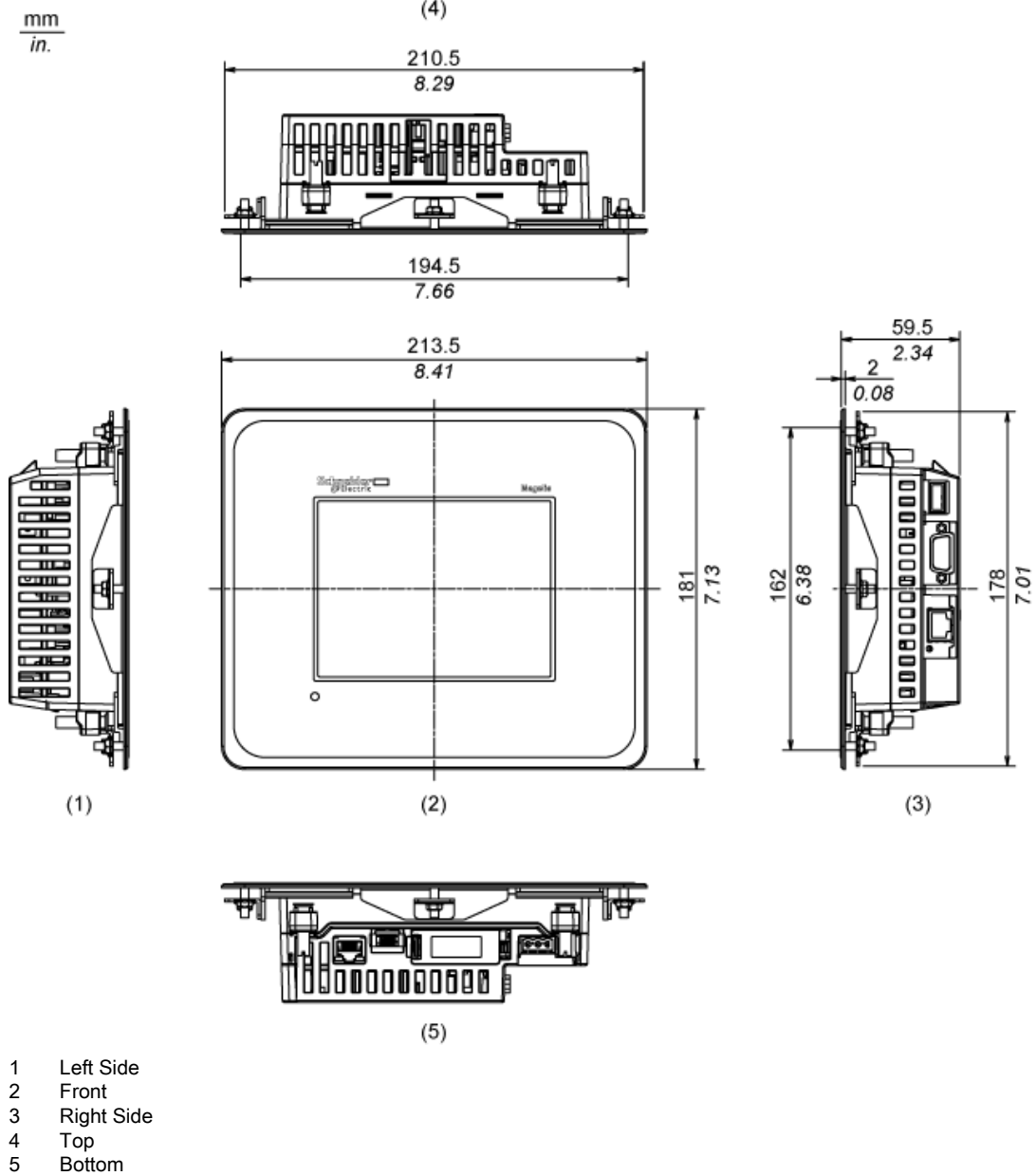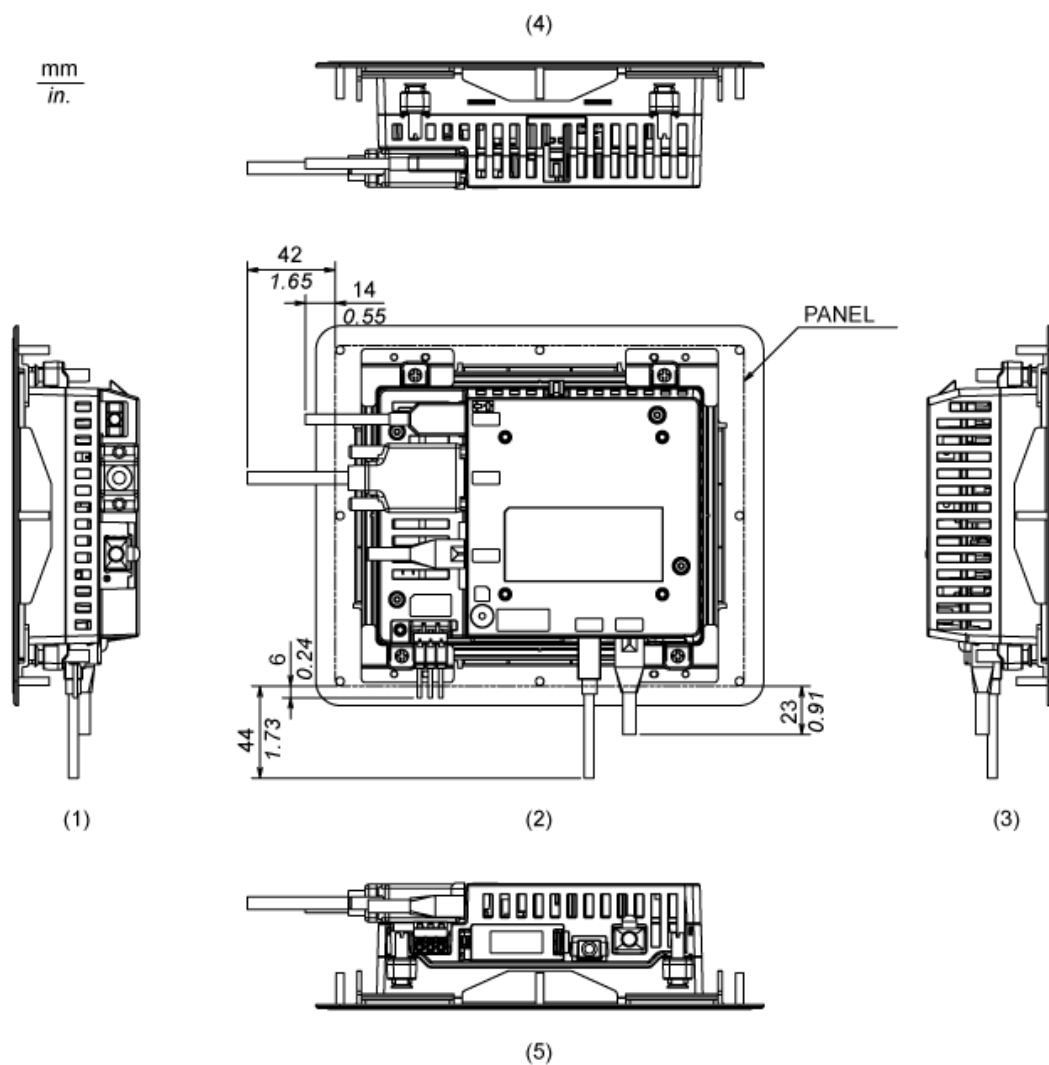
1   Left Side
2   Rear
3   Right Side
4   Top
5   Bottom

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Mounting

Panel Cut Dimensions
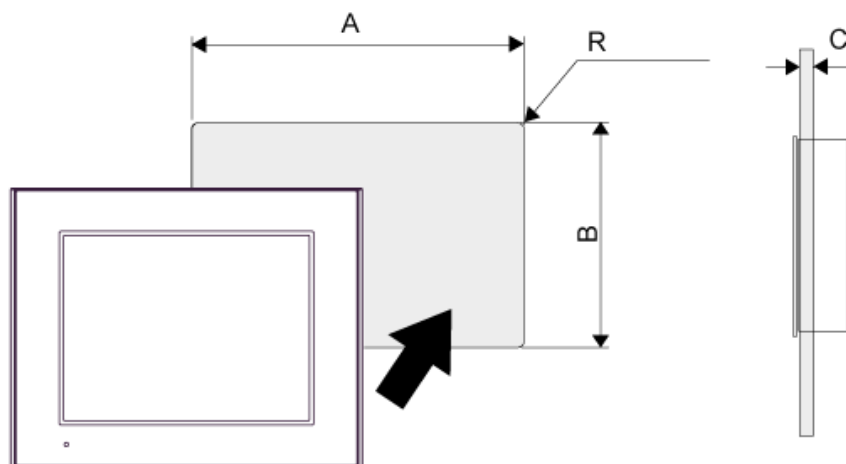
| A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
195 (+1, -0)	7.68 (+0.04, -0)	162.5 (+1, -0)	6.40 (+0.04, -0)	1.6...5	0.06...0.2	3 max.	0.12 max.

Installation Fastener Dimensions
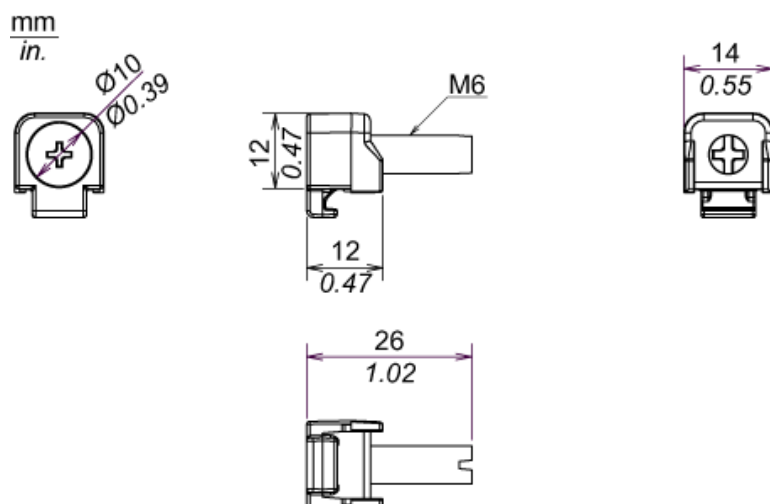
Installation Requirements

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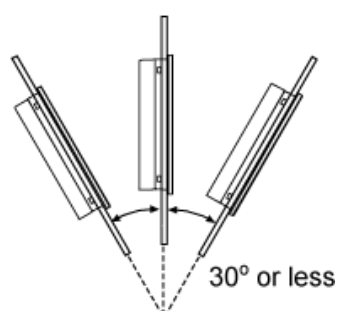
When installing the panel in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan,A/C) to ensure the ambient operating temperature is 40°C or less (104 °F or less).

Clearance

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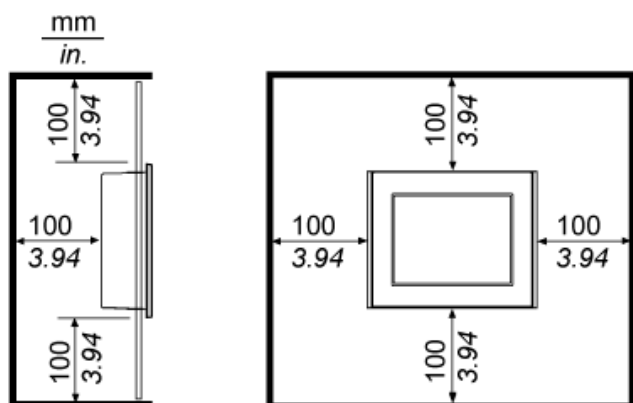
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