Product data sheet
Characteristics

HMIGTO1310
advanced touchscreen panel 320 x 240 pixels
QVGA- 3.5" TFT - 96 MB

Product availability : Stock - Normally stocked in distribution facility

Green Premium

Price* : 680.00 USD

Main

Range of product	Magelis GTO
Product or component type	Advanced touchscreen panel
Display colour	65536 colours
Display size	3.5 inch
Supply	External source
Control button type	Pushbutton, key type , marking: F1...F6, number of function keys = 6 (operation defined using Vijeo Designer)
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	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	Chinese (simplified Chinese) Korean ASCII (European characters) Japanese (ANK, Kanji) 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	<= 9.6 W

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	<= 5.2 W (when power is not supplied to external devices) <= 4.2 W (when backlight is OFF) <= 4.3 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)
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 RJ45, interface: RS232C/RS485, transmission rate: 2400...115200 bps COM1 serial link RJ45, interface: RS232C/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	5.2 in (132 mm)
Height	4.17 in (106 mm)
Depth	1.65 in (42 mm)
Product weight	0.88 lb(US) (0.4 kg)

Environment

Standards	EN 61131-2 UL 508 IEC 61000-6-2
Product certifications	CE cULus C-Tick KCC
Ambient air temperature for operation	32...122 °F (0...50 °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 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 = 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

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Ordering and shipping details

Category	22569 - MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	00785901164517
Nbr. of units in pkg.	1
Package weight(Lbs)	1.6300000000000001
Returnability	Y
Country of origin	ID

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 not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

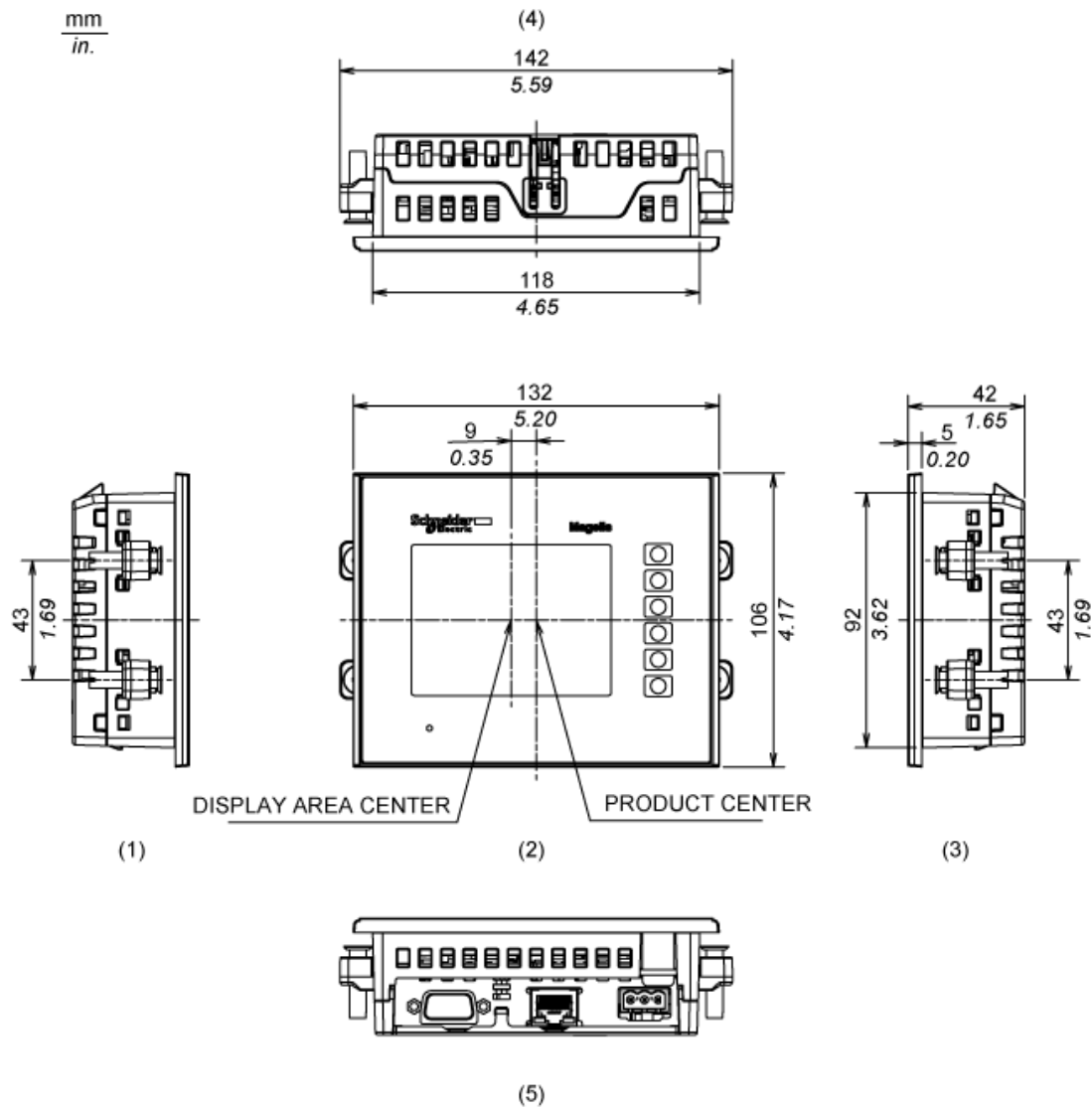## Contractual warranty

Warranty period	18 months

Product data sheet
Dimensions Drawings

HMIGTO1310

Dimensions

External Dimensions

1   Front
2   Right Side
3   Top

Installation with Installation Fasteners

DISPLAY AREA CENTER   PRODUCT CENTER

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

Dimensions with Cables

$\dfrac{mm}{in.}$

(4)

(1)

(2)

(3)

73
2.87

59
2.32

14 / 0.55

29 / 1.14

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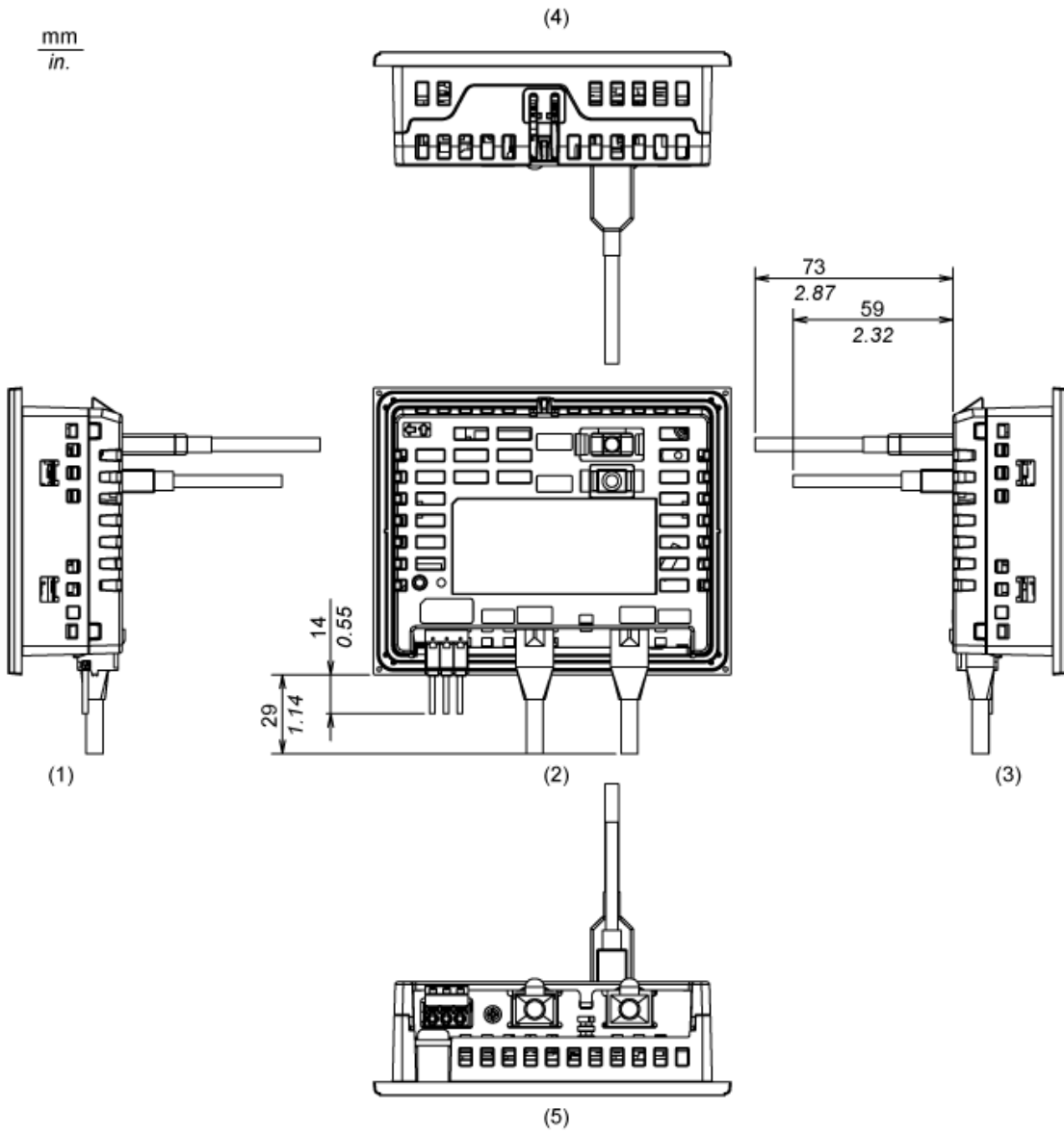
1 Left Side
2 Rear
3 Right Side
4 Top
5 Bottom

Mounting

Panel Cut Dimensions
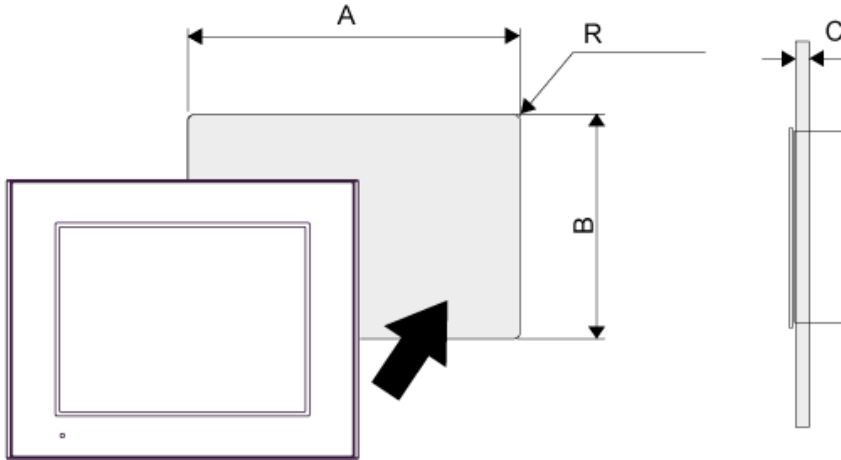
A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
118.5 (+1, -0)	4.67 (+0.04, -0)	92.5 (+1, -0)	3.64 (+0.04, -0)	1.6...5	0.06...0.2	3 max.	0.12 max.

Installation Fastener Dimensions
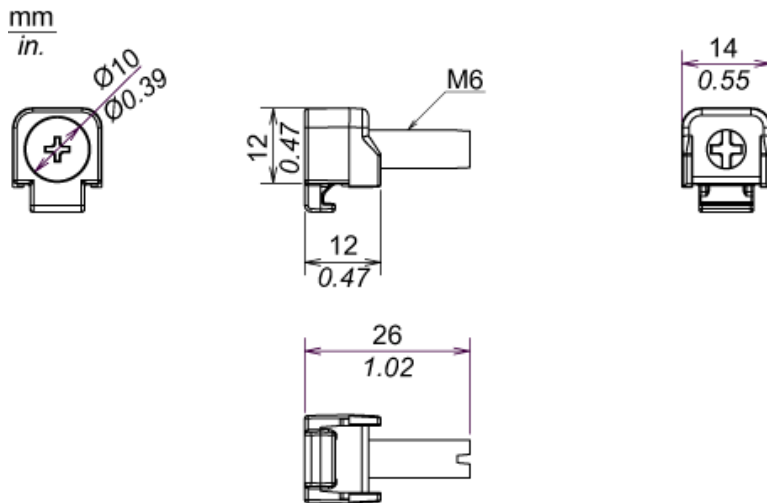
Installation Requirements

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

$$\frac{mm}{in.}$$