



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
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 25 °C
Brightness	16 levels - control by software 16 levels - control by touch panel
Character font	Japanese (ANK, Kanji) Chinese (simplified Chinese) Taiwanese (traditional Chinese) Korean ASCII
[Us] rated supply voltage	24 V DC
Supply voltage limits	19.2...28.8 V
Inrush current	<= 30 A
Power consumption in W	<= 7 W (when backlight is OFF) <= 8 W (when backlight is dimmed) <= 12 W (when power is not supplied to external devices) <= 17 W
Local signalling	Status LED (green) steady operating Status LED (orange) flashing software starting up

	COM2 LED (yellow) faded no data transmission Status LED (clear) faded power supply (OFF) SD card LED (green) faded card is not inserted or is not being accessed Status LED (red) steady power supply (ON) COM2 LED (yellow) steady data is being transmitted Status LED (green) steady offline SD card LED (green) steady card is inserted
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	SDHC card <= 32 GB SD card <= 32 GB
Downloadable protocols	Third party protocols Omron Sysmac Modbus TCP Schneider Electric Modicon Third party protocols Mitsubishi Melsec Uni-TE Schneider Electric Modicon Third party protocols Siemens Simatic Third party protocols Rockwell Automation Allen-Bradley FIPWAY Schneider Electric Modicon Modbus Schneider Electric Modicon Modbus Plus Schneider Electric Modicon
Integrated connection type	COM2 serial link RJ45, interface: RS485, transmission rate: 187.5 kbps compatible with Siemens MPI USB 2.0 port USB type A Ethernet RJ45, interface: 10BASE-T/100BASE-TX COM1 serial link SUB-D 9, interface: RS232C, transmission rate: 2400...115200 bps COM2 serial link RJ45, interface: RS485, transmission rate: 2400...115200 bps USB 2.0 port mini B USB Ethernet RJ45, interface: IEEE 802.3
Product mounting	Flush mounting
Fixing mode	By 4 screw clamps
Front material	PPT
Enclosure material	PPT
Type of cooling	Natural convection
Width	272.5 mm
Height	214.5 mm
Depth	57 mm
Product weight	2 kg

Environment

Standards	IEC 61000-6-2 EN 61131-2 UL 508
Product certifications	KCC CE cULus C-Tick
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	10...90 % without condensation
Operating altitude	< 2000 m
IP degree of protection	IP65 front panel conforming to IEC 60529 IP20 rear panel conforming to IEC 60529
NEMA degree of protection	NEMA 4X front panel (indoor use)
Shock resistance	147 m/s ² 3 chocks in each direction X, Y and Z conforming to EN/IEC 61131-2
Vibration resistance	1 gn (f = 9...150 Hz) conforming to EN/IEC 61131-2 X, Y, Z directions for 10 cycles (approx. 100 min) 3.5 mm (f = 5...9 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

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 environmental
Product end of life instructions	Available End of life manual

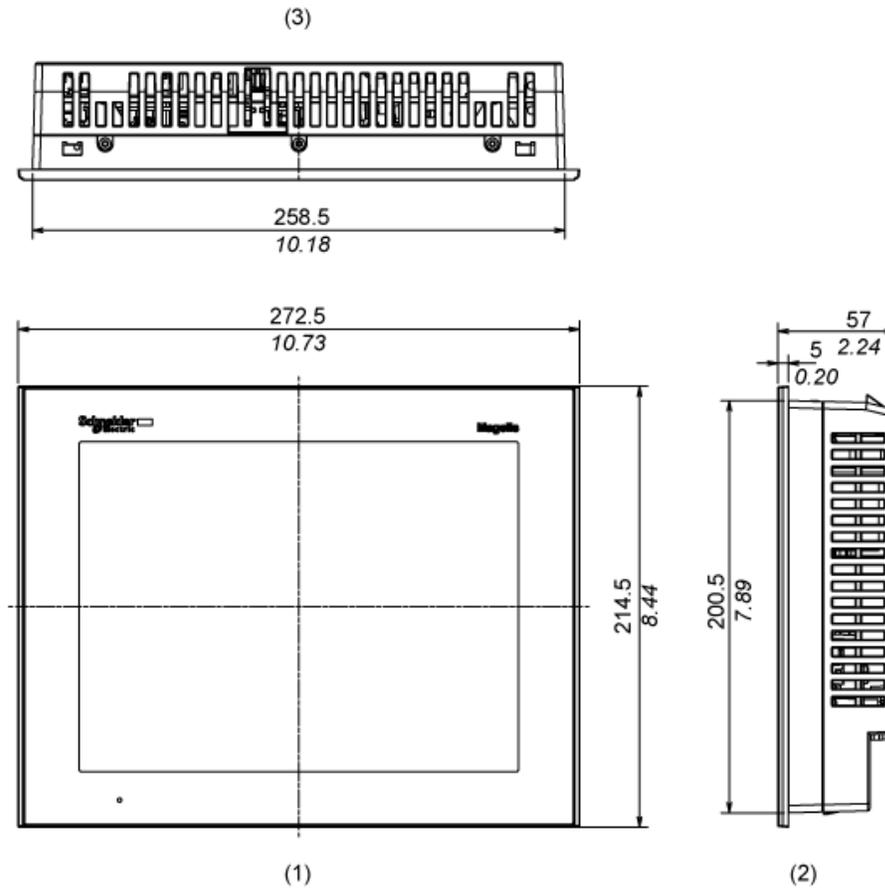
Contractual warranty

Warranty period	18 months
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Dimensions

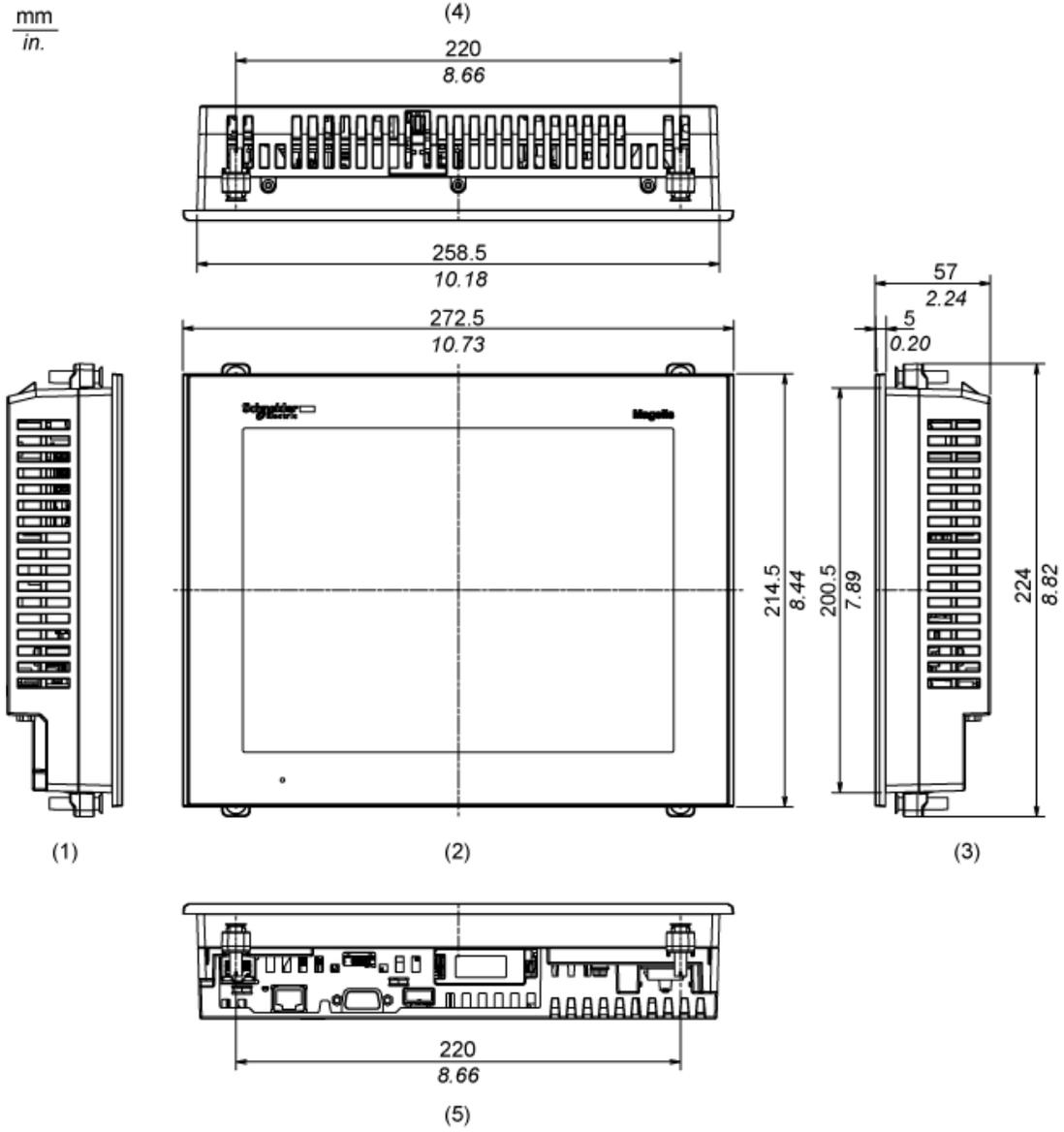
External Dimensions

mm
in.



- 1 Front
- 2 Right Side
- 3 Top

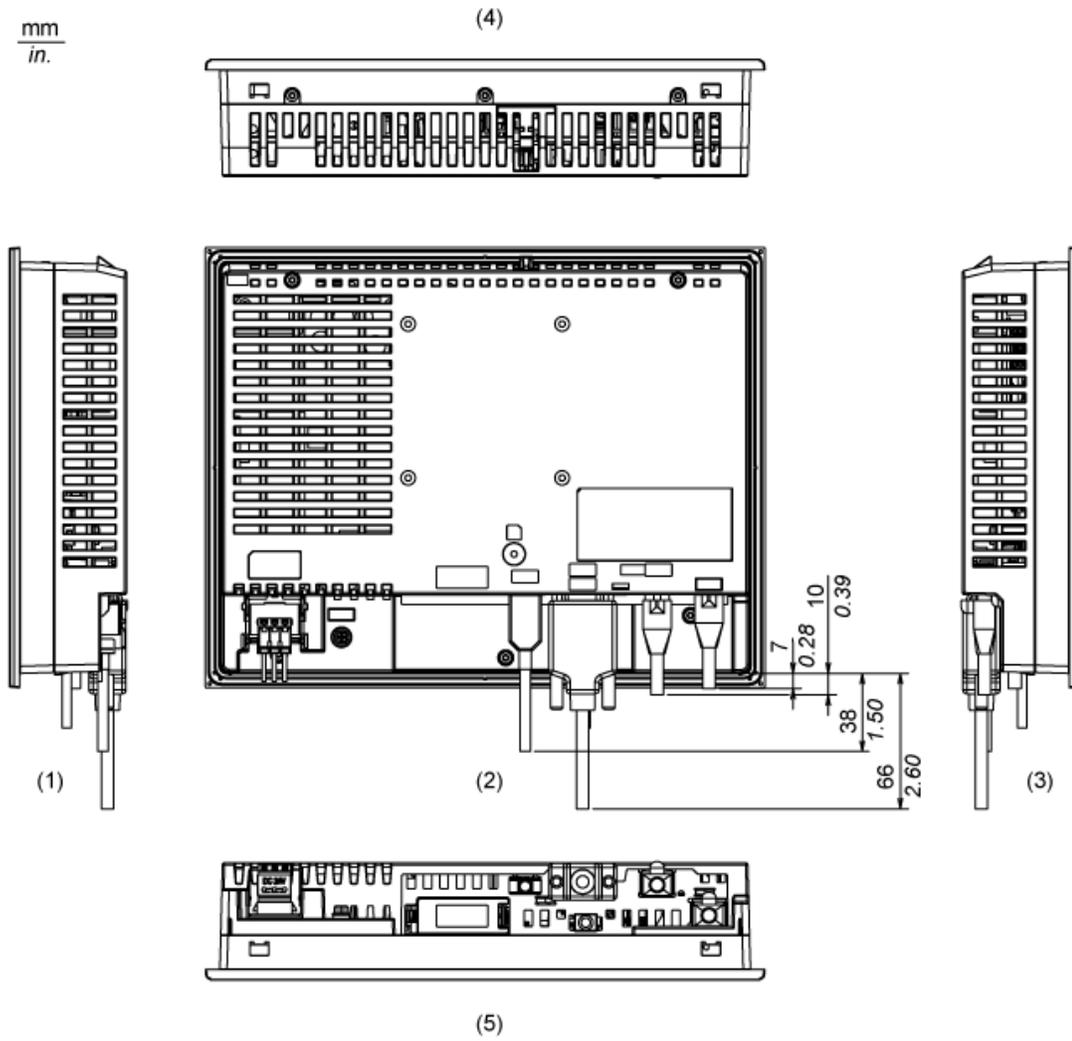
Installation with Installation Fasteners



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

Dimensions with Cables

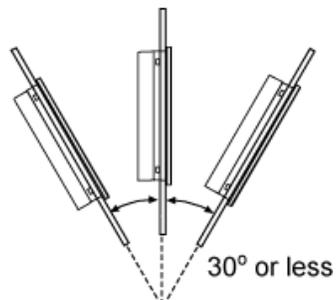
mm
in.



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

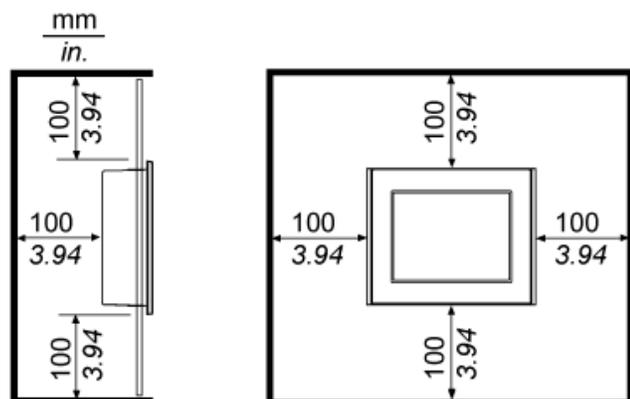
Installation Requirements

Mounting Angle



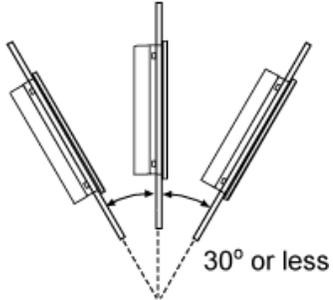
When installing the panel in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan,A/C) to ensure the ambient operating temperature is 40°C or less (104 °F or less).

Clearance



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