



### Main

Range of product	Magelis GTO
Product or component type	Advanced touchscreen panel
Display colour	65536 colours
Display size	7.5 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	Korean ASCII Chinese (simplified Chinese) 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	<= 12 W <= 8 W (when power is not supplied to external devices) <= 5 W (when backlight is OFF) <= 5.5 W (when backlight is dimmed)
Local signalling	Status LED (clear) faded power supply (OFF) Status LED (orange) flashing software starting up

	Status LED (red) steady power supply (ON) SD card LED (green) steady card is inserted SD card LED (green) faded card is not inserted or is not being accessed COM2 LED (yellow) steady data is being transmitted Status LED (green) steady offline COM2 LED (yellow) faded no data transmission Status LED (green) steady operating
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 Third party protocols Siemens Simatic Third party protocols Mitsubishi Melsec Uni-TE Schneider Electric Modicon Modbus TCP Schneider Electric Modicon Modbus Plus Schneider Electric Modicon Third party protocols Rockwell Automation Allen-Bradley Modbus Schneider Electric Modicon FIPWAY Schneider Electric Modicon
Integrated connection type	Ethernet RJ45, interface: 10BASE-T/100BASE-TX USB 2.0 port mini B USB COM2 serial link RJ45, interface: RS485, transmission rate: 187.5 kbps compatible with Siemens MPI Ethernet RJ45, interface: IEEE 802.3 USB 2.0 port USB type A COM2 serial link RJ45, interface: RS485, transmission rate: 2400...115200 bps COM1 serial link SUB-D 9, interface: RS232C, transmission rate: 2400...115200 bps
Product mounting	Flush mounting
Fixing mode	By 4 screw clamps
Front material	PPT
Enclosure material	PPT
Type of cooling	Natural convection
Width	218 mm
Height	173 mm
Depth	60 mm
Product weight	1.2 kg

## Environment

Standards	EN 61131-2 UL 508 IEC 61000-6-2
Product certifications	CULus C-Tick KCC CE
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	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/s <sup>2</sup> 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

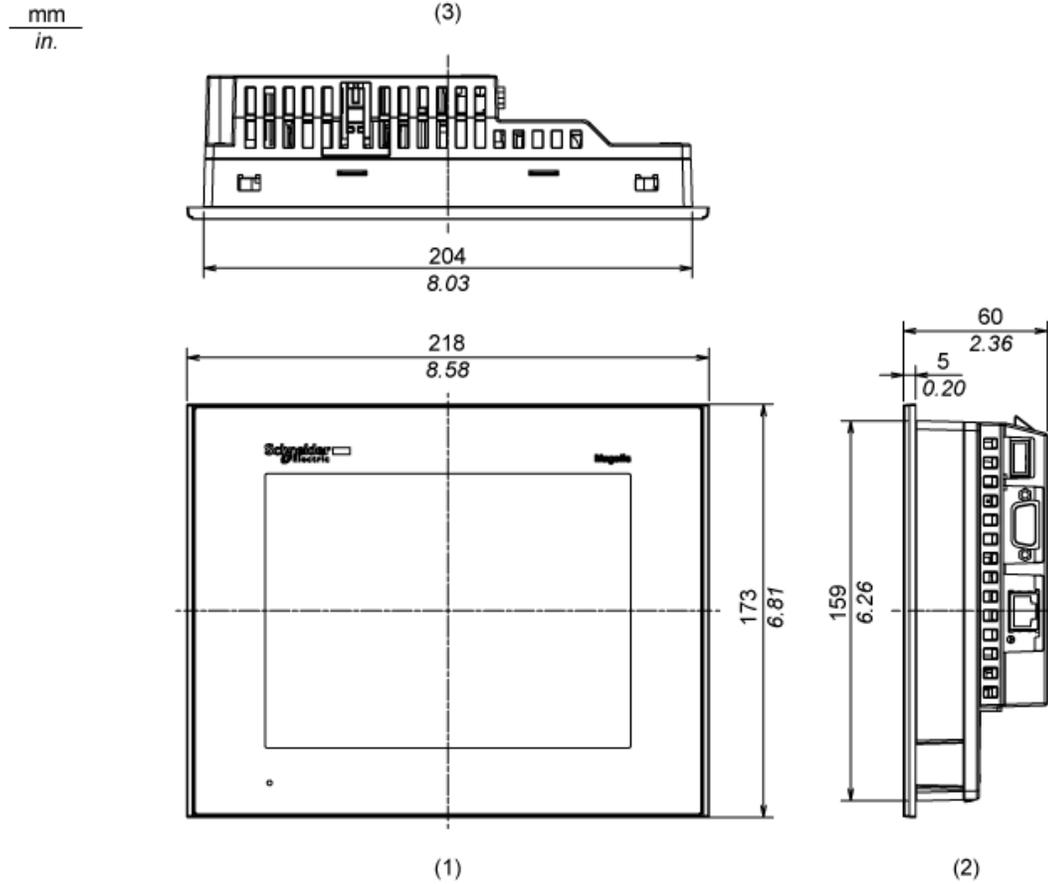
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1348 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product environmental</a>
Product end of life instructions	Available <a href="#">End of life manual</a>

## Contractual warranty

Warranty period	18 months
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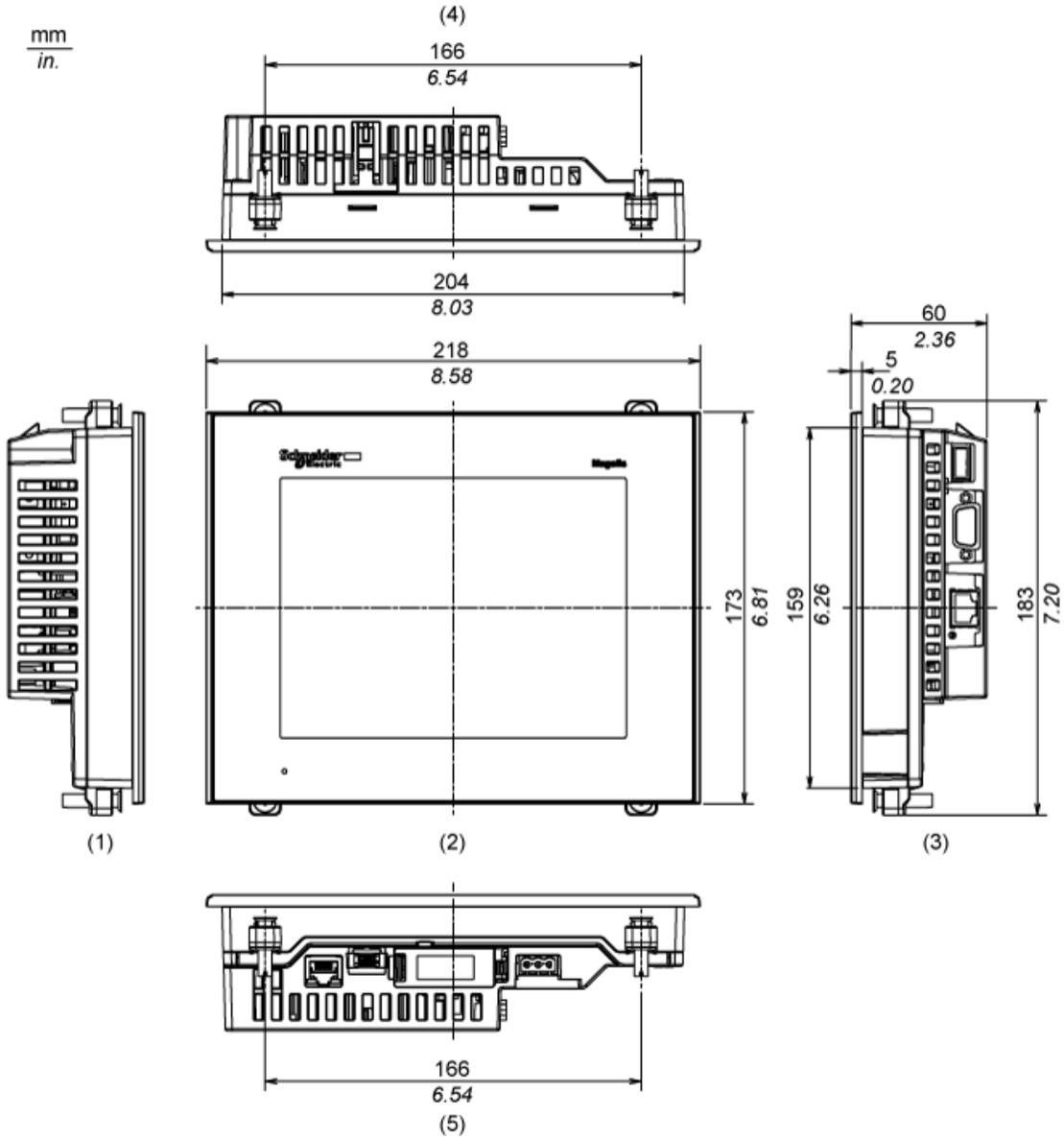
## Dimensions

### External Dimensions



- 1 Front
- 2 Right Side
- 3 Top

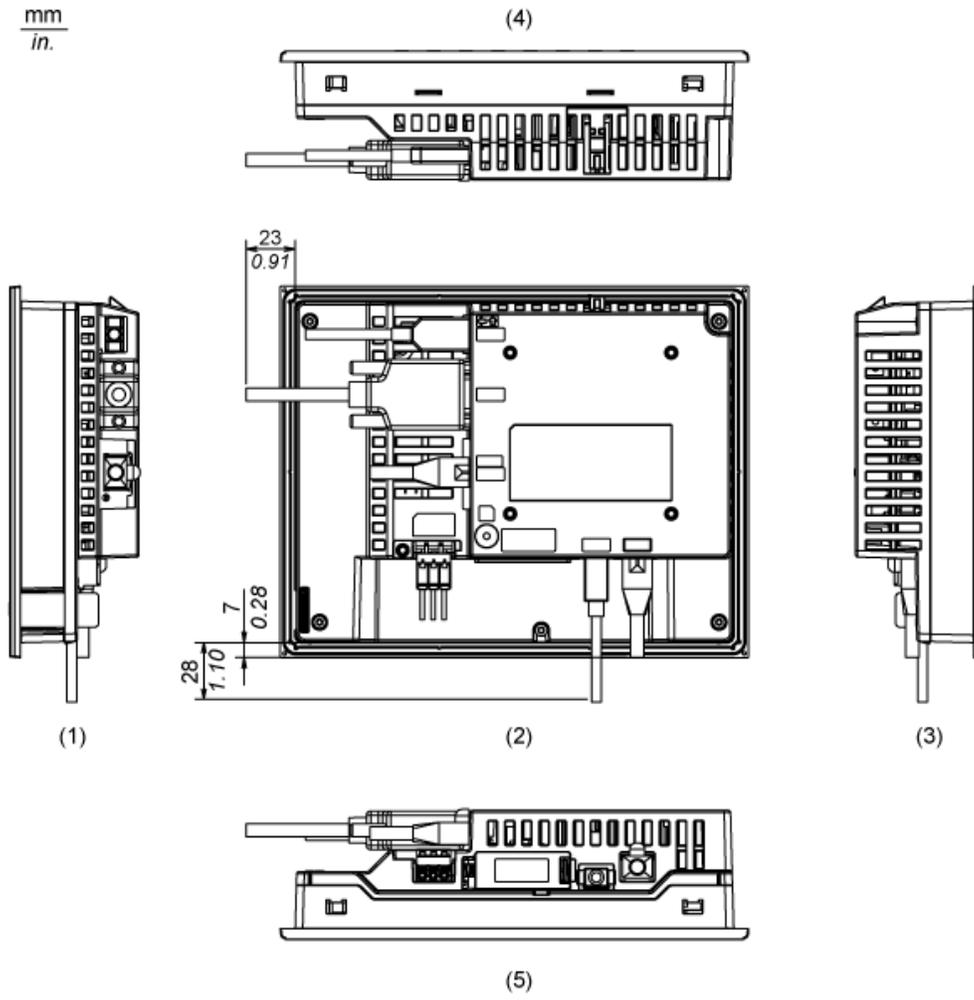
## Installation with Installation Fasteners



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

## Dimensions with Cables

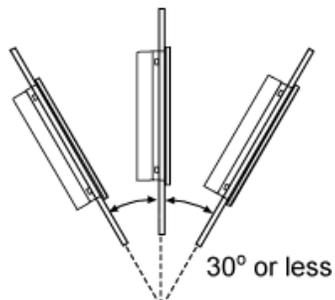
mm  
in.



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

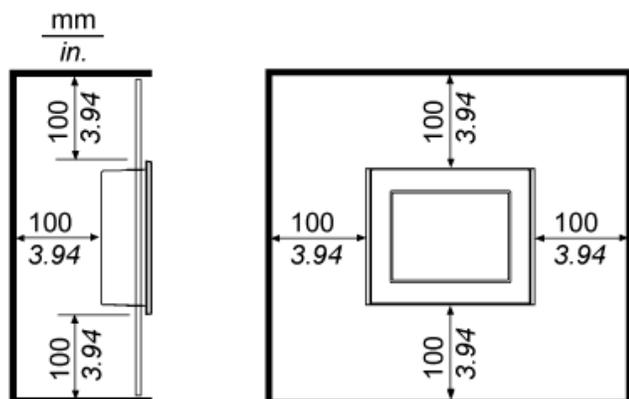
## Installation Requirements

### Mounting Angle



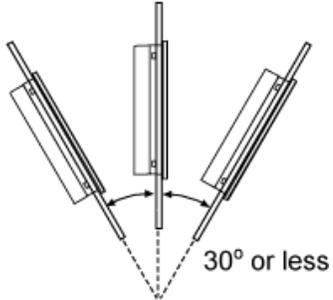
When installing the panel in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan,A/C) to ensure the ambient operating temperature is 40°C or less (104 °F or less).

### Clearance



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### Mounting Angle



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