

# Product data sheet

Specifications



## Advanced touchscreen panel, Harmony GTO, stainless 320 x 240 pixels QVGA, 5.7" TFT, 96 MB

HMIGTO2315

### Main

Range of product	Harmony GTO
Product or component type	Advanced touchscreen panel
Display colour	65536 colours
Display size	5.7 inch
Supply	External source
Operating system	Harmony
Battery type	Lithium battery for internal RAM, autonomy: 100 days, charging time = 5 day(s), battery life = 10 year(s)
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 25 °C
Brightness	16 levels - control by touch panel 16 levels - control by software
Character font	Taiwanese (traditional Chinese) Japanese (ANK, Kanji) Chinese (simplified Chinese) ASCII Korean
[Us] rated supply voltage	24 V DC
Supply voltage limits	19.2...28.8 V
Inrush current	30 A
Maximum power consumption in 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 10.5 W
Local signalling	Status LED green, steady for offline Status LED green, steady for operating Status LED orange, flashing for software starting up Status LED red, steady for power supply (ON) Status LED clear, faded for power supply (OFF) COM2 LED yellow, steady for data is being transmitted COM2 LED yellow, faded for no data transmission SD card LED green, steady for card is inserted SD card LED green, faded for card is not inserted or is not being accessed

<b>Software designation</b>	Vijeo Designer configuration software >= V6.1
<b>Memory description</b>	Flash EPROM, 96 MB
<b>Data backed up</b>	512 KB internal RAM (SRAM)
<b>Data storage equipment</b>	SD card, <= 32 GB SDHC card, <= 32 GB
<b>Downloadable protocols</b>	Schneider Electric Modicon Modbus Schneider Electric Modicon Uni-TET Schneider Electric Modicon Modbus Plus Schneider Electric Modicon FIPWAY Mitsubishi Melsec third party protocols Omron Sysmac third party protocols Rockwell Automation Allen-Bradley third party protocols Siemens Simatic third party protocols Schneider Electric Modbus TCP
<b>Integrated connection type</b>	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
<b>Product mounting</b>	Flush mounting
<b>Fixing mode</b>	By 8 nuts By 4 L brackets
<b>Front material</b>	Stainless steel 304
<b>Enclosure material</b>	PPT
<b>Type of cooling</b>	Natural convection
<b>Width</b>	213.5 mm
<b>Height</b>	181 mm
<b>Depth</b>	59.5 mm
<b>Product weight</b>	1.2 kg

## Environment

<b>Standards</b>	IEC 61000-6-2 UL 508 IEC 61131-2
<b>Product certifications</b>	KCC CE cULus C-Tick UKCA UKEX
<b>Ambient air temperature for operation</b>	0...55 °C
<b>Ambient air temperature for storage</b>	-20...60 °C
<b>Relative humidity</b>	10...90 % without condensation
<b>Operating altitude</b>	< 2000 m
<b>IP degree of protection</b>	IP20 (rear panel) conforming to IEC 60529 IP66K (front panel) conforming to IEC 60529 IP66K (front panel) conforming to DIN 40050-9
<b>NEMA degree of protection</b>	NEMA 4X front panel (indoor use)
<b>Shock resistance</b>	147 m/s <sup>2</sup> 3 chocks in each direction X, Y and Z conforming to IEC 61131-2

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<b>Vibration resistance</b>	3.5 mm (f = 5...9 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - conforming to IEC 61131-2 1 gn (f = 9...150 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - conforming to IEC 61131-2
<b>Resistance to electrostatic discharge</b>	6 kV contact discharge conforming to IEC 61000-4-2 level 3

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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	14.500 cm
<b>Package 1 Width</b>	27.000 cm
<b>Package 1 Length</b>	30.500 cm
<b>Package 1 Weight</b>	1.823 kg
<b>Unit Type of Package 2</b>	S06
<b>Number of Units in Package 2</b>	8
<b>Package 2 Height</b>	75.000 cm
<b>Package 2 Width</b>	60.000 cm
<b>Package 2 Length</b>	80.000 cm
<b>Package 2 Weight</b>	35.416 kg

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## Contractual warranty

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<b>Warranty</b>	18 months
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Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

## Environmental footprint

Total lifecycle Carbon footprint	559
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better

### Materials and Substances

F-gas free	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	76565be4-97e1-4441-9623-82d029ddb7ce
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="#">www.P65Warnings.ca.gov</a>
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

## Use Again

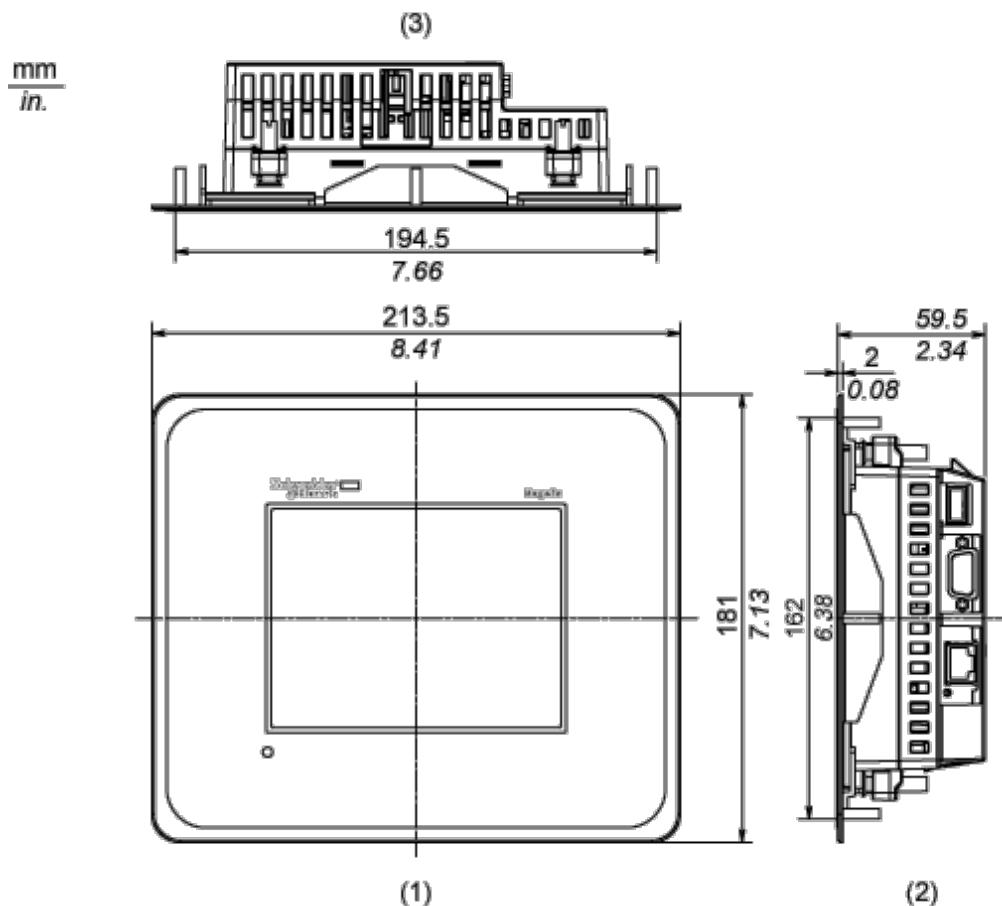
### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
Removable battery	User replaceable
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Dimensions Drawings

## Dimensions

## External Dimensions

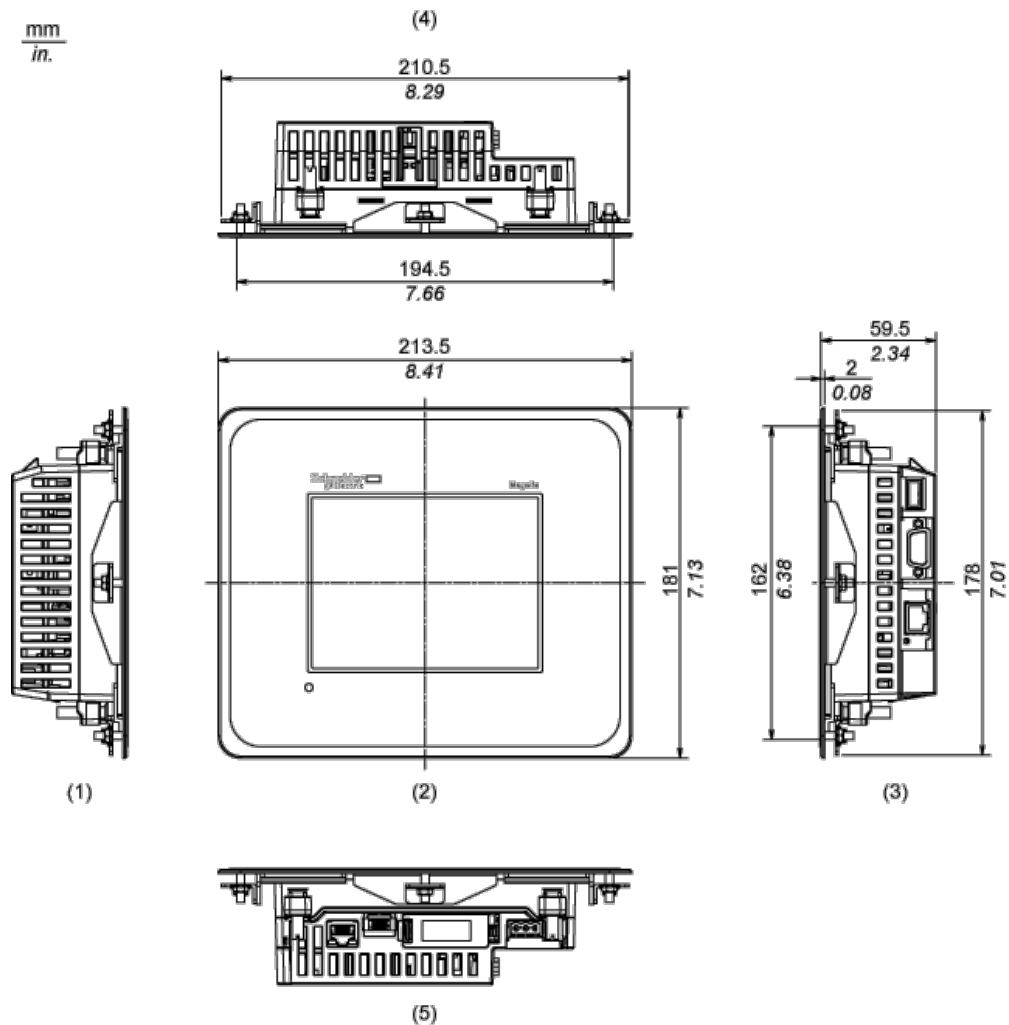


1 Front

2 Right Side

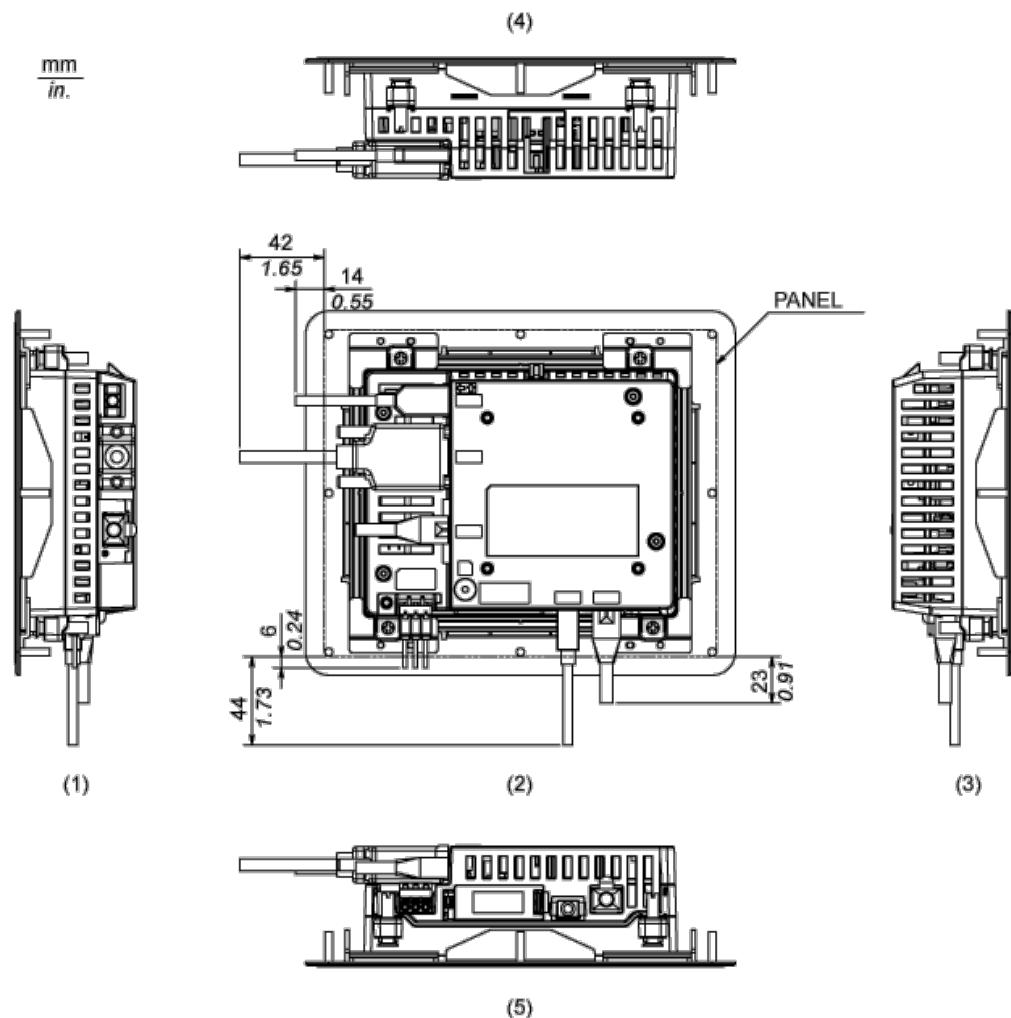
3 Top

## Installation with Installation Fasteners



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

#### Dimensions with Cables

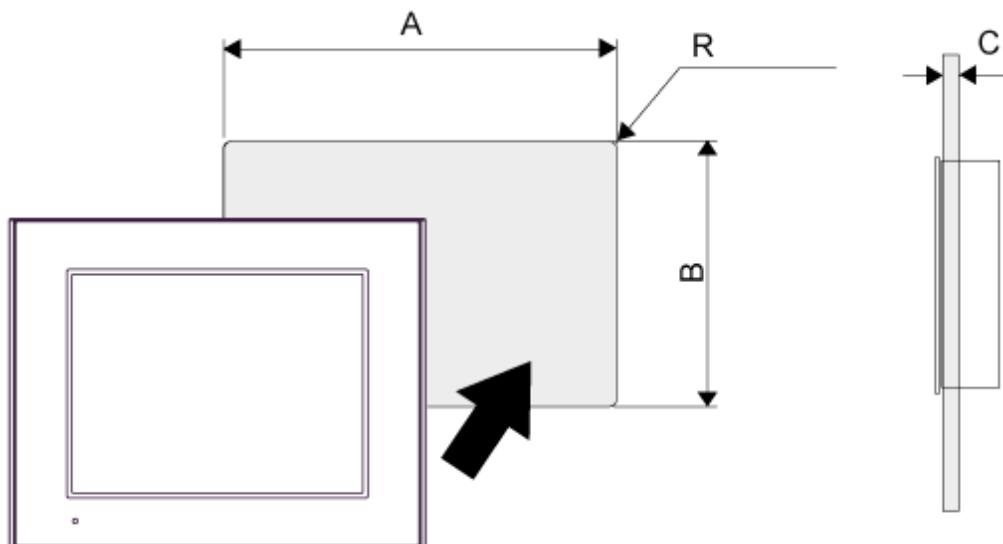


- 1 Left Side
- 2 Rear
- 3 Right Side
- 4 Top
- 5 Bottom

## Mounting and Clearance

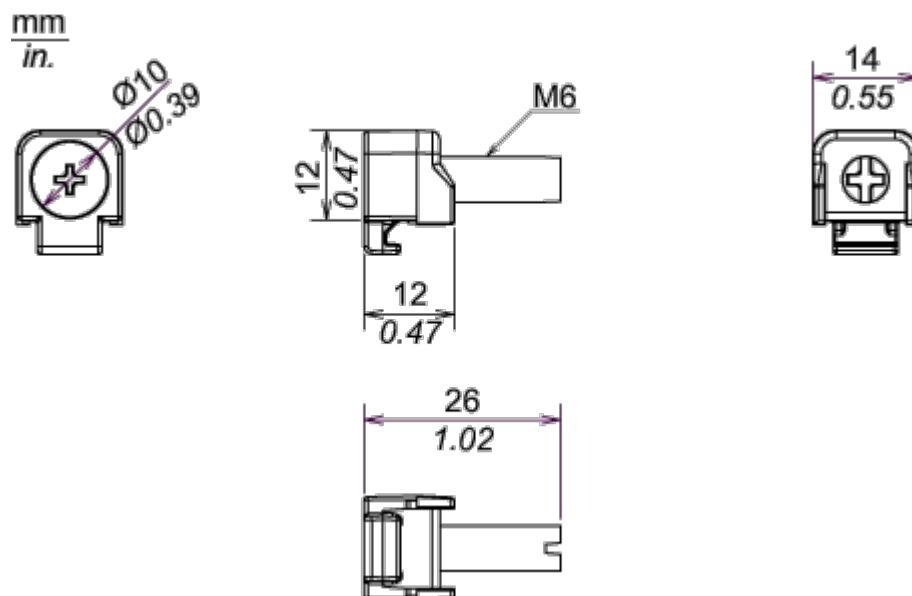
Mounting

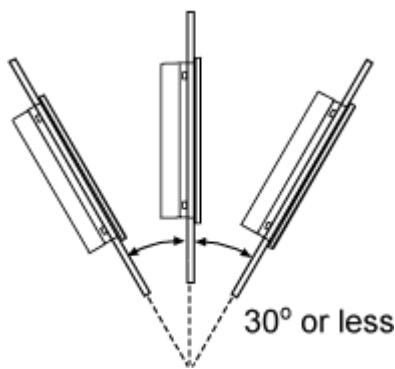
## Panel Cut Dimensions



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**