Product datasheet

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

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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	19.228.8 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

Software designation	Vijeo Designer configuration software >= V6.1				
Memory description	Flash EPROM, 96 MB				
Data backed up	512 KB internal RAM (SRAM)				
Data storage equipment	SD card, <= 32 GB SDHC card, <= 32 GB				
Downloadable protocols	Schneider Electric Modicon Modbus Schneider Electric Modicon Uni-TE 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 Modicon Modbus TCP				
Integrated connection type	COM1 serial link SUB-D 9, interface: RS232C, transmission rate: 2400115200 bps COM2 serial link RJ45, interface: RS485, transmission rate: 2400115200 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	213.5 mm				
Height	181 mm				
Depth	59.5 mm				
Net weight	1.2 kg				
Environment					
Standards	IEC 61000 6 2				

Standards	IEC 61000-6-2				
	UL 508				
	IEC 61131-2				
	120011012				
Product certifications	KCC				
	CE				
	cULus				
	C-Tick				
	UKCA				
	UKEX				
Ambient air temperature for operation	055 °C				
Ambient air temperature for storage	-2060 °C				
Relative humidity	1090 % without condensation				
Operating altitude	< 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/s ² 3 chocks in each direction X, Y and Z conforming to IEC 61131-					

Vibration resistance	3.5 mm (f = 59 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - conforming to IEC 61131-2 1 gn (f = 9150 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - conforming to IEC 61131-2
Resistance to electrostatic discharge	6 kV contact discharge conforming to IEC 61000-4-2 level 3

Packing Units

9	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.500 cm
Package 1 Width	27.000 cm
Package 1 Length	30.500 cm
Package 1 Weight	1.823 kg
Unit Type of Package 2	S06
Number of Units in Package 2	8
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	24.000 kg

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

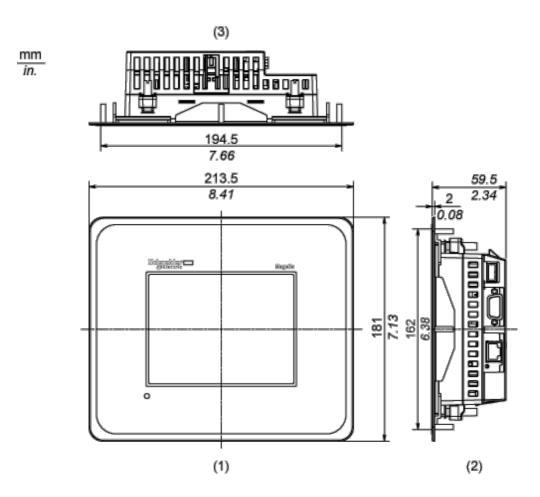
Certifications & Standards

Reach Regulation	Pro-active compliance (Product out of EU RoHS legal scope)			
Eu Rohs Directive				
China Rohs Regulation	China RoHS declaration			
Environmental Disclosure	Product Environmental Profile			
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins			
Circularity Profile	End of Life Information			

Dimensions Drawings

Dimensions

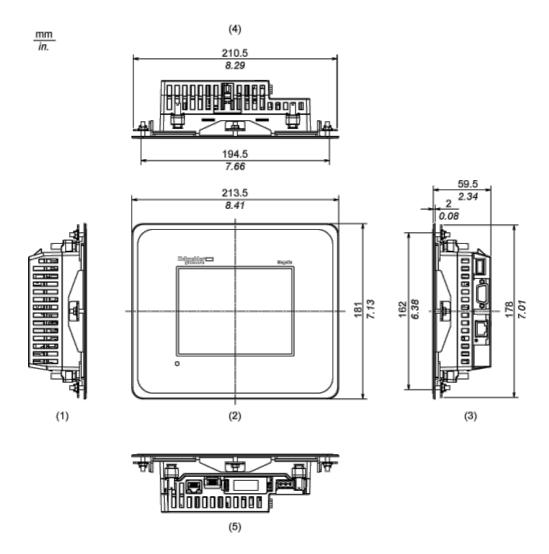
External Dimensions



- 1 Front
- 2 Right Side
- 3 Тор

Installation with Installation Fasteners

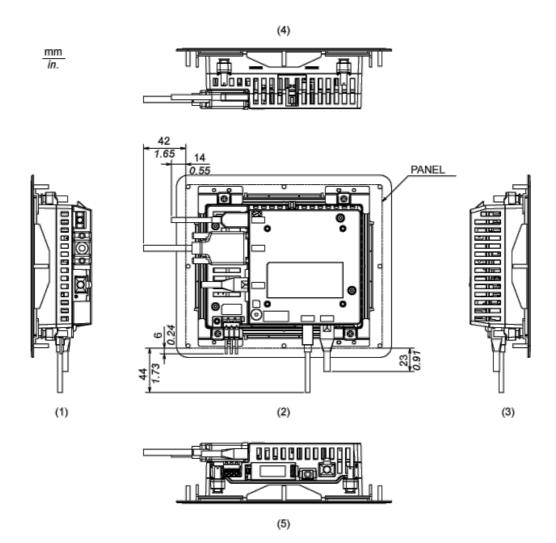
HMIGTO2315



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

Dimensions with Cables

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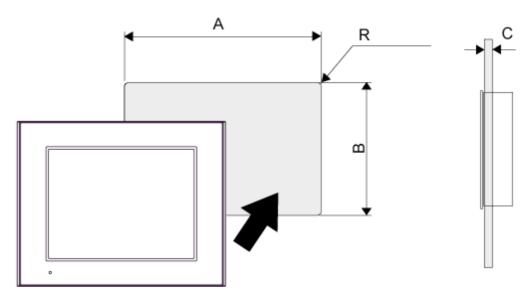


- 1 Left Side
- 2 Rear
- 3 Right Side
- 4 Top
- 5 Bottom

Mounting and Clearance

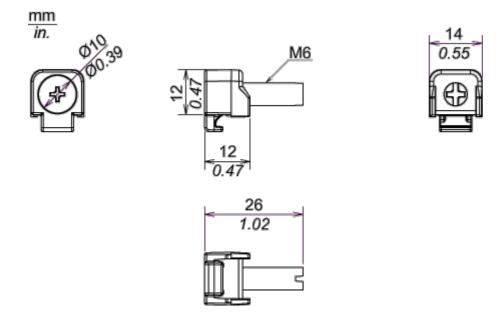
Mounting

Panel Cut Dimensions



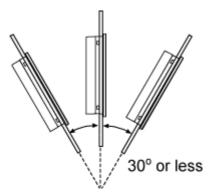
АВВ		В		С		R	
mm	in.	mm	in.	mm	in.	mm	in.
195 (+1, -0)	7.68 (+0.04, -0)	162.5 (+1, -0)	6.40 (+0.04, -0)	1.65	0.060.2	3 max.	0.12 max.

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

