

advanced touchscreen panel, Harmony GTO, 640 x 480pixels VGA, 7.5inch TFT, 96MB

HMIGTO4310

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony GTO		
Product or Component Type	Advanced touchscreen panel		
Display colour	65536 colours		
Display size	7.5 inch		
Supply	External source		
Operating System	Harmony		
Battery type	Lithium internal RAM 100 days 5 day(s) 10 year(s)		

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 77 °F (25 °C)				
Brightness	16 levels by touch panel 16 levels by software				
Character font	Korean Taiwanese (traditional Chinese) Japanese (ANK, Kanji) ASCII Chinese (simplified Chinese)				
[Us] rated supply voltage	24 V DC				
Supply voltage limits	19.228.8 V				
Inrush current	30 A				
Maximum power consumption in W	8 W when power is not supplied to external devices 5 W when backlight is OFF 5.5 W when backlight is dimmed 12 W				
Local signalling	Status LED green, steady offline Status LED green, steady operating Status LED orange, flashing software starting up Status LED red, steady power supply (ON) Status LED clear, faded power supply (OFF) COM2 LED yellow, steady data is being transmitted COM2 LED yellow, faded no data transmission SD card LED green, steady card is inserted SD card LED green, faded card is not inserted or is not being accessed				
Software designation	Vijeo Designer configuration software >= V6.1				

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 RS232C 2400115200 bps COM2 serial link RJ45 RS485 2400115200 bps COM2 serial link RJ45 RS485 187.5 kbps Siemens MPI Ethernet RJ45 10BASE-T/100BASE-TX Ethernet RJ45 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	8.6 in (218 mm)				
Height	6.8 in (173 mm)				
Depth	2.4 in (60 mm)				
Environment Standards	2.6 lb(US) (1.2 kg) IEC 61131-2 IEC 61000-6-2				
Product Certifications	UL 508 CE cULus KCC C-tick UKCA UKEX				
Ambient Air Temperature for Operation	32131 °F (055 °C)				
Ambient air temperature for storage	-4140 °F (-2060 °C)				
Relative humidity	1090 % without condensation				
Operating altitude	< 6561.68 ft (2000 m)				
IP degree of protection	IP20 IEC 60529 rear panel) IP65 IEC 60529 front panel)				
NEMA degree of protection	NEMA 4X front panel (indoor use)				
Shock resistance	147 m/s² 3 chocks in each direction X, Y and Z IEC 61131-2				
/ibration resistance 3.5 mm 59 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - IEC 6 1 gn 9150 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - IEC 6					
Resistance to electrostatic discharge	6 kV contact discharge IEC 61000-4-2 level 3				

Ordering and shipping details

Category	US10MC222569
Discount Schedule	0MC2
GTIN	3595864150277
Returnability	Yes
Country of origin	ID

Packing Units

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Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	5.71 in (14.500 cm)	
Package 1 Width	10.47 in (26.600 cm)	
Package 1 Length	12.01 in (30.500 cm)	
Package 1 Weight	3.391 lb(US) (1.538 kg)	
Unit Type of Package 2	P12	
Number of Units in Package 2	64	
Package 2 Height	41.34 in (105.000 cm)	
Package 2 Width	31.50 in (80.000 cm)	
Package 2 Length	47.24 in (120.000 cm)	
Package 2 Weight	273.373 lb(US) (124.000 kg)	

Contractual warranty

Warranty 18 months



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	
Carbon footprint (kg CO2 eq, Total Life cycle)	620
Environmental Disclosure	Product Environmental Profile

Use Better

F-gas usage performance	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	76565be4-97e1-4441-9623-82d029ddb7ce
REACh Regulation	REACh Declaration
California proposition 65	WARNING: 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 www.P65Warnings.ca.gov

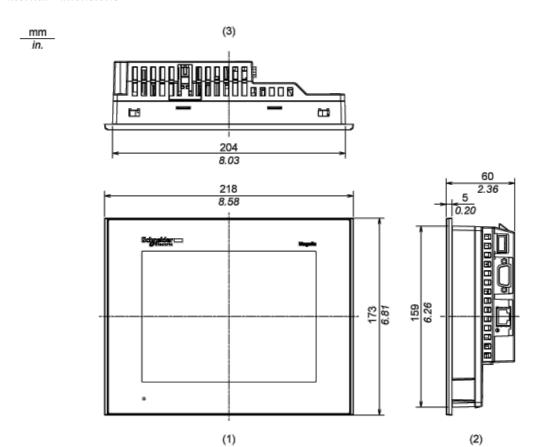
Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Removable battery	Yes
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions

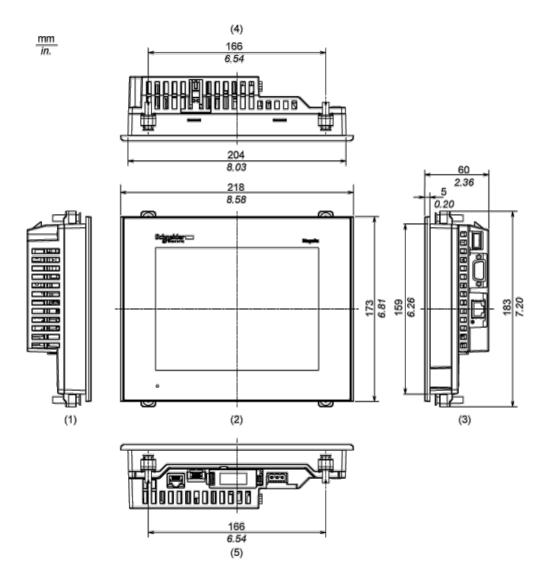
External Dimensions



- 1 Front
- 2 Right Side
- 3 Тор

Installation with Installation Fasteners

HMIGTO4310

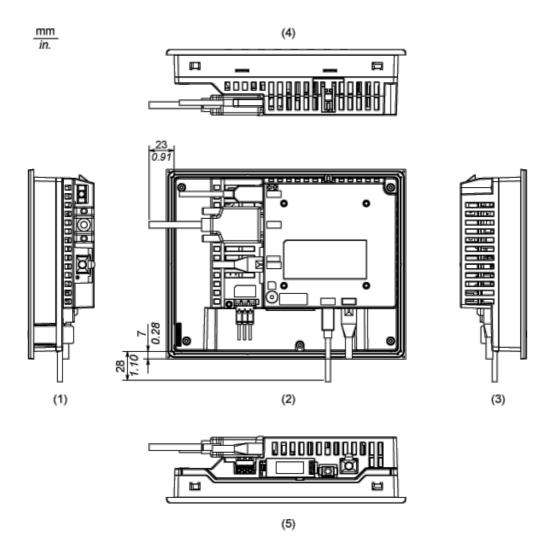


- 1 Left Side
- 2 Front
- 3 Right Side
- 4 Top
- 5 Bottom

Dimensions with Cables

Product data sheet

HMIGTO4310

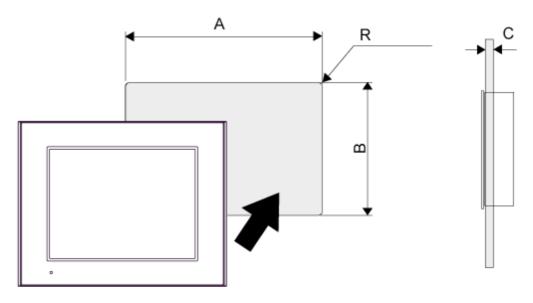


- 1 Left Side
- 2 Rear
- 3 Right Side
- 4 Top
- 5 Bottom

Mounting and Clearance

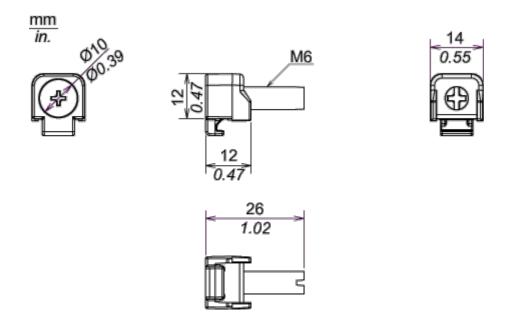
Mounting

Panel Cut Dimensions



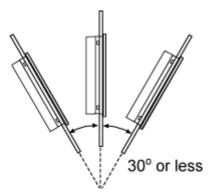
A		В		С		R	
mm	in.	mm	in.	mm	in.	mm	in.
204.5 (+1, -0)	8.05 (+0.04, -0)	159.5 (+1, -0)	6.28 (+0.04, -0)	1.65	0.060.2	3 max.	0.12 max.

Installation Fastener Dimensions



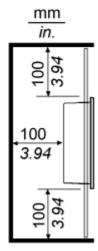
Installation Requirements

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



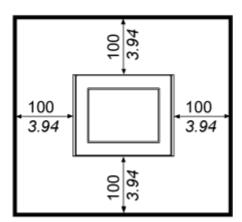


Image of product / Alternate images

Alternative







