Product data sheet

Specification





advanced touchscreen panel, Harmony GTO, 320 x 240pixels QVGA, 3.5inch TFT, 64MB

HMIGTO1300

Product availability: Stock - Normally stocked in distribution

Price*: 599.81 USD

Main

Range of Product	Harmony GTO			
Product or Component Type	Advanced touchscreen panel			
Display colour	65536 colours			
display size	3.5 inch			
Supply	External source			
Control Button Type	6 operation defined using Vijeo Designer push-button key F1F6			
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	320 x 240 pixels QVGA			
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	Chinese (simplified Chinese) ASCII (European characters) Japanese (ANK, Kanji) Korean Taiwanese (traditional Chinese)			
[Us] rated supply voltage	24 V DC			
Supply voltage limits	19.228.8 V			
Inrush current	30 A			
Maximum power consumption in W	5.2 W when power is not supplied to external devices4.2 W when backlight is OFF4.3 W when backlight is dimmed9.6 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)			
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, 64 MB			
Data backed up	128 kB internal RAM SRAM)			
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			
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			
	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	5.2 in (132 mm)			
Height	4.2 in (106 mm)			
Depth	1.7 in (42 mm)			
Net Weight	0.9 lb(US) (0.4 kg)			

Environment

Standards	UL 508 IEC 61131-2 IEC 61000-6-2 C-tick cULus CE KCC UKCA UKEX				
Product Certifications					
Ambient Air Temperature for Operation	32122 °F (050 °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				
Vibration resistance	9.8 m/s² 9150 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - IEC 61131-2 3.5 mm 59 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - IEC 61131-2				
Resistance to electrostatic discharge	6 kV contact discharge IEC 61000-4-2 level 3				

Ordering and shipping details

Category	US10MC222569		
Discount Schedule	0MC2		

GTIN	3595864150215
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	4.921 in (12.500 cm)	
Package 1 Width	7.165 in (18.200 cm)	
Package 1 Length	8.465 in (21.500 cm)	
Package 1 Weight	24.938 oz (707.000 g)	
Unit Type of Package 2	S03	
Number of Units in Package 2	4	
Package 2 Height	11.811 in (30.000 cm)	
Package 2 Width	11.811 in (30.000 cm)	
Package 2 Length	15.748 in (40.000 cm)	
Package 2 Weight	8.091 lb(US) (3.670 kg)	

Contractual warranty

Warranty 18 months

Sustainability Screen 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

Ø	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
Ø	Mercury Free	
9	Rohs Exemption Information	Yes

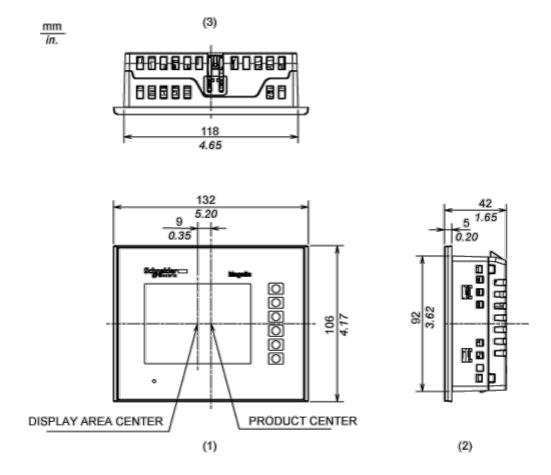
Certifications & Standards

Reach Regulation	REACh Declaration				
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration				
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				
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				

Dimensions Drawings

Dimensions

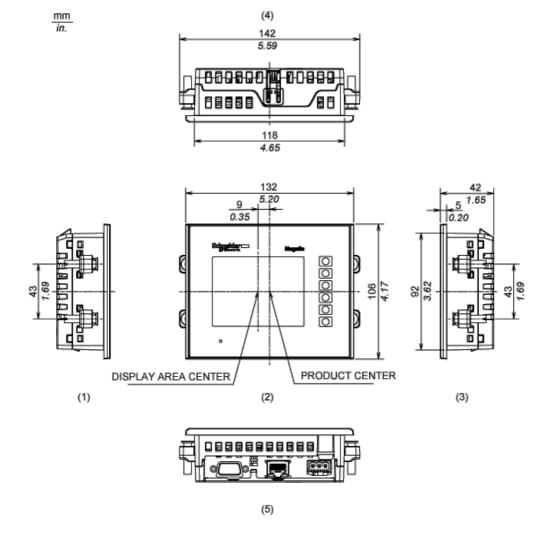
External Dimensions



- 1 Front
- 2 Right Side
- 3 Тор

Installation with Installation Fasteners

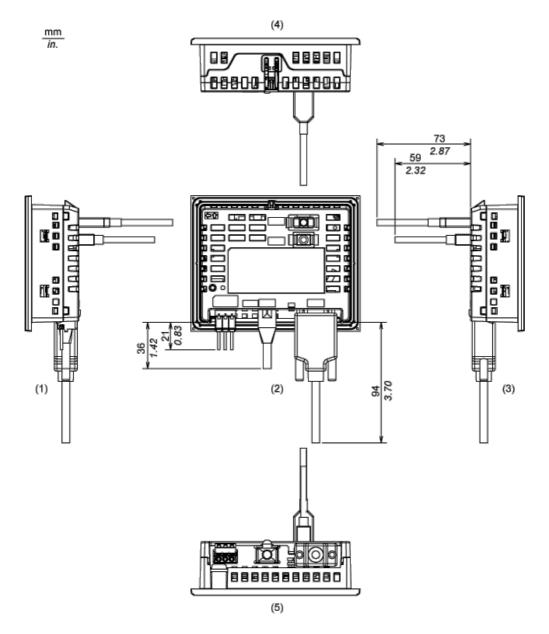
HMIGTO1300



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

Dimensions with Cables

HMIGTO1300

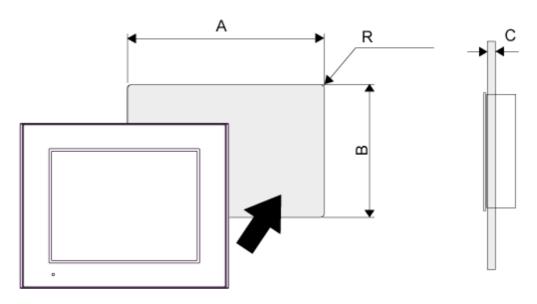


- 1 Left Side
- 2 Rear
- 3 Right Side
- 4 Top
- 5 Bottom

Mounting and Clearance

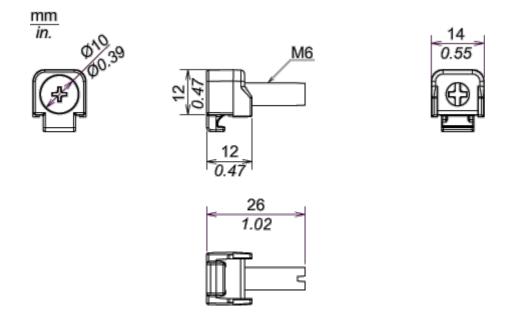
Mounting

Panel Cut Dimensions



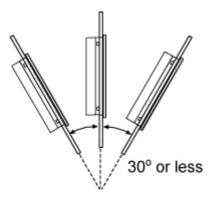
A		В		С		R	
mm	in.	mm	in.	mm	in.	mm	in.
118.5 (+1, -0)	4.67 (+0.04, -0)	92.5 (+1, -0)	3.64 (+0.04, -0)	1.65	0.060.2	3 max.	0.12 max.

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

