Specifications





advanced touchscreen panel, Harmony GTO, 320 x 240pixels QVGA, 5.7inch TFT, 64MB

HMIGTO2300

Product availability: Stock - Normally stocked in distribution facility

Price*: 1,615.00 USD

Main

Harmony GTO		
Advanced touchscreen panel		
65536 colours		
5.7 inch		
External source		
Harmony		
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) Korean ASCII (European characters) Japanese (ANK, Kanji) 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	6.5 W when power is not supplied to external devices4.5 W when backlight is OFF5 W when backlight is dimmed10.5 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			

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

Software designation	Vijeo Designer configuration software >= V6.1			
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	6.7 in (169.5 mm)			
Height	5.4 in (137 mm)			
Depth	2.3 in (59.5 mm)			
Net Weight	1.8 lb(US) (0.8 kg)			

Environment

Standards	IEC 61000-6-2 UL 508 IEC 61131-2				
Product Certifications	KCC CE cULus C-tick UKCA UKEX				
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/s 2 3 chocks in each direction X, Y and Z IEC 61131-2				
Vibration resistance	3.5 mm 59 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - IEC 61131-2 1 gn 9150 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

Category	US10MC222569
Discount Schedule	0MC2

GTIN	3595864150239			
Returnability	Yes			
Country of origin	CN			

Packing Units

U	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.709 in (14.500 cm)
Package 1 Width	7.283 in (18.500 cm)
Package 1 Length	9.449 in (24.000 cm)
Package 1 Weight	2.344 lb(US) (1.063 kg)
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	11.369 lb(US) (5.157 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	64
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	31.496 in (80.000 cm)
Package 3 Length	47.244 in (120.000 cm)
Package 3 Weight	206.479 lb(US) (93.657 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.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



Rohs Exemption Information

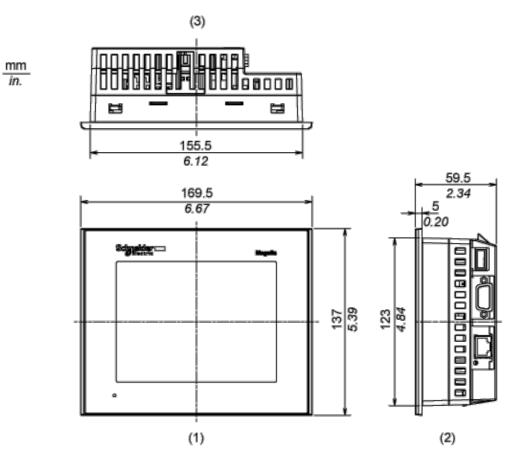
Certifications & Standards

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

Dimensions Drawings

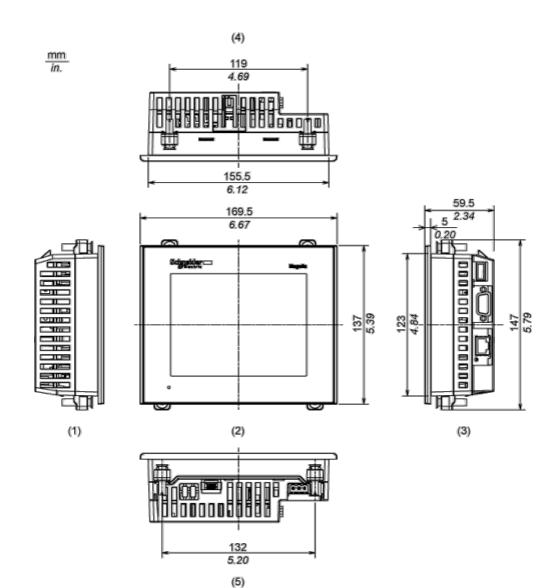
Dimensions

External Dimensions



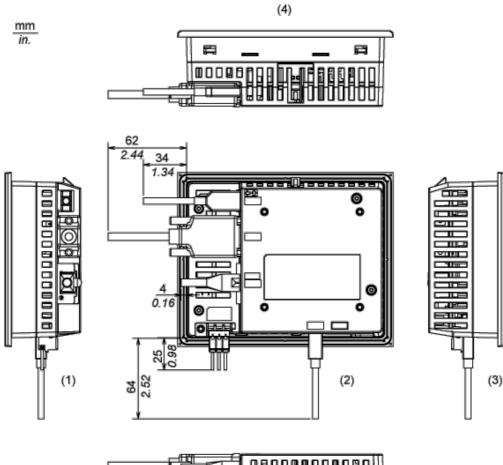
- 1 Front
- 2 Right Side
- 3 Top

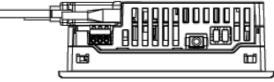
Installation with Installation Fasteners



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

Dimensions with Cables





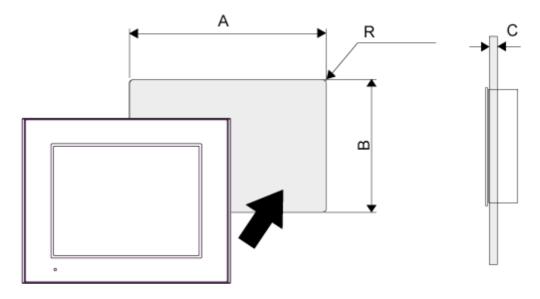
(5)

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

Mounting and Clearance

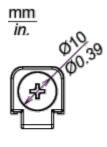
Mounting

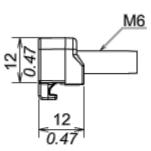
Panel Cut Dimensions

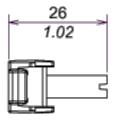


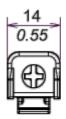
Α		В		С		R	
mm	in.	mm	in.	mm	in.	mm	in.
156 (+1, -0)	6.14 (+0.04, -0)	123.5 (+1, -0)	4.86 (+0.04, -0)	1.65	0.060.2	3 max.	0.12 max.

Installation Fastener Dimensions



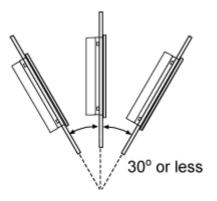






Installation Requirements

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

