Product data sheet

Specification





advanced touchscreen panel, Harmony GTO, 800 x 480pixels WVGA, 7.0inch TFT, 96MB

HMIGTO3510

Product availability: Stock - Normally stocked in distribution facility

Price*: 2,100.00 USD

Main

Range Of Product	Harmony GTO				
Product Or Component Type	Advanced touchscreen panel				
Display Colour	65536 colours				
Display Size	7 inch				
Supply	External source				
Control Button Type	8 operation defined using Vijeo Designer push-button key F1F8				
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	800 x 480 pixels WVGA			
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	Taiwanese (traditional Chinese) ASCII Chinese (simplified Chinese) Japanese (ANK, Kanji) Korean			
[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			

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

Local Signalling	Status LED green, steady offline				
	Status LED green, steady operating				
	Status LED graces, sleady 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				
Memory Description	Flash EPROM, 96 MB				
Data Backed Up	128 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				
3	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	8.58 in (218 mm)				
Height	6.81 in (173 mm)				
Depth	2.36 in (60 mm)				
Net Weight	2.65 lb(US) (1.2 kg)				
F					
Environment					
Standards	UL 508				
	IEC 61000-6-2				
	IEC 61131-2				
Product Certifications	OF.				
1 Todact Oet tillcations	CE C-tick				
	KCC				
	cULus				
	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/s² 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
Discount Schedule	0MC2
Gtin	3595864150260
Returnability	Yes
Country Of Origin	ID

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.71 in (14.5 cm)
Package 1 Width	10.55 in (26.8 cm)
Package 1 Length	11.97 in (30.4 cm)
Package 1 Weight	3.44 lb(US) (1.56 kg)
Unit Type Of Package 2	P12
Number Of Units In Package 2	48
Package 2 Height	41.34 in (105 cm)
Package 2 Width	31.50 in (80 cm)
Package 2 Length	47.24 in (120 cm)
Package 2 Weight	169.32 lb(US) (76.8 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

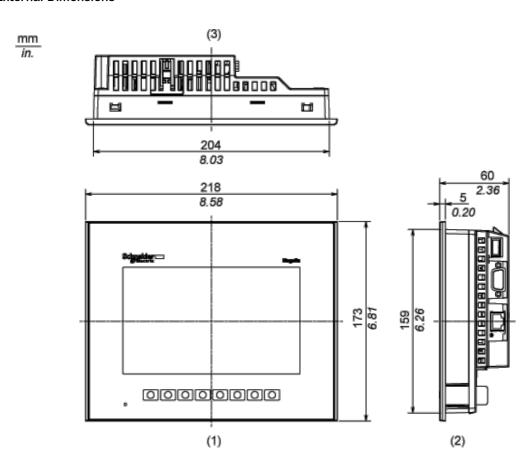
Certifications & Standards

Reach Regulation	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					
	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.					
Weee	· · · · · · · · · · · · · · · · · · ·					
Weee Circularity Profile	· · · · · · · · · · · · · · · · · · ·					

Dimensions Drawings

Dimensions

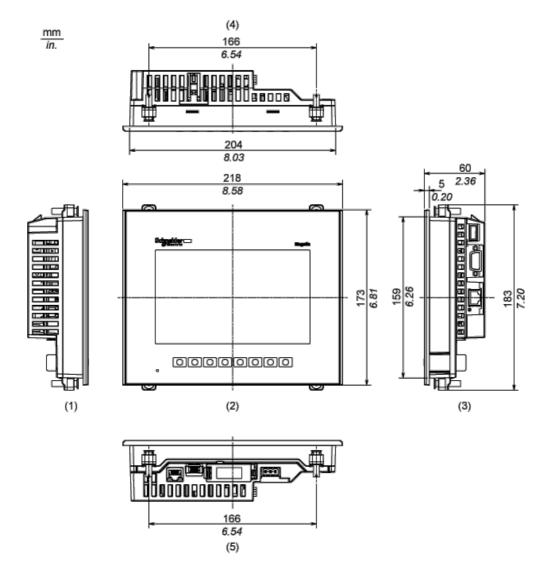
External Dimensions



- 1 Front
- 2 Right Side
- 3 Тор

Installation with Installation Fasteners

HMIGTO3510

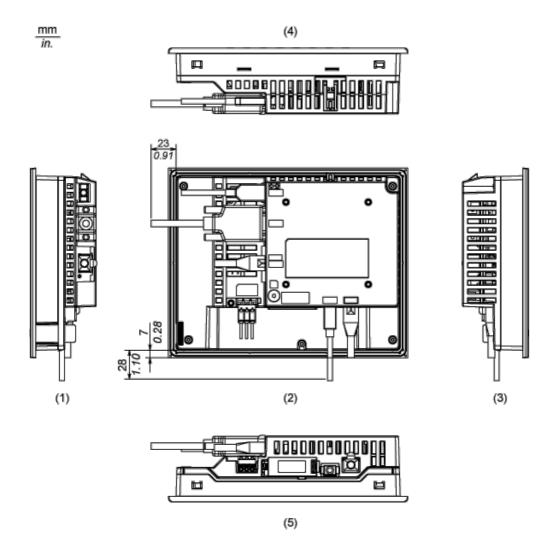


- 1 Left Side
- 2 Front
- 3 Right Side
- 4 Top
- 5 Bottom

Dimensions with Cables

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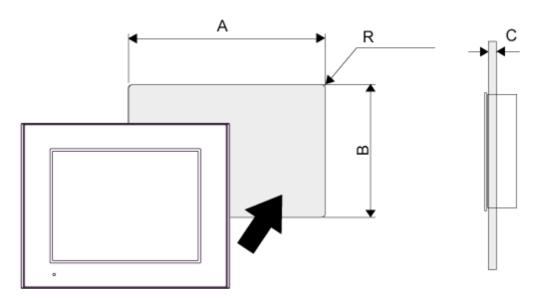


- 1 Left Side
- 2 Rear
- 3 Right Side
- 4 Top
- 5 Bottom

Mounting and Clearance

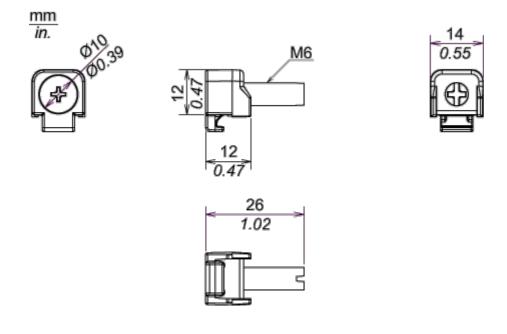
Mounting

Panel Cut Dimensions



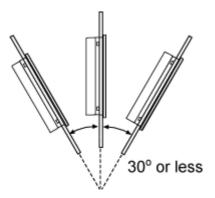
A		В		С		R	
mm	in.	mm	in.	mm	in.	mm	in.
204.5 (+1, -0)	8.05 (+0.04, -0)	159.5 (+1, -0)	6.28 (+0.04, -0)	1.65	0.060.2	3 max.	0.12 max.

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

