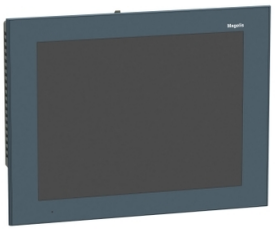
Product data sheet

Specifications

Green Premium™



Advanced touchscreen panel, Harmony GTO, 12.1 Color Touch SVGA TFT, coated display without logo

HMIGTO6310FCW

Discontinued

Discontinued on: Jun 15, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range Of Product	Harmony GTO
Product Or Component Type	Advanced touchscreen panel
Display Colour	65536 colours
Display Size	12.1 inch
Supply	External source
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 600 pixels SVGA
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) Chinese (simplified Chinese) Japanese (ANK, Kanji) ASCII (European characters)
[Us] Rated Supply Voltage	24 V DC
Supply Voltage Limits	19.2…28.8 V
Inrush Current	30 A
Maximum Power Consumption In W	12 W when power is not supplied to external devices 7 W when backlight is OFF 8 W when backlight is dimmed 17 W

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 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	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 2400...115200 bps COM2 serial link RJ45 RS485 2400...115200 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	12.40 in (315 mm)
Height	9.49 in (241 mm)
Depth	2.20 in (56 mm)
Net Weight	5.51 lb(US) (2.5 kg)

Environment

Standards	EN 61131-2 IEC 61000-6-2 UL 508
Product Certifications	KCC CE C-tick cULus UKCA UKEX
Ambient Air Temperature For Operation	32…131 °F (0…55 °C)
Ambient Air Temperature For Storage	-4…140 °F (-20…60 °C)
Relative Humidity	10…90 % 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 EN/IEC 61131-2
Vibration Resistance	3.5 mm 5…9 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - EN/IEC 61131-2 1 gn 9…150 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - EN/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	3606480841880
Returnability	No
Country Of Origin	CN

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.77 in (17.2 cm)
Package 1 Width	12.80 in (32.5 cm)
Package 1 Length	15.35 in (39.0 cm)
Package 1 Weight	7.14 lb(US) (3.24 kg)
Unit Type Of Package 2	CAR
Number Of Units In Package 2	2
Package 2 Height	16.93 in (43.0 cm)
Package 2 Width	13.98 in (35.5 cm)
Package 2 Length	17.91 in (45.5 cm)
Package 2 Weight	15.86 lb(US) (7.195 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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

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