

# Product data sheet

Specifications



## Advanced touchscreen panel, Harmony GTO, 7.5 Color Touch VGA TFT, coated display

HMIGTO4310FC

**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	7.5 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	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	ASCII Japanese (ANK, Kanji) Taiwanese (traditional Chinese) Korean Chinese (simplified Chinese)
[Us] rated supply voltage	24 V DC
Supply voltage limits	19.2...28.8 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
Memory description	Flash EPROM, 96 MB

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

<b>Data backed up</b>	512 KB internal RAM SRAM)
<b>Data storage equipment</b>	SD card, <= 32 GB SDHC card, <= 32 GB
<b>Downloadable protocols</b>	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
<b>Integrated connection type</b>	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
<b>Product mounting</b>	Flush mounting
<b>Fixing mode</b>	by 4 screw clamps
<b>Front material</b>	PPT
<b>Enclosure Material</b>	PPT
<b>type of cooling</b>	Natural convection
<b>Width</b>	8.6 in (218 mm)
<b>Height</b>	6.8 in (173 mm)
<b>Depth</b>	2.4 in (60 mm)
<b>Net Weight</b>	2.6 lb(US) (1.2 kg)

## Environment

<b>Standards</b>	IEC 61131-2 IEC 61000-6-2 UL 508
<b>Product Certifications</b>	C-tick cULus CE KCC UKCA UKEX
<b>Ambient air temperature for operation</b>	32...131 °F (0...55 °C)
<b>Ambient air temperature for storage</b>	-4...140 °F (-20...60 °C)
<b>Relative humidity</b>	10...90 % without condensation
<b>Operating altitude</b>	< 6561.68 ft (2000 m)
<b>IP degree of protection</b>	IP20 IEC 60529 rear panel) IP65 IEC 60529 front panel)
<b>NEMA degree of protection</b>	NEMA 4X front panel (indoor use)
<b>Shock resistance</b>	147 m/s <sup>2</sup> 3 chocks in each direction X, Y and Z IEC 61131-2
<b>Vibration resistance</b>	3.5 mm 5...9 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - IEC 61131-2 1 gn 9...150 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - IEC 61131-2
<b>Resistance to electrostatic discharge</b>	6 kV contact discharge IEC 61000-4-2 level 3

## Ordering and shipping details

<b>Category</b>	US10MC222569
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Discount Schedule	0MC2
GTIN	3606480841835
Returnability	No
Country of origin	CN

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.75 in (14.6 cm)
Package 1 Width	10.39 in (26.4 cm)
Package 1 Length	12.05 in (30.6 cm)
Package weight(Lbs)	3.757 lb(US) (1.704 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	15.75 in (40.0 cm)
Package 2 Length	23.62 in (60.0 cm)
Package 2 Weight	16.958 lb(US) (7.692 kg)
Unit Type of Package 3	PAL
Number of Units in Package 3	40
Package 3 Height	5.91 in (15.0 cm)
Package 3 Width	43.31 in (110.0 cm)
Package 3 Length	43.31 in (110.0 cm)
Package 3 Weight	208.3 lb(US) (94.5 kg)



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 CO<sub>2</sub> eq, Total Life cycle) **620**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

F-gas usage performance Only air and vacuum used for insulation / breaking, no F-gas including SF<sub>6</sub>

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