Product data sheet

Specifications



Advanced touchscreen panel, Harmony GTO, 3.5 Color Touch QVGA TFT, coated display

HMIGTO1300FC

Product availability : Stock - Normally stocked in distribution facility

Price* : 594.00 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 F1...F6
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	Taiwanese (traditional Chinese) ASCII (European characters) Korean Japanese (ANK, Kanji) 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	5.2 W when power is not supplied to external devices 4.2 W when backlight is OFF 4.3 W when backlight is dimmed 9.6 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.

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

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 2400...115200 bps COM2 serial link RJ45 RS485 2400...115200 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	5.20 in (132 mm)
Height	4.17 in (106 mm)
Depth	1.65 in (42 mm)
Product Weight	0.88 lb(US) (0.4 kg)

Environment

Standards	EN 61131-2 IEC 61000-6-2 UL 508
Product Certifications	C-tick KCC CE cULus
Ambient Air Temperature for Operation	32…122 °F (0…50 °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	9.8 m/s² 9…150 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - EN/IEC 61131-2 3.5 mm 5…9 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	22569-MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	3606480841866
Nbr. of units in pkg.	1
Package weight(Lbs)	26.28 oz (745.0 g)
Returnability	No

Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	4.92 in (12.5 cm)
Package 1 width	7.28 in (18.5 cm)
Package 1 Length	8.46 in (21.5 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Weight	6.59 lb(US) (2.988 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)