Product data sheet
Characteristics

HMIGTO5310FCW
Advanced touchscreen panel, Harmony GTO, 10.4 Color Touch VGA TFT, coated display without logo

Main

Range of Product	Harmony GTO
Product or Component Type	Advanced touchscreen panel
Display colour	65536 colours
Display size	10.4 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	Chinese (simplified Chinese) Taiwanese (traditional Chinese) ASCII Korean Japanese (ANK, Kanji)
[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
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	10.73 in (272.5 mm)
Height	8.44 in (214.5 mm)
Depth	2.24 in (57 mm)
Net Weight	4.41 lb(US) (2 kg)

Environment

Standards	EN 61131-2
	IEC 61000-6-2
	UL 508
Product Certifications	CULus
	KCC
	CE
	C-tick
	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	22569-MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	3606480841897
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.89 in (17.5 cm)
Package 1 Width	11.81 in (30.0 cm)
Package 1 Length	13.78 in (35.0 cm)
Package 1 Weight	5.94 lb(US) (2.695 kg)

Unit Type of Package 2	CAR
Number of Units in Package 2	2
Package 2 Height	16.14 in (41.0 cm)
Package 2 Width	12.80 in (32.5 cm)
Package 2 Length	14.76 in (37.5 cm)
Package 2 Weight	12.57 lb(US) (5.7 kg)

Offer Sustainability

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
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.