# Product data sheet
## Characteristics

# HMIGTO4310FCW
## Advanced touchscreen panel, Harmony GTO, 7.5 Color Touch VGA TFT, coated display without logo

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

Price*: 4043.00 USD



## 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<br>16 levels by software |
| Character font | Korean<br>Taiwanese (traditional Chinese)<br>ASCII<br>Japanese (ANK, Kanji)<br>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<br>5 W when backlight is OFF<br>5.5 W when backlight is dimmed<br>12 W |

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|---|---|
| Local signalling | Status LED green, steady offline<br>Status LED green, steady operating<br>Status LED orange, flashing software starting up<br>Status LED red, steady power supply (ON)<br>Status LED clear, faded power supply (OFF)<br>COM2 LED yellow, steady data is being transmitted<br>COM2 LED yellow, faded no data transmission<br>SD card LED green, steady card is inserted<br>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<br>SDHC card, <= 32 GB |
| Downloadable protocols | Schneider Electric Modicon Modbus<br>Schneider Electric Modicon Uni-TE<br>Schneider Electric Modicon Modbus Plus<br>Schneider Electric Modicon FIPWAY<br>Mitsubishi Melsec third party protocols<br>Omron Sysmac third party protocols<br>Rockwell Automation Allen-Bradley third party protocols<br>Siemens Simatic third party protocols<br>Schneider Electric Modicon Modbus TCP |
| Integrated connection type | COM1 serial link SUB-D 9 RS232C 2400...115200 bps<br>COM2 serial link RJ45 RS485 2400...115200 bps<br>COM2 serial link RJ45 RS485 187.5 kbps Siemens MPI<br>Ethernet RJ45 10BASE-T/100BASE-TX<br>Ethernet RJ45 IEEE 802.3<br>USB 2.0 type A<br>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) |
| Product Weight | 2.65 Lb(US) (1.2 kg) |

## Environment

| | |
|---|---|
| Standards | IEC 61000-6-2<br>EN 61131-2<br>UL 508 |
| Product Certifications | C-tick<br>CE<br>KCC<br>cULus |
| 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 (rear panel) conforming to IEC 60529<br>IP65 (front panel) conforming to IEC 60529 |
| 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<br>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 | 3606480841903 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 3.48 Lb(US) (1.58 kg) |
| Returnability | No |
| Country of origin | CN |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 5.59 In (14.2 cm) |
| Package 1 width | 10.39 In (26.4 cm) |
| Package 1 Length | 11.81 In (30 cm) |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 4 |
| Package 2 Weight | 16.96 Lb(US) (7.692 kg) |
| Package 2 Height | 11.81 In (30 cm) |
| Package 2 width | 15.75 In (40 cm) |
| Package 2 Length | 23.62 In (60 cm) |

Product Life Status : Commercialised