HMIGTO6310
advanced touchscreen panel 800 x 600 pixels
SVGA- 12.1” TFT - 96 MB

Main
Range of product Magelis GTO
Product or component type Advanced touchscreen panel
Display colour 65536 colours
Display size 12.1 inch
Supply External source
Operating system Magelis
Battery type Lithium battery for internal RAM, autonomy: 100 days, charging time = 5 day(s), battery life = 10 year(s)

Complementary
Terminal type Touchscreen display
Display type Backlight 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 at 25 °C
Brightness 16 levels - control by touch panel
16 levels - control by software
Character font Taiwanese (traditional Chinese)
ASCII (European characters)
Chinese (simplified Chinese)
Japanese (ANK, Kanji)
Korean

[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

Jan 2, 2020
### Local signalling
- Status LED green, steady for offline
- Status LED green, steady for operating
- Status LED orange, flashing for software starting up
- Status LED red, steady for power supply (ON)
- Status LED clear, faded for power supply (OFF)
- COM2 LED yellow, steady for data is being transmitted
- COM2 LED yellow, faded for no data transmission
- SD card LED green, steady for card is inserted
- SD card LED green, faded for 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, interface: RS232C, transmission rate: 2400...115200 bps
- COM2 serial link RJ45, interface: RS485, transmission rate: 2400...115200 bps
- COM2 serial link RJ45, interface: RS485, transmission rate: 187.5 kbps compatible with Siemens MPI
- Ethernet RJ45, interface: 10BASE-T/100BASE-TX
- Ethernet RJ45, interface: 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

### Environment

<table>
<thead>
<tr>
<th>Standards</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL 508</td>
<td></td>
</tr>
<tr>
<td>EN 61131-2</td>
<td></td>
</tr>
<tr>
<td>IEC 61000-6-2</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Product certifications</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Tick</td>
<td></td>
</tr>
<tr>
<td>KCC</td>
<td></td>
</tr>
<tr>
<td>CUlus</td>
<td></td>
</tr>
<tr>
<td>CE</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Ambient air temperature for operation</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient air temperature for storage</td>
<td></td>
</tr>
<tr>
<td>Relative humidity</td>
<td></td>
</tr>
<tr>
<td>Operating altitude</td>
<td></td>
</tr>
<tr>
<td>IP degree of protection</td>
<td></td>
</tr>
<tr>
<td>NEMA degree of protection</td>
<td></td>
</tr>
<tr>
<td>Shock resistance</td>
<td></td>
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<tr>
<td>Vibration resistance</td>
<td></td>
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<tr>
<td>Resistance to electrostatic discharge</td>
<td></td>
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</tbody>
</table>

### Width
- 315 mm

### Height
- 241 mm

### Depth
- 56 mm

### Net weight
- 2.5 kg
### Offer Sustainability

<table>
<thead>
<tr>
<th>Sustainable offer status</th>
<th>Green Premium product</th>
</tr>
</thead>
<tbody>
<tr>
<td>REACh Regulation</td>
<td>REACh Declaration</td>
</tr>
<tr>
<td>REACh free of SVHC</td>
<td>Yes</td>
</tr>
<tr>
<td>EU RoHS Directive</td>
<td>Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration</td>
</tr>
<tr>
<td>Mercury free</td>
<td>Yes</td>
</tr>
<tr>
<td>RoHS exemption information</td>
<td>Yes</td>
</tr>
<tr>
<td>China RoHS Regulation</td>
<td>China RoHS declaration</td>
</tr>
<tr>
<td>WEEE</td>
<td>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins</td>
</tr>
</tbody>
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### Contractual warranty

| Warranty | 18 months |