## Characteristics

### Main

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of product</td>
<td>Magelis XBTGT</td>
</tr>
<tr>
<td>Product or component type</td>
<td>Advanced touchscreen panel</td>
</tr>
<tr>
<td>Display type</td>
<td>Backlit monochrome STN LCD</td>
</tr>
<tr>
<td>Display colour</td>
<td>16 levels of grey</td>
</tr>
<tr>
<td></td>
<td>Black and white</td>
</tr>
<tr>
<td>Display resolution</td>
<td>320 x 240 pixels QVGA</td>
</tr>
<tr>
<td>Display size</td>
<td>5.7 inch</td>
</tr>
<tr>
<td>Software type</td>
<td>Configuration software</td>
</tr>
<tr>
<td>Software designation</td>
<td>Vijeo Designer</td>
</tr>
<tr>
<td>Operating system</td>
<td>Magelis</td>
</tr>
<tr>
<td>Processor name</td>
<td>CPU RISC</td>
</tr>
<tr>
<td>Processor frequency</td>
<td>133 MHz</td>
</tr>
<tr>
<td>Memory description</td>
<td>512 kB SRAM back up of data with lithium battery back-up</td>
</tr>
<tr>
<td>Resistance to electrostatic discharge</td>
<td>6 kV conforming to IEC 61000-4-2 level 3</td>
</tr>
<tr>
<td>Cut-out dimensions</td>
<td>156 (+ 1/- 0) x 123.5 (+ 1/- 0) mm</td>
</tr>
</tbody>
</table>

### Complementary

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch sensitive zone</td>
<td>1024 x 1024</td>
</tr>
<tr>
<td>Touch panel</td>
<td>Analogue</td>
</tr>
<tr>
<td>Backlight lifespan</td>
<td>58000 hours</td>
</tr>
<tr>
<td>Brightness</td>
<td>8 levels via touch panel</td>
</tr>
<tr>
<td>Contrast</td>
<td>8 levels via touch panel</td>
</tr>
<tr>
<td>Character font</td>
<td>Chinese (simplified Chinese)</td>
</tr>
<tr>
<td></td>
<td>Korean</td>
</tr>
<tr>
<td></td>
<td>ASCII (European characters)</td>
</tr>
<tr>
<td></td>
<td>Japanese (ANK, Kanji)</td>
</tr>
<tr>
<td></td>
<td>Taiwanese (traditional Chinese)</td>
</tr>
<tr>
<td>[Us] rated supply voltage</td>
<td>24 V DC</td>
</tr>
<tr>
<td>Supply</td>
<td>External source</td>
</tr>
</tbody>
</table>

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.
### Supply voltage limits
19.2...28.8 V

### Inrush current
<= 30 A

### Power consumption in W
26 W

### Local signalling
1 LED with green or orange for normal operation or backlighting faulty

### Number of pages
Limited by internal memory capacity

### Downloadable protocols
- FIPWAY Telemecanique Modicon
- Modbus Plus Telemecanique Modicon
- Modbus TCP/IP Telemecanique Modicon
- Modbus Telemecanique Modicon
- Third party protocols Mitsubishi Melsec
- Third party protocols Omron Sysmac
- Third party protocols Rockwell Automation Allen-Bradley
- Third party protocols Siemens Simatic
- Uni-TE Telemecanique Modicon

### Realtime clock
Built-in

### Use of slot
For 1 fieldbus communication card (Device Net, Profibus DP)

### Port Ethernet
10BASE-T/100BASE-TX

### Product mounting
Flush mounting

### Fixing mode
- By 2 spring clips
- By 4 screw clamps

### Front material
Aluminium alloy

### Enclosure material
PPT

### Marking
CE

### Dimensions
- Width: 167.5 mm
- Height: 135 mm
- Depth: 59.5 mm
- Product weight: 1 kg

### Environment
- Immunity to microbreaks: <= 5 ms
- Standards:
  - IEC 61000-6-2
  - CSA C22.2 No 14
  - UL 1604
  - UL 508
  - FCC Class A
  - EN 61131-2
  - CSA Class 1 Division 2 T4A
  - CSA Class 1 Division 2 T5
  - ATEX zone 2/22
  - UL Class 1 Division 2 T5
  - UL Class 1 Division 2 T4A
  - C-Tick
  - cULus
- Ambient air temperature for operation: 0...50 °C
- Ambient air temperature for storage: -20...60 °C
- Relative humidity: 0...90 % without condensation
- Operating altitude: < 2000 m
- IP degree of protection:
  - IP20 (rear panel) conforming to IEC 60529
  - IP65 (front panel) conforming to IEC 60529
- NEMA degree of protection: NEMA 4X front panel (indoor use)
- Shock resistance: 15 gn for 11 ms conforming to IEC 60068-2-27
- Resistance to electromagnetic fields: 10 V/m conforming to IEC 61000-4-3
- Resistance to fast transients: 2 kV conforming to IEC 61000-4-4 level 3

### Offer Sustainability
- Sustainable offer status: Green Premium product
- RoHS (date code: YYWW): Compliant
- Schneider Electric declaration of conformity
XBTGT2130 is replaced by the following group of products:

**Advanced Display HMDT351**
7W Touch Advanced Display WVGA
Qty 1

**Box Module HMIG3U**
Premium BOX for Universal Panel
Qty 1

Reason for Substitution: End of life | Substitution date: 07 January 2014

Or XBTGT2130 is replaced by:

**Advanced Panels HMGTO2310**
advanced touchscreen panel 320 x 240 pixels QVGA- 5.7" TFT - 96 MB
Qty 1

Reason for Substitution: End of life | Substitution date: 07 January 2012