## Main

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Specification</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>8 levels of grey</td>
</tr>
<tr>
<td></td>
<td>Amber or red</td>
</tr>
<tr>
<td>Display resolution</td>
<td>320 x 240 pixels QVGA</td>
</tr>
<tr>
<td>Display size</td>
<td>3.8 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>200 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></td>
<td>32 MB flash EPROM application memory</td>
</tr>
<tr>
<td>Integrated connection type</td>
<td>removable screw terminal block connector power supply</td>
</tr>
<tr>
<td></td>
<td>RJ45 connector Ethernet TCP/IP</td>
</tr>
<tr>
<td></td>
<td>RJ45 connector COM1 serial link with RS232C/RS485 interface at &lt;= 115.2 kbits/s</td>
</tr>
<tr>
<td></td>
<td>USB type A master port (V1.1), compatible with Modicon M340 terminal port communication</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>118 (+ 1/- 0) x 92.5 (+ 1/- 0) mm</td>
</tr>
</tbody>
</table>

## Complementary

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch panel</td>
<td>Analogue</td>
</tr>
<tr>
<td>Backlight lifespan</td>
<td>10000 hours with red</td>
</tr>
<tr>
<td></td>
<td>50000 hours with amber</td>
</tr>
<tr>
<td>Brightness</td>
<td>16 levels</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>Taiwanese (traditional Chinese)</td>
</tr>
<tr>
<td></td>
<td>Japanese (ANK, Kanji)</td>
</tr>
<tr>
<td></td>
<td>ASCII</td>
</tr>
<tr>
<td>[Us] rated supply voltage</td>
<td>24 V DC</td>
</tr>
<tr>
<td>Supply</td>
<td>External source</td>
</tr>
<tr>
<td>Supply voltage limits</td>
<td>19.2…28.8 V</td>
</tr>
</tbody>
</table>
### Inrush current
60 A

### Power consumption in W
13 W

### Local signalling
1 LED (green) normal operation:

### Number of pages
Limited by internal memory capacity

### Downloadable protocols
- Telemecanique Modicon Modbus TCP
- Telemecanique Modicon Modbus
- Mitsubishi Melsec third party protocols
- Omron Sysmac third party protocols
- Rockwell Automation Allen-Bradley third party protocols
- Siemens Simatic third party protocols
- Telemecanique Modicon Uni-TE

### Realtime clock
Built-in

### Port Ethernet
100BASE-TX

### Product mounting
Flush mounting

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

### Front material
PPT

### Enclosure material
PPT

### Marking
CE

### Width
130 mm

### Height
104 mm

### Depth
40 mm

### Net weight
0.4 kg

## Environment

### Immunity to microbreaks
2 ms

### Standards
- UL 508
- IEC 61000-6-2
- UL 1604
- FCC Class A
- CSA C22.2 No 14
- EN 61131-2

### Product certifications
- UL Class 1 Division 2 T4A
- CSA Class 1 Division 2 T5
- ATEX zone 2/22
- CSA Class 1 Division 2 T4A
- UL Class 1 Division 2 T5
- CULus
- C-Tick

### 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

### Vibration resistance
- 1 gn conforming to IEC 60068-2-6 (f = 9…150 Hz)
- 3.5 mm conforming to IEC 60068-2-6 (f = 5…9 Hz)

### 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

## Contractual warranty

### Warranty
18 months

XBGT1135 is replaced by:
Advanced Panels HMGTO1310
advanced touchscreen panel 320 x 240 pixels QVGA - 3.5" TFT - 96 MB
Qty 1
Reason for Substitution: End of life | Substitution date: 07 January 2012