# Product data sheet
## Characteristics

# XBTN200
small panel with keypad - with alphanumeric screen - green - 5 V

## Main

| | |
|---|---|
| Range of product | Magelis XBTN |
| Product or component type | Small panel with keypad |
| Software type | Configuration software |
| Software designation | Vijeo Designer Lite |
| Operating system | Magelis |

## Complementary

| | |
|---|---|
| Display type | Extra-bright alphanumeric backlit LCD |
| Display colour | Green |
| Character font | ASCII<br>Katakana |
| [Us] rated supply voltage | 5 V DC |
| Supply | From PLC (terminal port) |
| Number of key | 8 |
| Number of fixed keys | 4 |
| Number of customisable keys | 4 |
| Number of pages | 128 application pages |
| Memory type | Flash |
| Memory capacity | 512 kB |
| Integrated connection type | Serial link female RJ45, asynchronous RS232C/RS485)point-to-point |
| Realtime clock | Access to the PLC real-time clock |
| Product mounting | Flush mounting |
| Fixing mode | By 2 spring clips |
| Display material | Polyester |
| Front material | PPT |
| Keypad material | Polyester |
| Marking | CE |
| Maximum Width | 5.20 in (132 mm) |
| Maximum Height | 2.91 in (74 mm) |
| Maximum Depth | 1.69 in (43 mm) |
| Cut-out dimensions | 119.4 (+/- 0.5) x 63 (+/- 0.4) mm |
| Net Weight | 0.79 lb(US) (0.36 kg) |

## Environment

| | |
|---|---|
| Messages display capacity | 2 lines of 20 characters |
| Downloadable protocols | Uni-TE<br>Modbus |
| Standards | IEC 60068-2-27<br>UL 508<br>IEC 61131-2<br>CSA C22.2 No 14<br>IEC 60068-2-6 |
| Product certifications | ATEX zone 2/22<br>UL 1604<br>CSA Class 1 Division 2<br>UL Class 1 Division 2 |
| Ambient air temperature for operation | 32…131 °F (0…55 °C) |
| Ambient air temperature for storage | -4…140 °F (-20…60 °C) |
| Relative humidity | 0…85 % without condensation |
| IP degree of protection | IP20 IEC 60529 rear panel)<br>IP65 IEC 60529 front panel) |
| NEMA degree of protection | NEMA 4X front panel outdoor use) |
| Shock resistance | 15 gn 11 ms |
| Vibration resistance | +/- 3.5 mm 2…8.45 Hz)<br>1 gn 8.45…150 Hz) |

## Ordering and shipping details

| | |
|---|---|
| Category | 22570 - MAGELIS TEXT DISPLAYS & ACCESS |
| Discount Schedule | MC2 |
| GTIN | 00785901485049 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.83 lb(US) (0.38 kg) |
| Returnability | Yes |
| Country of origin | CN |

## Packing Units

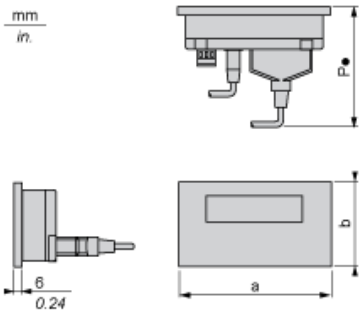| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.81 in (4.6 cm) |
| Package 1 width | 6.34 in (16.1 cm) |
| Package 1 Length | 9.13 in (23.2 cm) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 11 |
| Package 2 Weight | 11.45 lb(US) (5.194 kg) |
| Package 2 Height | 11.81 in (30 cm) |
| Package 2 width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

## Offer Sustainability

| | |
|---|---|
| REACh free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

## Contractual warranty

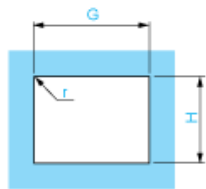| | |
|---|---|
| Warranty | 18 months |

## Dimensions



| a | | b | | b1 (1) | | P1 (2) | |
|---|---|---|---|---|---|---|---|
| mm | in. | mm | in. | mm | in. | mm | in. |
| 132 | 5.19 | 74 | 3 | 104 | 4.09 | 78 | 3.07 |

(1)   With fixing clips (included with product)
(2)   P1: depth with RJ45 cable XBTZ9780 (for Twido, TSX Micro and Premium)

## Cut-out for Flush Mounting



Panel thickness = 1.5...6 mm / 0.05...0.23 in.

| H | | G | | r max. | |
|---|---|---|---|---|---|
| ±0.4 mm | ±0.02 in. | ±0.5 mm | ±0.02 in. | mm | in. |
| 63 | 2.48 | 119.4 | 5 | 1.5 | 0.05 |