



Commercial status

Discontinued on: 18 January 2021

To be end-of-service on: 23 December 2022

 Restricted Sales for Services

Main

| | |
|---------------------------|-------------------------|
| Range of product | Magelis XBTN |
| Product or component type | Small panel with keypad |
| Display resolution | 122 x 32 pixels |
| Software type | Configuration software |
| Software designation | Vijeo Designer Lite |
| Operating system | Magelis |

Complementary

| | |
|--------------------------------|---|
| Display type | Extra-bright matrix backlit LCD |
| Display colour | Red Green Orange |
| Character font | ASCII Katakana Chinese (simplified Chinese) Greek Cyrillic |
| [Us] rated supply voltage | 24 V DC |
| Supply | External source |
| Supply voltage limits | 18...30 V |
| Residual ripple | 1200 mV |
| Maximum power consumption in W | 5 W |
| Number of key | 8 |
| Number of fixed keys | 4 |
| Number of customisable keys | 4 |
| Local signalling | 6 LEDs |
| Number of pages | 256 alarm pages 200 application pages |
| Memory type | Flash |
| Memory capacity | 512 kB |
| Integrated connection type | Power supply: removable screw terminal block Printer port: female mini DIN Serial link: female SUB-D 25, asynchronous transmission mode (RS232C/RS485) multidrop topology |

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

| | |
|--------------------|-----------------------------------|
| 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 |
| Width | 132 mm |
| Height | 74 mm |
| Depth | 43 mm |
| Cut-out dimensions | 119.4 (+/- 0.5) x 63 (+/- 0.4) mm |
| Net weight | 0.38 kg |

Environment

| | |
|---------------------------------------|---|
| Messages display capacity | 4 lines of 20 characters maximum 1 line of 5 characters minimum |
| Downloadable protocols | Uni-TE Modbus Third party protocols |
| Standards | IEC 60068-2-6 IEC 61131-2 CSA C22.2 No 14 IEC 60068-2-27 UL 508 |
| Product certifications | UL 1604 ATEX zone 2/22 CSA Class 1 Division 2 UL Class 1 Division 2 |
| Ambient air temperature for operation | 0...55 °C |
| Ambient air temperature for storage | -20...60 °C |
| Relative humidity | 0...85 % without condensation |
| 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 (outdoor use) |
| Shock resistance | 15 gn for 11 ms |
| Vibration resistance | +/- 3.5 mm (f = 2...8.45 Hz) 1 gn (f = 8.45...150 Hz) |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 440 g |
| Package 1 Height | 4.5 cm |
| Package 1 width | 16.2 cm |
| Package 1 Length | 23.5 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 11 |
| Package 2 Weight | 5.495 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |

Offer Sustainability

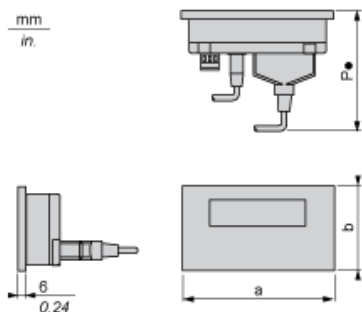
| | |
|--------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |

| | |
|----------------------------|---|
| 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 |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

Contractual warranty

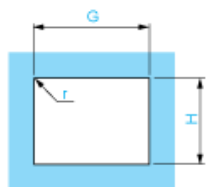
| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions



| a | | b | | b1 (1) | | P3 (2) | | P4 (3) | |
|--|------|----|-----|--------|------|--------|------|--------|------|
| mm | in. | mm | in. | mm | in. | mm | in. | mm | in. |
| 132 | 5.19 | 74 | 3 | 104 | 4.09 | 58 | 2.28 | 104 | 4.09 |
| (1) With fixing clips (included with product) (2) P3: depth with 25-way SUB-D angled cable XBTZ9680 (for Twido, TSX Micro and Premium) or XBTZ998 (for Modicon STB) (3) P4: depth with 25-way SUB-D cable XBTZ68/Z9681(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 |

XBTN401 may be replaced by any of the following products:



Small Panels HMISTO705

Touch panel screen, Harmony STO & STU, 4.3" wide RS 232 terminal block

Qty 1



Small Panels HMISTO715

Touch panel screen, Harmony STO & STU, 4.3" wide RS 232/485 RJ45

Qty 1