# Product data sheet

Specifications

## Small panel with keypad, with matrix screen, G O R, 122 x 32 pixels, 24V

XBTN401

⚠ Discontinued on: Feb 17, 2021

⚠ End-of-service on: Dec 23, 2022

⚠ **Discontinued**

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## 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<br>Green<br>Orange |
| Character Font | ASCII<br>Katakana<br>Chinese (simplified Chinese)<br>Greek<br>Cyrillic |
| [Us] Rated Supply Voltage | 24 V DC |
| Supply | External source |
| Supply Voltage Limits | 18…30 V |
| Residual Ripple | 1200 mV |
| 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<br>200 application pages |
| Memory Type | Flash |
| Memory Capacity | 512 KB |
| Integrated Connection Type | Power supply removable screw terminal block<br>Printer port female mini DIN<br>Serial link female SUB-D 25, asynchronous RS232C/RS485)multidrop |
| Realtime Clock | Access to the PLC real-time clock |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

| | |
|---|---|
| **Product Mounting** | Flush mounting |
| **Fixing Mode** | By 2 spring clips |
| **Display Material** | Polyester |
| **Front Material** | PPT |
| **Keypad Material** | Polyester |
| **Marking** | CE |
| **Width** | 5.20 in (132 mm) |
| **Height** | 2.91 in (74 mm) |
| **Depth** | 1.69 in (43 mm) |
| **Cut-Out Dimensions** | 119.4 (+/- 0.5) x 63 (+/- 0.4) mm |
| **Net Weight** | 0.84 lb(US) (0.38 kg) |

## Environment

| | |
|---|---|
| **Messages Display Capacity** | 4 lines of 20 characters maximum<br>1 line of 5 characters minimum |
| **Downloadable Protocols** | Uni-TE<br>Modbus<br>Third party protocols |
| **Standards** | IEC 60068-2-6<br>IEC 61131-2<br>CSA C22.2 No 14<br>IEC 60068-2-27<br>UL 508 |
| **Product Certifications** | UL 1604<br>ATEX zone 2/22<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** | US10MC222570 |
| **Discount Schedule** | 0MC2 |
| **Gtin** | 3389110379969 |
| **Returnability** | No |
| **Country Of Origin** | FR |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |

| | |
|---|---|
| **Package 1 Height** | 1.77 in (4.5 cm) |
| **Package 1 Width** | 6.38 in (16.2 cm) |
| **Package 1 Length** | 9.25 in (23.5 cm) |
| **Package 1 Weight** | 15.52 oz (440.0 g) |
| **Unit Type Of Package 2** | S03 |
| **Number Of Units In Package 2** | 11 |
| **Package 2 Height** | 11.81 in (30.0 cm) |
| **Package 2 Width** | 11.81 in (30.0 cm) |
| **Package 2 Length** | 15.75 in (40.0 cm) |
| **Package 2 Weight** | 12.11 lb(US) (5.495 kg) |

## Contractual warranty

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

# Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

## Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information     Yes

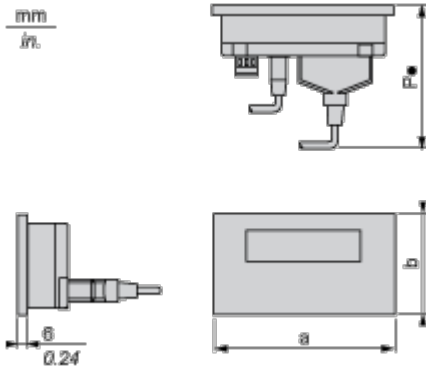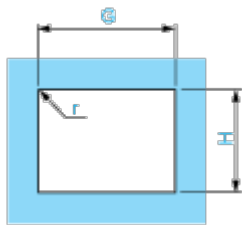| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Pro-active compliance (Product out of EU RoHS legal scope) |
| **China Rohs Regulation** | China RoHS declaration |
| **Weee** | The product must be disposed on European Union markets following specific waste collection 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 |

Dimensions Drawings

**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) |

Mounting and Clearance

## 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 |