# Product data sheet

Specifications

## Small panel with keypad, with matrix screen, green, 122 x 32 pixels, 24V

XBTN410

⚠ **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 | Green |
| Character Font | Greek<br>Katakana<br>Chinese (simplified Chinese)<br>Cyrillic<br>ASCII |
| [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 |
| Number Of Pages | 200 application pages<br>256 alarm pages |
| Memory Type | Flash |
| Memory Capacity | 512 KB |
| Integrated Connection Type | Power supply removable screw terminal block<br>Serial link female SUB-D 25, asynchronous RS232C/RS485)multidrop |
| Realtime Clock | Access to the PLC real-time clock |
| Product Mounting | Flush mounting |
| Fixing Mode | By 2 spring clips |

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

| | |
|---|---|
| **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** | 1 line of 5 characters minimum<br>4 lines of 20 characters maximum |
| **Downloadable Protocols** | Modbus<br>Third party protocols<br>Uni-TE |
| **Standards** | CSA C22.2 No 14<br>IEC 61131-2<br>IEC 60068-2-27<br>IEC 60068-2-6<br>UL 508 |
| **Product Certifications** | ATEX zone 2/22<br>UL Class 1 Division 2<br>UL 1604<br>CSA 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** | 3389119000024 |
| **Returnability** | No |
| **Country Of Origin** | CN |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 1.97 in (5 cm) |
| **Package 1 Width** | 6.30 in (16 cm) |

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| | |
|---|---|
| **Package 1 Length** | 9.17 in (23.3 cm) |
| **Package 1 Weight** | 15.91 oz (451 g) |
| **Unit Type Of Package 2** | S03 |
| **Number Of Units In Package 2** | 11 |
| **Package 2 Height** | 11.81 in (30 cm) |
| **Package 2 Width** | 11.81 in (30 cm) |
| **Package 2 Length** | 15.75 in (40 cm) |
| **Package 2 Weight** | 12.63 lb(US) (5.729 kg) |

# Contractual warranty

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

# Sustainability

**Green Premium<sup>TM</sup> 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**
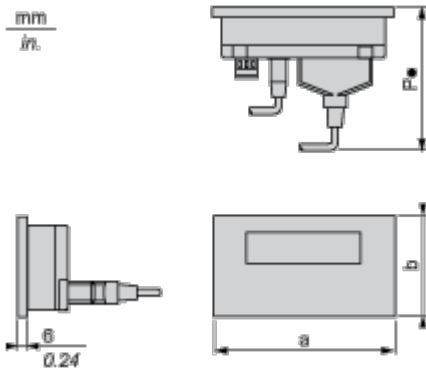


| a | | b | | b1 (1) | | P3 (2) | | P4 (3) | |
|---|---|---|---|---|---|---|---|---|---|
| mm | in. | mm | in. | mm | in. | mm | in. | mm | in. |
| 132 | 5.19 | 74 | 3 | 104 | 4.09 | 58 | 2.28 | 104 | 4.09 |

(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
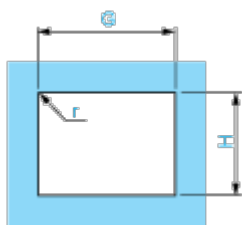


Panel thickness = 1.5...6 mm / 0.05...0.23 in.

| 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 |

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