

# Product data sheet

Specifications



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

XBTR410

Discontinued on: Jan 18, 2021

End-of-service on: Dec 23, 2022

Discontinued

## Main

|                      |                        |
|----------------------|------------------------|
| Range Of Product     | Magelis XBTR           |
| Display Resolution   | 122 x 32 pixels        |
| Software Type        | Configuration software |
| Software Designation | Vijeo Designer Lite    |
| Operating System     | Windows                |

## Complementary

|                             |                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Display Type                | Matrix backlit LCD                                                                                                                            |
| Character Font              | Latin<br>Katakana<br>Greek<br>Cyrillic<br>Chinese (simplified Chinese)                                                                        |
| Supply Voltage Limits       | 18...30 V                                                                                                                                     |
| Residual Ripple             | <= 1200 mV                                                                                                                                    |
| Power Consumption In W      | 5 W                                                                                                                                           |
| Number Of Key               | 20                                                                                                                                            |
| Number Of Fixed Keys        | 8                                                                                                                                             |
| Number Of Customisable Keys | 12                                                                                                                                            |
| Number Of Pages             | 256 alarm pages<br>200 application pages                                                                                                      |
| Memory Type                 | Flash                                                                                                                                         |
| Memory Capacity             | 512 KB                                                                                                                                        |
| Integrated Connection Type  | Serial link: female SUB-D 25, asynchronous transmission mode (RS232C/RS485)multidrop topology<br>Power supply: removable screw terminal block |
| Realtime Clock              | Access to the PLC real-time clock                                                                                                             |
| Range Compatibility         | Twido<br>Modicon TSX Micro<br>Modicon Quantum<br>Modicon Momentum<br>Modicon Premium<br>Modicon M340                                          |
| Product Mounting            | Flush mounting                                                                                                                                |
| Fixing Mode                 | By 4 spring clips                                                                                                                             |

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

|                    |                                      |
|--------------------|--------------------------------------|
| Display Material   | Polyester                            |
| Front Material     | PPT                                  |
| Keypad Material    | Polyester                            |
| Marking            | CE                                   |
| Height             | 118 mm                               |
| Width              | 137 mm                               |
| Depth              | 39 mm                                |
| Cut-Out Dimensions | 119.6 (+/- 0.5) x 105.2 (+/- 0.4) mm |
| Net Weight         | 0.55 kg                              |

## Environment

|                                       |                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------|
| Product Or Component Type             | Small panel with keypad                                                                 |
| Display Colour                        | Green                                                                                   |
| Display Capacity                      | 1 line of 5 characters minimum<br>4 lines of 20 characters maximum                      |
| [Us] Rated Supply Voltage             | 24 V DC                                                                                 |
| Supply                                | External source                                                                         |
| Downloadable Protocols                | Third party protocols<br>Modbus<br>Uni-TE                                               |
| Standards                             | UL 508<br>IEC 60068-2-27<br>IEC 60068-2-6<br>IEC 61131-2<br>CSA C22.2 No 14             |
| Product Certifications                | CSA Class 1 Division 2<br>ATEX zone 2/22<br>UL Class 1 Division 2<br>UL 1604            |
| 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<br>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)<br>1 gn (f= 8.45...150 Hz)                                  |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 4.8 cm  |
| Package 1 Width              | 17.5 cm |
| Package 1 Length             | 25.0 cm |
| Package 1 Weight             | 603.0 g |
| Unit Type Of Package 2       | S03     |

|                              |          |
|------------------------------|----------|
| Number Of Units In Package 2 | 10       |
| Package 2 Height             | 30.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 6.686 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<sub>2</sub> 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 >](#)

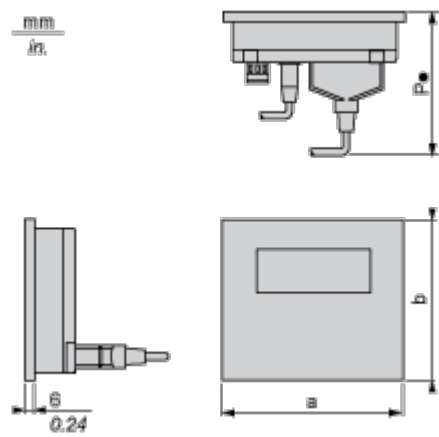
[Guide to assess a product's sustainability >](#)

## Well-being performance

|                                                                                   |                            |                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Reach Free Of Svhc         |                                                                                                                                                                                                                                                                                             |
|  | Mercury Free               |                                                                                                                                                                                                                                                                                             |
|  | Rohs Exemption Information | Yes                                                                                                                                                                                                                                                                                         |
|                                                                                   |                            |                                                                                                                                                                                                                                                                                             |
| Reach Regulation                                                                  |                            | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
|                                                                                   |                            |                                                                                                                                                                                                                                                                                             |
| Eu Rohs Directive                                                                 |                            | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                  |
|                                                                                   |                            |                                                                                                                                                                                                                                                                                             |
| China Rohs Regulation                                                             |                            | <a href="#">China RoHS declaration</a>                                                                                                                                                                                                                                                      |
|                                                                                   |                            |                                                                                                                                                                                                                                                                                             |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Dimensions Drawings

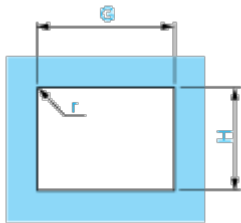
Dimensions



| a                                                                                                                                                                                                                                                              |      | a1 (1) |      | b   |     | b1 (1) |     | P3 (2) |      | P4 (3) |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|------|-----|-----|--------|-----|--------|------|--------|------|
| mm                                                                                                                                                                                                                                                             | in.  | mm     | in.  | mm  | in. | mm     | in. | mm     | in.  | mm     | in.  |
| 137                                                                                                                                                                                                                                                            | 5.39 | 160    | 6.29 | 118 | 5   | 146    | 6   | 58     | 2.28 | 104    | 4.09 |
| (1) With fixing clips (included with product)<br>(2) P3: depth with 25-way SUB-D angled cable XBTZ9680 (for Twido, TSX Micro and Premium) or XBTZ998 (for Modicon STB)<br>(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.  |
| 105.2   | 4.14      | 119.6   | 5         | 1.5    | 0.05 |