# Product data sheet
## Characteristics

# XBTN401
## Small panel with keypad, with matrix screen, G O R, 122 x 32 pixels, 24V



## Commercial status
End of Commercialisation : JAN 18, 2021

⚠ End of Commercialisation

## 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 transmission mode (RS232C/RS485)multidrop top |
| 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<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[RETURN]ATEX zone 2/22[RETURN]CSA Class 1 Division 2[RETURN]UL Class 1 Divisio |
| 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 | 4.5 Cm |
| Package 1 Width | 16.2 Cm |
| Package 1 Length | 23.5 Cm |
| Package 1 Weight | 440.0 G |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 11 |
| Package 2 Height | 30.0 Cm |
| Package 2 Width | 30.0 Cm |
| Package 2 Length | 40.0 Cm |
| Package 2 Weight | 5.495 Kg |

## Offer Sustainability

| | |
|---|---|
| REACh free of SVHC | Yes |
| Mercury free | Yes |
| Sustainable packaging | No |
| SCIP Number | 5629a25e-5f99-4543-b10b-02074614e81c |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

Product Life Status : End of commercialisation

## XBTN401 may be replaced by any of the following products:



### HMISTO705

touch panel screen, Harmony STO & STU, 4.3inch wide, RS 232 terminal block

Qty 1

Substitution date: |



### HMISTO715

touch panel screen, Harmony STO & STU, 4.3inch wide, RS 232/485 RJ45

Qty 1

Substitution date: |



### HMISTO715

touch panel screen, Harmony STO & STU, 4.3inch wide, RS 232/485 RJ45

Qty 1

Substitution date: |