

Product datasheet

Specifications



small panel with keypad - with
matrix screen - green - 24 V

XBTN410

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 Katakana Chinese (simplified Chinese) Cyrillic 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 256 alarm pages
Memory Type	Flash
Memory Capacity	512 KB
Integrated Connection Type	Power supply: removable screw terminal block Serial link: female SUB-D 25, asynchronous transmission mode (RS232C/ RS485) multidrop topology
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

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

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	1 line of 5 characters minimum 4 lines of 20 characters maximum
Downloadable Protocols	Modbus Third party protocols Uni-TE
Standards	CSA C22.2 No 14 IEC 61131-2 IEC 60068-2-27 IEC 60068-2-6 UL 508
Product Certifications	ATEX zone 2/22 UL Class 1 Division 2 UL 1604 CSA 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 Height	5 cm
Package 1 Width	16 cm
Package 1 Length	23.3 cm
Package 1 Weight	451 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	11
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.729 kg

Contractual warranty

Warranty	12 months
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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-CO₂ 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 >](#)

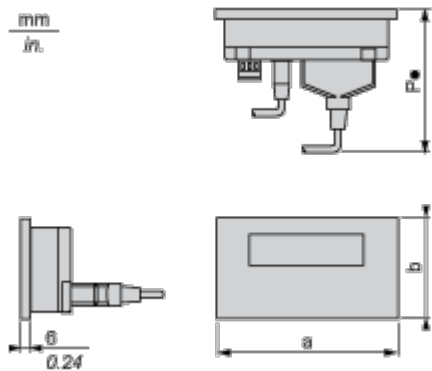
[Guide to assess a product's sustainability >](#)

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

Dimensions Drawings

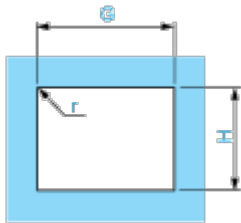
Dimensions



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
<div><div>(1) With fixing clips (included with product)</div><div>(2) P3: depth with 25-way SUB-D angled cable XBTZ9680 (for Twido, TSX Micro and Premium) or XBTZ998 (for Modicon STB)</div><div>(3) P4: depth with 25-way SUB-D cable XBTZ68/Z9681(for Twido, TSX Micro and Premium)</div></div>									

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