Product datasheet

Specifications



small panel with keypad - with matrix screen - G-O-R - 24 V

Local distributor code:

389859008 XBTN401

Discontinued on: 18 Jan 2021

End-of-service on: 12 May 2021

Discontinued

EAN Code: 3389110379969

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 Green Orange
Character font	ASCII Katakana Chinese (simplified Chinese) Greek 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 200 application pages
Memory type	Flash
Memory capacity	512 KB
Integrated connection type	Power supply: removable screw terminal block Printer port: female mini DIN Serial link: female SUB-D 25, asynchronous transmission mode (RS232C/ RS485)multidrop topology
Realtime clock	Access to the PLC real-time clock

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	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 1 line of 5 characters minimum
Downloadable protocols	Uni-TE Modbus Third party protocols
Standards	IEC 60068-2-6 IEC 61131-2 CSA C22.2 No 14 IEC 60068-2-27 UL 508
Product certifications	UL 1604 ATEX zone 2/22 CSA Class 1 Division 2 UL 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	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

Logistical informations

Country of origin	CN

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

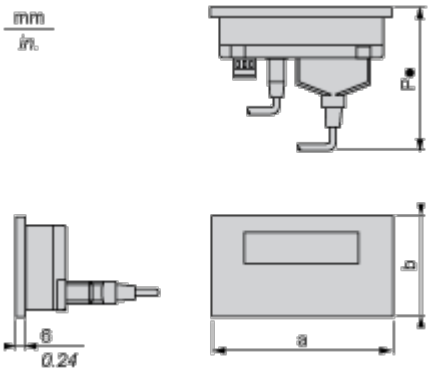
Use Better

Materials and Substances

SCIP Number	5629a25e-5f99-4543-b10b-02074614e81c
EU RoHS Directive	Compliant By Exemption

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

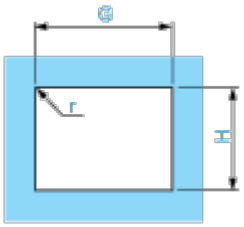
(1) With fixing clips (included with product)

(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