Product datasheet

Specifications



small panel with keypad - matrix screen - G-O-R - 122 x 32 pixels - 24 V DC

Local distributor code:

389859053 XBTR411

Discontinued

Discontinued on: 18 Jan 2021

End-of-service on: 12 May 2021

EAN Code: 3389119000055

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 Chinese (simplified Chinese) Greek Cyrillic Katakana
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
Local signalling	16 LEDs
Number of pages	200 application pages 256 alarm pages
Memory type	Flash
Memory capacity	512 KB
Integrated connection type	Serial link: female SUB-D 25, asynchronous transmission mode (RS232C/ RS485)multidrop topology Power supply: removable screw terminal block Printer port: female mini DIN
Realtime clock	Access to the PLC real-time clock
Range compatibility	Modicon Premium Modicon M340 Twido Modicon TSX Micro Modicon Momentum Modicon Quantum
Product mounting	Flush mounting

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

Fixing mode	By 4 spring clips
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 Red Orange
display capacity	4 lines of 20 characters maximum 1 line of 5 characters minimum
[Us] rated supply voltage	24 V DC
Supply	External source
Downloadable protocols	Modbus Third party protocols Uni-TE
Standards	IEC 61131-2 IEC 60068-2-6 CSA C22.2 No 14 IEC 60068-2-27 UL 508
Product certifications	CSA Class 1 Division 2 UL 1604 ATEX zone 2/22 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	4.7 cm
Package 1 Width	17.3 cm
Package 1 Length	25.5 cm

Package 1 Weight	598.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.605 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 >

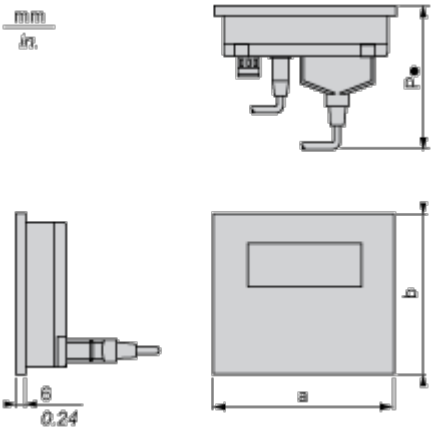
Use Better

Materials and Substances

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

Dimensions Drawings

Dimensions



a		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

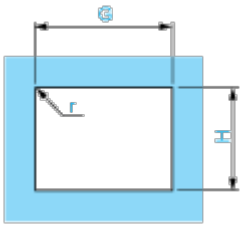
(1) With fixing clips (included with product)

(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.
105.2	4.14	119.6	5	1.5	0.05