Product data sheet
Characteristics

XBTN401
small panel with keypad - with matrix screen - G-O-R - 24 V

Product availability : Stock - Normally stocked in distribution facility

Price* : 262.00 USD

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 Orange Red
Character font	ASCII Chinese (simplified Chinese) Cyrillic Greek Katakana
[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	200 application pages 256 alarm 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
Product mounting	Flush mounting
Fixing mode	By 2 spring clips
Display material	Polyester
Front material	PPT
Keypad material	Polyester
Marking	CE
Width	5.2 in (132 mm)
Height	2.91 in (74 mm)
Depth	1.69 in (43 mm)
Cut-out dimensions	119.4 (+/- 0.5) x 63 (+/- 0.4) mm
Product weight	0.84 lb(US) (0.38 kg)

Environment

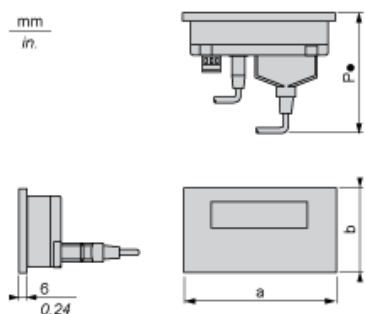|	
Messages display capacity	1 line of 5 characters minimum 4 lines of 20 characters maximum
Downloadable protocols	Modbus Third party protocols Uni-TE
Standards	IEC 60068-2-27 IEC 60068-2-6 IEC 61131-2 UL 508 CSA C22.2 No 14
Product certifications	ATEX zone 2/22 CSA Class 1 Division 2 UL Class 1 Division 2 UL 1604
Ambient air temperature for operation	32...131 °F (0...55 °C)
Ambient air temperature for storage	-4...140 °F (-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 11 ms
Vibration resistance	+/- 3.5 mm (f = 2...8.45 Hz) 1 gn (f = 8.45...150 Hz)

Ordering and shipping details

Category	22570 - MAGELIS TEXT DISPLAYS & ACCESS
Discount Schedule	MC2
GTIN	00785901673392
Nbr. of units in pkg.	1
Package weight(Lbs)	0.94000000000000006
Returnability	Y
Country of origin	CN

Contractual warranty

Warranty period	18 months

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)

Cut-out for Flush Mounting
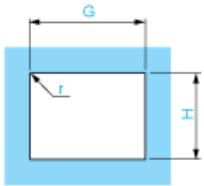
Panel thickness = 1.5...6 mm / 0.05...0.23 in.

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

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