Product data sheet
Characteristics

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



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
Maximum 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 RS232C/RS485)multidrop
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
Maximum Width	5.20 in (132 mm)
Maximum Height	2.91 in (74 mm)
Maximum Depth	1.69 in (43 mm)
Cut-out dimensions	119.4 (+/- 0.5) x 63 (+/- 0.4) mm
Net Weight	0.84 lb(US) (0.38 kg)

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It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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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	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 IEC 60529 rear panel) IP65 IEC 60529 front panel)
NEMA degree of protection	NEMA 4X front panel outdoor use)
Shock resistance	15 gn 11 ms
Vibration resistance	+/- 3.5 mm 2…8.45 Hz) 1 gn 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)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.77 in (4.5 cm)
Package 1 width	6.38 in (16.2 cm)
Package 1 Length	9.25 in (23.5 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Weight	12.11 lb(US) (5.495 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

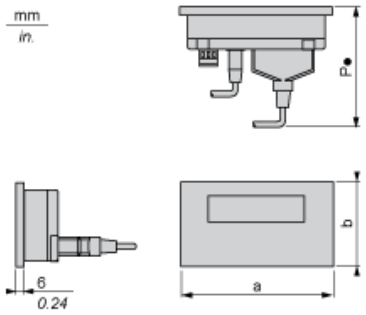
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months

Dimensions Drawings

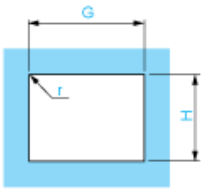
Dimensions



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)

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