Product data sheet

Specifications

small panel with keypad - with matrix screen - green - 5 V

XBTN400

⚠ Discontinued on: 17 February 2021

⚠ To be end-of-service on: 23 December 2022

⚠ Discontinued

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	ASCII Chinese (simplified Chinese) Katakana Cyrillic Greek
[Us] rated supply voltage	5 V DC
Supply	From PLC (terminal port)
Number of key	8
Number of fixed keys	4
Number of customisable keys	4
Number of pages	256 alarm pages 200 application pages
Memory type	Flash
Memory capacity	512 kB
Integrated connection type	Serial link female RJ45, asynchronous RS232C/RS485)point-to-point
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	5.20 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
Net Weight	0.79 lb(US) (0.36 kg)

Environment

Messages display capacity	4 lines of 20 characters maximum 1 line of 5 characters minimum
Downloadable protocols	Uni-TE Modbus
Standards	UL 508 IEC 61131-2 CSA C22.2 No 14 IEC 60068-2-27 IEC 60068-2-6
Product Certifications	CSA Class 1 Division 2 UL 1604 UL Class 1 Division 2 ATEX zone 2/22
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	3389110379952
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.65 in (4.2 cm)
Package 1 Width	6.34 in (16.1 cm)
Package 1 Length	9.13 in (23.2 cm)
Package 1 Weight	15.52 oz (440.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)

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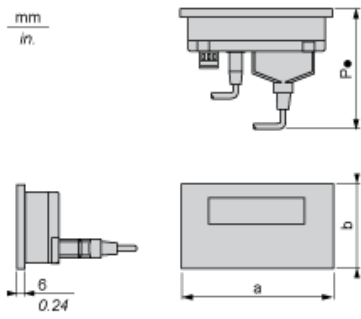| **Package 2 Length**	15.75 in (40.0 cm)
Package 2 Weight	11.49 lb(US) (5.21 kg)

Offer Sustainability

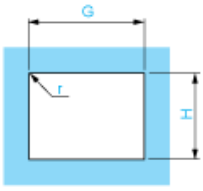| **California proposition 65**	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
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

a		b		b1 (1)		P1 (2)	
mm	in.	mm	in.	mm	in.	mm	in.
132	5.19	74	3	104	4.09	78	3.07

(1)	With fixing clips (included with product)
(2)	P1: depth with RJ45 cable XBTZ9780 (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

Recommended replacement(s)

XBTN400 is replaced by:

1x		Touch panel screen, Harmony STO & STU, 4.3" wide RS 232/485 RJ45 HMISTO715