



Main

Range of product	Magelis XBTN
Software type	Configuration software
Software designation	Vijeo Designer Lite
Operating system	Magelis

Complementary

Display type	Extra-bright alphanumeric backlit LCD
Character font	ASCII Katakana
Number of key	8
Number of fixed keys	4
Number of customisable keys	4
Number of pages	128 application pages
Memory type	Flash
Memory capacity	512 kB
Integrated connection type	Serial link: female RJ45, asynchronous transmission mode (RS232C/RS485), point to point 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	132 mm
Height	74 mm
Depth	43 mm
Cut-out dimensions	119.4 (+/- 0.5) x 63 (+/- 0.4) mm
Product weight	0.36 kg

Environment

Product or component type	Small panel with touchscreen and keypad
Display colour	Green
Messages display capacity	2 lines of 20 characters
[Us] rated supply voltage	5 V DC
Supply	From PLC (terminal port)
Downloadable protocols	Modbus Uni-TE
Standards	CSA C22-2 No 14 IEC 60068-2-27 IEC 60068-2-6 IEC 61131-2 UL 508

Product certifications	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)