

XBTRT500

small panel touchscreen+keypad - matrix
screen - green - 198 x 80 pixels - 5VDC



Main

Range of product	Magelis XBTRT
Product or component type	Small panel with touchscreen and keypad
Display type	Extra-bright matrix backlit LCD
Display colour	Green
Display resolution	198 x 80 pixels
Messages display capacity	2 lines of 5 characters minimum 10 lines of 33 characters maximum Graphic objects (bargraph, button, light...)
[Us] rated supply voltage	5 V DC
Supply	From PLC (terminal port)
Software type	Configuration software
Software designation	Vijeo Designer Lite
Operating system	Windows
Downloadable protocols	Modbus Uni-TE Third party protocols

Complementary

Touch sensitive zone	Matrix, 11 x 5 cells
Character font	Chinese (simplified Chinese) Cyrillic Greek Katakana Latin
Number of key	12
Number of fixed keys	2
Number of customisable keys	10
Number of pages	200 application pages 256 alarm 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
Range compatibility	Modicon M340 Modicon Premium Modicon TSX Micro Twido
Product mounting	Flush mounting
Fixing mode	By 4 spring clips 1.5 to 6 mm thick panel
Display material	Polyester
Front material	PPT
Keypad material	Polyester
Marking	CE
Height	118 mm
Width	137 mm
Depth	79 mm
Cut-out dimensions	119.6 (+/- 0.5) x 105.2 (+/- 0.4) mm
Product weight	0,55 kg

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Environment

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 IEC 60529 IP65 front panel IEC 60529
NEMA degree of protection	NEMA 4X front panel indoor use
Shock resistance	15 gn 11 ms IEC 60068-2-27
Vibration resistance	1 gn 8,45...150 Hz IEC 60068-2-6 +/- 3.5 mm 2...8,45 Hz IEC 60068-2-6
Resistance to electromagnetic fields	10 V/m IEC 61000-4-3
RoHS EUR conformity date	0730
RoHS EUR status	Compliant