Product data sheet
Characteristics

XBTRT500
small panel touchscreen+keypad - matrix screen - green - 198 x 80 pixels - 5VDC

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 345.00 USD

Main

Commercial Status	Commercialised
Range of product	Magelis XBTRT
Display resolution	198 x 80 pixels
Software type	Configuration software
Software designation	Vijeo Designer Lite
Operating system	Windows

Complementary

Display type	Extra-bright matrix backlit LCD
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 transmission mode (RS232C/RS485)point to point topology
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 on 1.5 to 6 mm thick panel
Display material	Polyester
Front material	PPT
Keypad material	Polyester
Marking	CE
Height	4.65 in (118 mm)
Width	5.39 in (137 mm)
Depth	3.11 in (79 mm)
Cut-out dimensions	119.6 (+/- 0.5) x 105.2 (+/- 0.4) mm
Product weight	1.21 lb(US) (0.55 kg)

Environment

Product or component type	Small panel with touchscreen and keypad
Display colour	Green
Messages display capacity	10 lines of 33 characters maximum 2 lines of 5 characters minimum Graphic objects (bargraph, button, light...)
[Us] rated supply voltage	5 V DC
Supply	From PLC (terminal port)
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	IP65 (front panel) conforming to IEC 60529 IP20 (rear panel) conforming to IEC 60529
NEMA degree of protection	NEMA 4X (front panel) indoor use
Shock resistance	15 gn 11 ms conforming to IEC 60068-2-27
Vibration resistance	1 gn (f = 8.45...150 Hz) conforming to IEC 60068-2-6 +/- 3.5 mm (f = 2...8.45 Hz) conforming to IEC 60068-2-6
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) conforming to IEC 61000-4-3

Ordering and shipping details

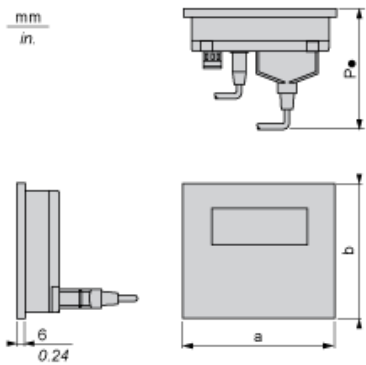|	
Category	22570 - MAGELIS TEXT DISPLAYS & ACCESS
Discount Schedule	MC2
GTIN	00785901603009
Nbr. of units in pkg.	1
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	CN

Offer Sustainability

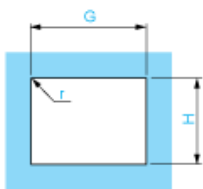|	
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0730 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months

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Dimensions

a		a1 (1)		b		b1 (1)		P1 (2)		P2 (3)		P3 (4)		P4 (5)	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
137	5.39	160	6.29	118	5	146	6	79	3.11	104	4.09	58	2.28	104	4.09

(1)   With fixing clips (included with product)
(2)   P1: depth with RJ45 cable XBTZ9780 (for Twido, TSX Micro and Premium)
(3)   P2: depth with 25-way SUB-D cable XBTZ938 (for TeSys model U and ATV 61/71 drives)
(4)   P3: depth with 25-way SUB-D angled cable XBTZ9680 (for Twido, TSX Micro and Premium) or XBTZ998 (for Modicon STB)
(5)   P4: depth with 25-way SUB-D cable XBTZ68/Z9681(for Twido, TSX Micro and Premium)

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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.
105.2	4.14	119.6	5	1.5	0.05

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