Product data sheet
Characteristics

XBTGT2110
advanced touchscreen panel - 320 x 240 pixels QVGA - 5.7" - STN LCD - 24 V DC

Product availability: Stock - Normally stocked in distribution facility
Price*: 886.00 USD

Main

Commercial Status	Commercialised
Range of product	Magelis XBTGT
Product or component type	Advanced touchscreen panel
Display type	Backlit monochrome STN LCD
Display colour	16 levels of grey Blue and white
Display resolution	320 x 240 pixels QVGA
Display size	5.7 inch
Software type	Configuration software
Software designation	Vijeo Designer
Operating system	Magelis
Processor name	CPU RISC
Processor frequency	133 MHz
Memory description	Back up of data SRAM 128 kB lithium battery Application memory flash EPROM 16 MB
Integrated connection type	USB type A master port (V1.1) Modicon M340 terminal port communication Power supply removable screw terminal block COM2 serial link RJ45 RS485 <= 187.5 kbit/s COM1 serial link male SUB-D 9 RS232C/RS422/RS485 <= 115.2 kbits/s
Resistance to electrostatic discharge	6 kV IEC 61000-4-2 level 3
Cut-out dimensions	156 (+ 1/- 0) x 123.5 (+ 1/- 0) mm

Complementary

Touch sensitive zone	1024 x 1024
Touch panel	Analogue
Backlight lifespan	58000 hours
Brightness	8 levels via touch panel
Contrast	8 levels via touch panel
Character font	ASCII (European characters) Chinese (simplified Chinese) Japanese (ANK, Kanji) Korean Taiwanese (traditional Chinese)
[Us] rated supply voltage	24 V DC
Supply	External source
Supply voltage limits	19.2...28.8 V
Inrush current	<= 30 A
Power consumption	18 W
Local signalling	1 LED (green or orange) for normal operation or backlighting faulty

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Downloadable protocols	Uni-TE Telemecanique Modicon
	Third party protocols Siemens Simatic
	Third party protocols Rockwell Automation Allen-Bradley
	Third party protocols Omron Sysmac
	Third party protocols Mitsubishi Melsec
	Modbus Telemecanique Modicon
	Modbus TCP/IP Telemecanique Modicon
	Modbus Plus Telemecanique Modicon
	FIPWAY Telemecanique Modicon
Realtime clock	Built-in
Product mounting	Flush mounting
Fixing mode	By 2 spring clips
	By 4 screw clamps
Front material	PPT
Enclosure material	PPT
Marking	CE
Width	6.59 in (167.5 mm)
Height	5.31 in (135 mm)
Depth	2.34 in (59.5 mm)
Product weight	2.2 lb(US) (1 kg)

Environment

Immunity to microbreaks	<= 10 ms
Standards	EN 61131-2
	FCC Class A
	IEC 61000-6-2
	UL 1604
	UL 508
	CSA C22.2 No 14
Product certifications	ATEX zone 2/22
	CSA Class 1 Division 2 T4A
	CSA Class 1 Division 2 T5
	C-Tick
	CULus
	UL Class 1 Division 2 T4A
	UL Class 1 Division 2 T5
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Relative humidity	0...85 % without condensation
Operating altitude	< 6561.68 ft (2000 m)
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 for 11 ms conforming to IEC 60068-2-27
Vibration resistance	3.5 mm conforming to IEC 60068-2-6 (f = 5...9 Hz)
	1 gn conforming to IEC 60068-2-6 (f = 9...150 Hz)
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) conforming to IEC 61000-4-3
Resistance to fast transients	2 kV conforming to IEC 61000-4-4 level 3

Ordering and shipping details

Category	22569 - MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	00785901558750
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	CN

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Contractual warranty

Period	18 months