Product data sheet
Characteristics

XBTGK2330
advanced touchscreen panel with keyboard - 320 x 240 pixels QVGA- 5.7" - TFT LCD

Green Premium™ Product

Product availability: Stock - Normally stocked in distribution facility

Price*: 2600.00 USD

Main

Commercial Status	Commercialised
Range of product	Magelis XBTGK
Product or component type	Advanced touchscreen panel with keyboard
Display type	Backlit colour TFT LCD
Display colour	65536 colours
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	Application memory flash EPROM 16 MB Back up of data SRAM 512 kB lithium battery
Integrated connection type	Ethernet TCP/IP RJ45 Power supply removable screw terminal block COM1 serial link male SUB-D 9 RS232C/RS422/RS485 <= 115.2 kbits/s 1 USB type A master port (V1.1) Modicon M340 terminal port communication COM2 serial link RJ45 RS485 <= 187.5 kbit/s Siemens MPI (187.5 kbits/s)
Resistance to electrostatic discharge	4 kV IEC 61000-4-2 level 3
Cut-out dimensions	209 (+/- 0.4) x 243 (+/- 0.4) mm

Complementary

Touch sensitive zone	1024 x 1024
Touch panel	Analogue
Backlight lifespan	50000 hours
Brightness	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	26 W
Number of dynamic function keys symb	14 with LED

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Number of static function keys	10 with LED and labels
Number of SERVICE keys	8
Number of alphanumeric keys	12
Local signalling	1 LED (green or orange) normal operation or backlighting faulty
Number of pages	Limited by internal memory capacity
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 Telemecanique Modicon Modbus Plus Telemecanique Modicon FIPWAY Telemecanique Modicon
Realtime clock	Built-in
Memory type	1 slot for Compact Flash card (128 MB to 1 GB)
Use of slot	For 1 fieldbus communication card (Device Net, Profibus DP)
Port Ethernet	10BASE-T/100BASE-TX
Product mounting	Flush mounting
Fixing mode	By 10 spring clips By 4 screw clamps
Front material	Aluminium alloy
Enclosure material	PPT
Marking	CE
Width	8.67 in (220.3 mm)
Height	10.43 in (265 mm)
Depth	2.37 in (60.3 mm)

Environment

Immunity to microbreaks	<= 5 ms
Standards	EN 61131-2 FCC Class A IEC 61000-6-2 UL 1604 UL 508 CSA C22.2 No 14
Product certifications	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...90 % 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 11 ms conforming to IEC 60068-2-27
Vibration resistance	3.5 mm conforming to IEC 60068-2-6 conforming to IEC 60068-2-6 conforming to IEC 60068-2-6 conforming to IEC 60068-2-6 (f = 5...9 Hz) 1 gn conforming to IEC 60068-2-6 conforming to IEC 60068-2-6 conforming to IEC 60068-2-6 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

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Ordering and shipping details

|	
Category	22569 - MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	00785901580775
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	CN

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0740 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months

XBTGK2330

Dimensions
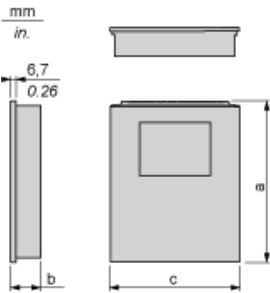
| Product Reference	a	b	c
XBTGK2120 XBTGK2330	265 mm/10.43 in.	60.3 mm/2.37 in.	220.3 mm/8.67 in.
XBTGK5330	332 mm/13.07 in.	72.7 mm/2.86 in.	296 mm/11.65 in.

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XBTGK2330

Clearance

Installation Requirements

For easier maintenance, operation and improved ventilation, be sure to install the unit at least 100 mm (3.94 in) away from adjacent structures and other equipment:
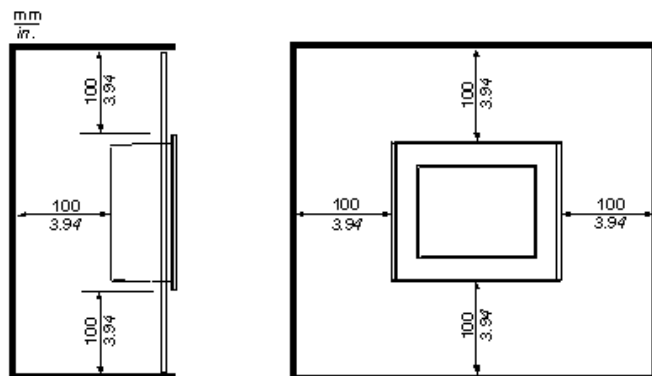
Panel Cut-out Dimensions
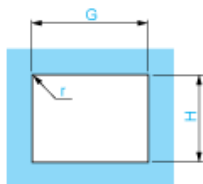
Dimensions in mm

Graphic Display Terminal	Cut-out for Flush Mounting			
	H	G	r	Panel Thickness
XBTGK2120 XBTGK2330	243 (-/+ 0.4)	209 (-/+ 0.4)	3 max.	1.6 ... 10
XBTGK5330	309 (-/+ 0.4)	285 (-/+ 0.4)	3 max.	1.6 ... 10

Dimensions in in.

Graphic Display Terminal	Cut-out for Flush Mounting			
	H	G	r	Panel Thickness
XBTGK2120 XBTGK2330	9.57 (-/+ 0.02)	8.23 (-/+ 0.02)	0.12 max.	0.06 ... 0.39
XBTGK5330	12.17 (-/+ 0.02)	11.22 (-/+ 0.02)	0.12 max.	0.06 ... 0.39