

Product data sheet

Characteristics

XBTGC2330T

5"7 LCD TFT color controller panel - 16 inputs/16 outputs source

Product availability : Stock - Normally stocked in distribution facility



Price* : 1450.00 USD



Main

Range of product	Magelis XBT GC, GT/GK with control
Product or component type	Small touch HMI controller
Display size	5.7 inch
Display type	Backlit colour TFT LCD
Display colour	65000 colours
Pixel resolution	320 x 240 pixels QVGA
Touch panel	Analogue
[Us] rated supply voltage	24 V DC
Supply	External source
Supply voltage limits	19.2...28.8 V
Enclosure material	PPT

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0844 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Ordering and shipping details

Category	22568 - HMI CONTROLLERS
Discount Schedule	MC2
GTIN	00785901104544

Nbr. of units in pkg.	1
Package weight(Lbs)	3.1899999999999999
Returnability	Y
Country of origin	CN

Complementary

Backlight lifespan	50000 hours
Brightness	8 levels via touch panel
Contrast	8 levels via touch panel
Character font	ASCII Chinese (simplified Chinese) Japanese (ANK, Kanji) Korean Taiwanese (traditional Chinese)
Inrush current	<= 30 A
Power consumption	27 W
Local signalling	1 LED (green) normal operation
Number of pages	Limited by internal memory capacity
Software designation	SoMachine
Operating system	Magelis
Processor name	CPU RISC
Processor frequency	131 MHz
Memory description	Application memory, 16 MB Back up of data, 512 kB
Integrated connection type	1 Ethernet TCP/IP RJ45 1 USB port (V1.1) USB type A Power supply removable screw terminal block COM1 serial link male SUB-D 9 <= 115.2 kbits/s RS232C/RS422/RS485
I/O expansion capacity	3 M238 modules
Realtime clock	Built-in
Downloadable protocols	Modbus Modbus TCP/IP Third party protocols Uni-TE
Fixing mode	By 4 screw clips (1.6...5 mm thick panel)
Marking	CE
Discrete input number	16
Discrete input voltage	24 V
Discrete input voltage type	DC
Number of common point	1/20
Input voltage limits	20.4...28.8 V
Discrete input logic	Source
Discrete input current	5 mA on other I0.i 6.5 mA on I0.0, I0.2, I0.4, I0.6
Input impedance	4.7 kOhm on other I0.i 3.7 kOhm on I0.0, I0.2, I0.4, I0.6
Filter time	0.5...20 ms at state 0 0.5...20 ms at state 1
Isolation between channels	None
Discrete output number	16
Discrete output type	Transistor
Discrete output voltage	24 V
Output voltage limits	20.4...28.8 V
Discrete output logic	Source
Discrete output current	0.2 A
Current per output common	1.6 A
Response time	5 µs at state 0 Q0.0...Q0.3

	500 µs at state 0 other Q0.i 5 µs at state 1 Q0.0...Q0.3 500 µs at state 1 other Q0.i
[Ures] residual voltage	<= 0.5 V at state 1
Leakage current	0.1 mA
Short circuit protection	2.5 A fuse
Height	5.31 in (135 mm)
Width	6.59 in (167.4 mm)
Depth	3.06 in (77.6 mm)
Product weight	2.2 lb(US) (1 kg)

Environment

Immunity to microbreaks	<= 3 ms
Standards	EN 61131-2 FCC Class A IEC 61000-6-2 UL 1604 UL 508 CSA C22.2 No 14
Product certifications	CSA C-Tick cULus UL class 1 Div2 T4A ou 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	10...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)
Shock resistance	147 m/s ² conforming to IEC 60068-2-27
Vibration resistance	+/- 3.5 mm (f = 5...9 Hz conforming to IEC 60068-2-6 1 gn (f = 9...150 Hz conforming to IEC 60068-2-6)
Resistance to electromagnetic fields	Conforming to IEC 61000-4-3