Product data sheet
Characteristics

XBTGT2430
advanced touchscreen panel - 640 x 480 pixels VGA - 5.7" - TFT LCD - 24 V DC

Commercial status

Discontinued: 31 December 2019

⊘ Discontinued

Main

Range of product	Magelis XBTGT
Product or component type	Advanced touchscreen panel
Display type	Backlit colour TFT LCD
Display colour	65536 colours
Display resolution	640 x 480 pixels VGA
Display size	5.7 inch
Software type	Configuration software
Software designation	Vijeo Designer
Operating system	Magelis
Processor name	CPU RISC
Processor frequency	266 MHz
Memory description	512 kB SRAM back up of data with lithium battery back-up 32 MB flash EPROM application memory
Integrated connection type	RJ45 connector COM2 serial link with RS485 interface at <= 187.5 kbit/s, compatible with Siemens MPI (187.5 kbits/s) male SUB-D 9 connector COM1 serial link with RS232C/RS422/RS485 interface at <= 115.2 kbits/s removable screw terminal block connector power supply RJ45 connector Ethernet TCP/IP 2USB type A master port (V1.1), compatible with Modicon M340 terminal port communication mini-jack connector audio output
Resistance to electrostatic discharge	6 kV conforming to 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	50000 hours
Brightness	8 levels via touch panel
Character font	ASCII (European characters) Taiwanese (traditional Chinese) Korean Chinese (simplified Chinese) Japanese (ANK, Kanji)
[Us] rated supply voltage	24 V DC
Supply	External source

Supply voltage limits	19.2…28.8 V
Inrush current	30 A
Power consumption in W	26 W
Local signalling	1 LED (green or orange)normal operation or backlighting faulty:
Number of pages	Limited by internal memory capacity
Downloadable protocols	Telemecanique Modicon FIPWAY Telemecanique Modicon Modbus Plus Telemecanique Modicon Modbus TCP Telemecanique Modicon Modbus Mitsubishi Melsec third party protocols Omron Sysmac third party protocols Rockwell Automation Allen-Bradley third party protocols Siemens Simatic third party protocols Telemecanique Modicon Uni-TE
Realtime clock	Built-in
Data storage equipment	1 Compact Flash card >= 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 2 spring clips By 4 screw clamps
Front material	Aluminium alloy
Enclosure material	PPT
Marking	CE
Width	167.5 mm
Height	135 mm
Depth	59.5 mm
Net weight	1 kg

Environment

Immunity to microbreaks	5 ms
Standards	UL 508 EN 61131-2 FCC Class A IEC 61000-6-2 UL 1604
Product certifications	UL Class 1 Division 2 T5 C-Tick CULus UL Class 1 Division 2 T4A
Ambient air temperature for operation	0…50 °C
Ambient air temperature for storage	-20…60 °C
Relative humidity	0…90 % without condensation
Operating altitude	< 2000 m
IP degree of protection	IP20 (rear panel) conforming to IEC 60529 IP65 (front 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	1 gn conforming to IEC 60068-2-6 (f = 9…150 Hz) 3.5 mm conforming to IEC 60068-2-6 (f = 5…9 Hz)
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3
Resistance to fast transients	2 kV conforming to IEC 61000-4-4 level 3

Contractual warranty

Warranty	18 months

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XBTGT2430 is replaced by:

Advanced Panels HMIGTO2310

advanced touchscreen panel 320 x 240 pixels QVGA- 5.7" TFT - 96 MB

Qty 1

Reason for Substitution: End of life | Substitution date: 26 November 2013