

Product datasheet

Specifications



advanced open touchscreen panel - 1024 x 768 pixels XGA - 15" - TFT LCD - 24V DC

XBTGTW750

! Discontinued

! Discontinued on: 8 Oct 2010

! To be end-of-service on: 31 Dec 2025

EAN Code: 3595863962116

Main

Range of product	Harmony XBTGTW
Product or component type	Advanced open touchscreen panel
Display type	Backlit colour TFT LCD
Display colour	262144 colours
Display resolution	1024 x 768 pixels XGA
Display size	15 inch
Software type	Configuration software
Software designation	Vijeo Designer
Operating system	Windows XPe SP2
Processor name	Intel Celeron M
Processor frequency	1000 MHz
Memory description	512 KB SRAM back up of data with lithium battery back-up 2 GB Compact Flash application memory
Integrated connection type	removable screw terminal block connector power supply mini-jack connector audio output 1USB 2.0 type A on front panel 4USB type A master port (V2.0) 2 RJ45 connector Ethernet TCP/IP male SUB-D 9 connector COM1 serial link with RS232C interface male SUB-D 9 connector COM2 serial link with RS232C interface mini DIN connector PS/2 keyboard female SUB-D 25 connector RAS port
Resistance to electrostatic discharge	6 kV conforming to IEC 61000-4-2 level 3
Cut-out dimensions	383.5 (+ 1/- 0) x 282.5 (+ 1/- 0) mm

Complementary

Touch sensitive zone	1024 x 1024
Touch panel	Analogue
Backlight lifespan	50000 hours
Brightness	4 levels via touch panel
Character font	Chinese (simplified Chinese) Japanese (ANK, Kanji) Korean ASCII (European characters) Taiwanese (traditional Chinese)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Us] rated supply voltage	24 V DC
Supply	External source
Supply voltage limits	21.6...26.4 V
Inrush current	30 A
Power consumption in W	90 W
Local signalling	1 LED (green) for accessing CF system card (DISK) 1 LED (green) for switched on (ON)
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 2 PCMCIA card type II
Port Ethernet	10BASE-T/100BASE-TX 10BASE-T/100BASE-TX/1 Gb
Product mounting	Flush mounting
Fixing mode	By 8 screw clamps
Front material	Aluminium alloy
Enclosure material	Aluminium alloy
Marking	CE
width	395 mm
Height	294 mm
Depth	60 mm

Environment

Immunity to microbreaks	5 ms
Standards	FCC Class A UL 508 EN 61131-2 CSA C22.2 No 14 IEC 61000-6-2
Product certifications	cULus CSA
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	10...85 % without condensation
Operating altitude	< 3000 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
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