Product data sheet
Characteristics

XBTGT4340
Advanced touchscreen panel, 320 x2, 40 pixels, QVGA 7.5inch, 24V



Commercial status
End of Commercialisation : DEC 31, 2015

⚠ End of Commercialisation

Main

Range of product	Harmony 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	7.5 inch
Software type	Configuration software
Software designation	Vijeo Designer
Operating system	Harmony
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 Siem Male SUB-D 9 connector COM1 serial link with RS232C/RS422/RS485 interface at <= 115.2 k Removable screw terminal block connector power supply RJ45 connector Ethernet TCP/IP 3 removable screw terminal block connector digital output Removable screw terminal block connector audio output Removable screw terminal block connector digital input USB type A master port (V1.1) Mini-jack connector audio input RCA connector composite video input (NTSC/PAL)
Resistance to electrostatic discharge	6 KV conforming to IEC 61000-4-2 level 3
Cut-out dimensions	204.5 (+ 1/- 0) x 159.5 (+ 1/- 0) mm

Complementary

Touch sensitive zone	1024 x 1024
Touch panel	Analogue
Backlight lifespan	54000 hours
Brightness	8 levels via touch panel
Contrast	8 levels via touch panel
Character font	Chinese (simplified Chinese) Taiwanese (traditional Chinese) ASCII (European characters) Japanese (ANK, Kanji) Korean
[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	28 W
Local signalling	1 LED (green or orange) for 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 4 spring clips By 4 screw clamps
Front material	Aluminium alloy
Enclosure material	PPT
Marking	CE
Width	215 Mm
Height	170 Mm
Depth	60 Mm
Net weight	1.8 Kg

Environment

Immunity to microbreaks	10 Ms
Standards	EN 61131-2 FCC Class A CSA C22.2 No 14 UL 1604 UL 508 IEC 61000-6-2
Product certifications	UL Class 1 Division 2 T5[RETURN]UL Class 1 Division 2 T4A[RETURN]CSA Class 1 Division 2 T5
Ambient air temperature for operation	0…50 °C
Ambient air temperature for storage	-20…60 °C
Relative humidity	10…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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.0 Cm
Package 1 Width	27.0 Cm
Package 1 Length	30.5 Cm
Package 1 Weight	2.801 Kg

Offer Sustainability

Recyclability potential, in %	25
Total lifecycle Carbon footprint	620 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	125.81
Carbon footprint of the manufacturing phase [A1 to A3]	126 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.18307
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.34768
Carbon footprint of the installation phase [A5]	0.3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	492.51
Carbon footprint of the use phase [B2, B3, B4, B6]	493 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	1.3374
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Total lifecycle Carbon footprint	620
SCIP Number	76565be4-97e1-4441-9623-82d029ddb7ce
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, wi

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation