Product data sheet
Characteristics

XBTGH2460
advanced hand-held panel - 640 x 480 pixels VGA - 5.7" - TFT LCD - 24 V DC



Commercial status
End of Commercialisation : OCT 05, 2022

⚠ End of Commercialisation

Main

Range of product	Harmony XBTGH
Product or component type	Advanced hand-held panel
Display type	Backlit colour TFT LCD
Display colour	65536 colours
Display resolution	640 x 480 pixels VGA
Display size	5.7 inch
Control type	1 emergency stop 1 key switch 1 enable switch
Contacts type and composition	1 NC + 1 NO for key switch 2 NO for enable switch 2 NC + 1 NO
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	1USB type A master port (V1.1) 24-pin Faston connector connector COM1 serial link, compatible with junction box 24-pin Faston connector connector Ethernet TCP/IP, compatible with junction box 24-pin Faston connector connector power supply, compatible with junction box
Resistance to electrostatic discharge	6 KV conforming to IEC 61000-4-2 level 3

Complementary

Touch sensitive zone	1024 x 1024
Touch panel	Analogue
Backlight lifespan	50000 hours
Brightness	16 levels via touch panel
Character font	Taiwanese (traditional Chinese) Korean Chinese (simplified Chinese) ASCII (European characters) Japanese (ANK, Kanji)
[Us] rated supply voltage	24 V DC
Supply	External source
Supply voltage limits	19.2…28.8 V

[Ue] rated operational voltage	24 V DC for key switch 30 V DC for emergency stop 30 V DC for enable switch
Maximum [Ie] rated operational current	1 A for emergency stop 0.3 A for key switch 0.7 A for control handle
Inrush current	60 A
Power consumption in W	16.7 W
Number of Operation keys	1 with LED
Number of static function keys	11 with labels
Local signalling	1 LED (green or orange) for normal operation or backlighting faulty
Downloadable protocols	Schneider Electric Modicon Modbus Schneider Electric Modicon Modbus TCP/IP Mitsubishi Melsec third party protocols Omron Sysmac third party protocols Rockwell Automation Allen-Bradley third party protocols Siemens Simatic third party protocols Schneider Electric Modicon Uni-TE
Realtime clock	Built-in
Data storage equipment	1 Compact Flash card >= 1 GB
Enclosure material	PPT
Marking	CE
Width	224 Mm
Height	174 Mm
Depth	87.1 Mm
Net weight	1 Kg

Environment

Immunity to microbreaks	5 Ms
Standards	UL 508 FCC Class A IEC 61000-6-2 EN 61131-2
Product certifications	C-Tick[RETURN]cULus
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-20…60 °C
Relative humidity	0…90 % without condensation
Operating altitude	< 2000 m
IP degree of protection	IP65 conforming to IEC 60529
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	18.200 Cm
Package 1 Width	26.700 Cm
Package 1 Length	30.500 Cm
Package 1 Weight	1.918 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	4.477 Kg

Offer Sustainability

Recyclability potential, in %	1
Total lifecycle Carbon footprint	776 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	76.03925808337097
Carbon footprint of the manufacturing phase [A1 to A3]	76 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1.724687432778243
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.01046999272312817
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	674.9450721688635
Carbon footprint of the use phase [B2, B3, B4, B6]	675 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	23.16555342368264
Carbon footprint of the end-of-life phase [C1 to C4]	23 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	776
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	6c1cfca1-a525-42fa-9a8a-ff27f8684c06
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, w
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation