Product datasheet

Specifications

Ğreen Premium™



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

Local distributor code: 395514146

XBTGH2460

() Discontinued on: 18 Jul 2023

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

EAN Code: 3595864003184

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	19.228.8 V
[Ue] Rated Operational Voltage	24 V DC for key switch 30 V DC for emergency stop 30 V DC for enable switch
Maximum [le] 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	РРТ
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 cULus
Ambient Air Temperature For Operation	040 °C
Ambient Air Temperature For Storage	-2060 °C
Relative Humidity	090 % 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 = 9150 Hz) 3.5 mm conforming to IEC 60068-2-6 (f = 59 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

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc
Mercury Free
Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

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Dimensions Drawings

Dimensions

