Product datasheet

Specifications

Green Premium™

advanced hand-held panel-640 x 480 pixels VGA-5.7"-TFT LCD-24 V DC-w/o E-Stop

Local distributor code:

398067674 XBTGH2460B

Discontinued on: 31 Dec 2021

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

Discontinued

EAN Code: 3595864112114

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 enable switch 1 key 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	Japanese (ANK, Kanji) ASCII (European characters) Korean Chinese (simplified Chinese) 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	19.2…28.8 V
[Ue] Rated Operational Voltage	24 V DC for key switch 30 V DC for enable switch
Maximum [Ie] Rated Operational Current	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	IEC 61000-6-2 EN 61131-2 FCC Class A UL 508
Product Certifications	C-Tick 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	19.000 cm
Package 1 Width	26.800 cm
Package 1 Length	30.700 cm
Package 1 Weight	1.742 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	4.373 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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