

Product data sheet

Specifications



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

XBTGH2460B

⚠ Discontinued on: Apr 18, 2022

⚠ End-of-service on: Dec 31, 2025

⚠ Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

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 key switch 2 NO 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 lithium battery 32 MB flash EPROM application memory
Integrated connection type	1 USB type A master port (V1.1) 24-pin Faston connector COM1 serial link junction box 24-pin Faston connector Ethernet TCP/IP junction box 24-pin Faston connector power supply junction box
Resistance to electrostatic discharge	6 kV 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)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 key switch 30 V DC enable switch
Maximum [Ie] rated operational current	0.3 A key switch 0.7 A 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	8.8 in (224 mm)
Height	6.9 in (174 mm)
Depth	3.4 in (87.1 mm)
Product Weight	2.2 lb(US) (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	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	-4...140 °F (-20...60 °C)
Relative humidity	0...90 % without condensation
Operating altitude	< 6561.68 ft (2000 m)
IP degree of protection	IP65 IEC 60529
Shock resistance	15 gn 11 ms IEC 60068-2-27
Vibration resistance	1 gn 9...150 Hz)IEC 60068-2-6 3.5 mm 5...9 Hz)IEC 60068-2-6
Resistance to electromagnetic fields	9.1 V/m (10 V/m) IEC 61000-4-3
Resistance to fast transients	2 kV IEC 61000-4-4 level 3

Ordering and shipping details

Category	US10MC222569
Discount Schedule	0MC2
GTIN	3595864112114
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.480 in (19.000 cm)
Package 1 Width	10.551 in (26.800 cm)
Package 1 Length	12.087 in (30.700 cm)
Package weight(Lbs)	3.840 lb(US) (1.742 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	9.641 lb(US) (4.373 kg)



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	776 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	76 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	675 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	23 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

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, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	1
Circularity Profile	End of Life Information
Take-back	No