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

Green Premium™ Product

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 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	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 key switch 30 V DC emergency stop 30 V DC enable switch
Maximum [Ie] rated operational current	1 A emergency stop 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	For normal operation or backlighting faulty 1 LED (green or orange)
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	8.82 in (224 mm)
Height	6.85 in (174 mm)
Depth	3.43 in (87.1 mm)
Net Weight	2.20 lb(US) (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	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	9.14 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	22569-MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	3595864003184
Nbr. of units in pkg.	1
Package weight(Lbs)	4.23 lb(US) (1.918 kg)
Returnability	Yes
Country of origin	JP

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	7.17 in (18.2 cm)
Package 1 width	10.51 in (26.7 cm)
Package 1 Length	12.01 in (30.5 cm)
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Weight	9.64 lb(US) (4.374 kg)
Package 2 Height	11.81 in (30.0 cm)
Package 2 width	15.75 in (40.0 cm)
Package 2 Length	23.62 in (60.0 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months

XBTGH2460

Dimensions

mm
——
in.

87.1 / 3.43

107.5 / 4.23

224 / 8.82

174 / 6.85

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