XBTGH2460B
advanced hand-held panel-640 x 480 pixels VGA-5.7"-TFT LCD-24 V DC-w/o E-Stop

Green Premium™

Main

Range of product	Magelis 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	Magelis
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)
[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 Weight	1.756 kg
Package 1 Height	18 cm
Package 1 width	26.5 cm
Package 1 Length	30.5 cm

Offer Sustainability

Sustainable offer status	Green Premium product
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

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