



Main

Range of product	Harmony STO & STU
Product or component type	Touch panel screen
Software designation	Vijeo Designer
Operating system	Harmony
Processor name	CPU RISC

Complementary

Display size	3.4 inch
Display type	Backlit monochrome STN LCD
Background colour	Green Red Orange
Display resolution	200 x 80 pixels
Touch panel	Analogue
Backlight lifespan	10000 hours red 50000 hours orange 50000 hours green
Brightness	8 levels
Contrast	16 levels via touch panel
Character font	ASCII Chinese (simplified Chinese) Taiwanese (traditional Chinese) Japanese (ANK, Kanji) Korean
[Us] rated supply voltage	24 V DC +/- 20 %
Inrush current	30 A
Local signalling	Normal operation 1 LED green)
Power consumption in W	5 W
Number of pages	Limited by internal memory capacity
Processor frequency	333 MHz
Port Ethernet	10/100BASE-TX
Memory description	Application memory 16 MB Back up of data 128 kB
Integrated connection type	1 USB 2.0 type mini B 1 USB 2.0 type A Power supply - removable screw terminal block 1 Ethernet TCP/IP - 1 RJ45
Supply	External source
Realtime clock	Access to the PLC real-time clock
Downloadable protocols	XWAY TCP/IP Modbus TCP/IP Third party protocols
Fixing mode	By 2 spring clips 1.6...5 mm thick panel
Enclosure material	PPT
Marking	CE

Environment

Immunity to microbreaks	3 ms
Standards	IEC 61000-6-2 UL 508 EN 61131-2 UL 1604 FCC Class A
Product certifications	CULus CE UL Class 1 Division 2 T5 C-tick UL Class 1 Division 2 T4A
Ambient air temperature for operation	32...122 °F (0...50 °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	IP20 IEC 60529 rear panel) IP65 IEC 60529 front panel)
NEMA degree of protection	NEMA 4X front panel indoor use)
Shock resistance	15 gn 11 msIEC 60068-2-27
Vibration resistance	+/- 3.5 mm 5...9 Hz) IEC 60068-2-6 1 gn 9...150 Hz) IEC 60068-2-6
Electromagnetic compatibility	Resistance to radiated electromagnetic fields 10 V/m IEC 61000-4-3

Ordering and shipping details

Category	22569-MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	00785901516026
Package weight(Lbs)	14.08 oz (399.161 g)
Returnability	No

Contractual warranty

Warranty	18 months
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