Product data sheet
Characteristics

HMISTU655S
touch panel screen, Harmony STO & STU, 3.5inch wide, 320 x 240pixels, with software



Main

Range of Product	Harmony STO & STU
Product or Component Type	Touch panel screen
Software Designation	Vijeo Designer
Operating System	Harmony
Processor name	CPU ARM9

Complementary

Display size	3.5 inch
Display Type	QVGA TFT colour touchscreen
Display colour	65536 colours
Display Resolution	320 x 240 pixels QVGA
Touch panel	Analogue
Backlight lifespan	50000 hours
Brightness	16 levels
Character font	Chinese (simplified Chinese) Japanese (ANK, Kanji) Taiwanese (traditional Chinese) Korean ASCII
[Us] rated supply voltage	24 V DC
Supply	External source
Supply voltage limits	20.4…28.8 V
Inrush current	30 A
Power Consumption in W	6.5 W
Number of pages	Limited by internal memory capacity
Processor frequency	333 MHz
Memory description	Application memory 16 MB Back up of data 64 kB
Integrated connection type	1 USB 2.0 type mini B 1 USB 2.0 type A COM1 serial link - female RJ45 - RS232C/RS485 <= 115.2 kbits/s) Power supply - removable screw terminal block
Realtime clock	Access to the PLC real-time clock
Downloadable protocols	Third party protocols Modbus TCP/IP Uni-TE Modbus
Fixing mode	Ø 22 mm hole
Enclosure Material	PC/PBT
Marking	CE
Height	3.86 in (98.15 mm)
Width	4.65 in (118 mm)
Depth	2.18 in (55.3 mm)
Net Weight	1.20 lb(US) (0.544 kg)

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Environment

Immunity to microbreaks	10 ms
Standards	IEC 61000-6-2 UL 1604 EN 61131-2 FCC Class A UL 508
Product Certifications	C-tick CULus Marine UL class 1 Div2 T4A ou T5
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…85 % 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
Resistance to electromagnetic fields	9.14 V/m (10 V/m) IEC 61000-4-3

Ordering and shipping details

Category	22569-MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	785901524267
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.40 in (18.796 cm)
Package 1 Width	5.40 in (13.716 cm)
Package 1 Length	3.00 in (7.62 cm)
Package 1 Weight	18.08 oz (512.559 g)

Contractual warranty

Warranty	18 months