Product data sheet
Characteristics

HMISTU855S
touch panel screen, Harmony STO & STU, 5.7inch 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	5.7 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	Taiwanese (traditional Chinese) Japanese (ANK, Kanji) ASCII Korean Chinese (simplified Chinese)
[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	6.8 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	Modbus TCP/IP Modbus Third party protocols Uni-TE
Fixing mode	Ø 22 mm hole
Enclosure Material	PC/PBT and PAA
Marking	CE
Height	5.08 in (129.15 mm)
Width	6.4 in (163 mm)
Depth	2.2 in (56.5 mm)
Net Weight	1.920 lb(US) (0.871 kg)

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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.
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Environment

Immunity to microbreaks	7 ms
Standards	EN 61131-2 UL 508 FCC Class A UL 1604 IEC 61000-6-2
Product Certifications	Marine[RETURN]cULus[RETURN]UL class 1 Div2 T4A ou T5[RETURN]C-tick
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	9.1 V/m (10 V/m) IEC 61000-4-3

Ordering and shipping details

Category	US10MC222569
Discount Schedule	0MC2
GTIN	785901395263
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.0000000000 in (27.94 cm)
Package 1 Width	7.50 in (19.05 cm)
Package 1 Length	3.0000000000 in (7.62 cm)
Package 1 Weight	30.719 oz (870.897 g)

Offer Sustainability

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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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