

Product datasheet

Specifications



touch panel screen 3"5 Color without Schneider logo

HMISTU655W

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	Korean Japanese (ANK, Kanji) ASCII Taiwanese (traditional Chinese) 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	6.5 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 (rate: <= 115.2 kbits/s) power supply - removable screw terminal block 1 Ethernet - RJ45
Realtime Clock	Access to the PLC real-time clock

Disclaimer: 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

Downloadable Protocols	Modbus TCP/IP Modbus Uni-TE Third party protocols
Fixing Mode	Ø 22 mm hole
Enclosure Material	PC/PBT
Marking	Without Schneider logo CE
Height	98.15 mm
Width	118 mm
Depth	55.3 mm

Environment

Immunity To Microbreaks	10 ms
Standards	UL 508 UL 1604 IEC 61131-2 FCC Class A IEC 61000-6-2
Product Certifications	C-Tick Marine UL class 1 Div2 T4A ou T5 cULus UKCA
Ambient Air Temperature For Operation	0...50 °C
Ambient Air Temperature For Storage	-20...60 °C
Relative Humidity	0...85 % without condensation
Operating Altitude	<= 2000 m
Ip Degree Of Protection	IP20 (rear panel) conforming to IEC 60529 IP65 (front panel) conforming to IEC 60529
Nema Degree Of Protection	NEMA 4X front panel (indoor use)
Shock Resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Vibration Resistance	+/- 3.5 mm (f = 5...9 Hz) conforming to IEC 60068-2-6 1 gn (f = 9...150 Hz) conforming to IEC 60068-2-6
Resistance To Electromagnetic Fields	10 V/m conforming to IEC 61000-4-3

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.5 cm
Package 1 Width	13.0 cm
Package 1 Length	18.5 cm
Package 1 Weight	540.0 g

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency

Resource performance

✓ Upgradeable Through Digital Modules
And Upgraded Components

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Eu Rohs Directive [Pro-active compliance \(Product out of EU RoHS legal scope\)](#)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee [The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins](#)

Circularity Profile [End of Life Information](#)