

Product data sheet

Specifications



colour touch panel screen, Harmony
STO & STU, 3.5inch wide, without
Schneider logo

HMISTU655W

⚠ Discontinued on: Sep 15, 2023

⚠ End-of-service on: Dec 31, 2024

⚠ Discontinued

**Product availability: Non-Stock - Not normally stocked in
distribution facility**

Main

Range of Product	Harmony STO & STU
Product or Component Type	Touch panel screen
Software package	Vijeo Designer
Processor name	ARM926EJ-S

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
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 1 Ethernet - RJ45
Realtime clock	Access to the PLC real-time clock

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	3.86 in (98.15 mm)
Width	4.6 in (118 mm)
Depth	2.2 in (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	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	3595864153308
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.559 in (6.500 cm)
Package 1 Width	5.118 in (13.000 cm)
Package 1 Length	7.283 in (18.500 cm)

Package weight(Lbs)	18.836 oz (534.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	19.952 lb(US) (9.050 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

 Environmental footprint	
Total lifecycle Carbon footprint	518 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	79 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	438 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

Use Better

 Materials and Substances	
F-gas usage performance	K izolaci a zhášení je využíváno pouze vzduchové a vakuové médium; bez obsahu F-plynů včetně SF6.
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	3d02a16a-b371-402f-abda-886a20922dcb
REACH Regulation	REACH Declaration
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
Halogen content performance	Product contains halogen above thresholds
PVC free	No
Silicon free	No

Use Longer

 Lifetime extension	
Repair	No

Use Again

 Repack and remanufacture	
Recyclability potential, in %	58

Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.