

# colour touch panel screen, Harmony STO & STU, 5.7inch wide

HMISTU855

Product availability: Stock - Normally stocked in distribution facility

## 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) Chinese (simplified Chinese) ASCII Korean		
[Us] rated supply voltage	24 V DC		
Supply	External source		
Supply voltage limits	20.428.8 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 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.

Downloadable protocols	Uni-TE Modbus TCP/IP Third party protocols Modbus
Fixing mode	Ø 22 mm hole
Enclosure Material	PC/PBT and PAA
Marking	With Schneider logo CE
Height	5.08 in (129.15 mm)
Width	6.4 in (163 mm)
Depth	2.2 in (56.5 mm)

# **Environment**

Immunity to microbreaks	7 ms	
Standards	UL 1604 FCC Class A	
	IEC 61000-6-2	
	IEC 61131-2	
	UL 508	
Product Certifications	UL class 1 Div2 T4A ou T5	
	C-tick	
	cULus	
	Marine	
	UKCA	
Ambient Air Temperature for Operation	32122 °F (050 °C)	
Ambient Air Temperature for Storage	-4140 °F (-2060 °C)	
Relative humidity	085 % 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 59 Hz) IEC 60068-2-6	
	1 gn 9150 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	3606489909499
Returnability	Yes
Country of origin	CN

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.76 in (7.000 cm)
Package 1 Width	7.09 in (18.000 cm)

Package 1 Length	10.63 in (27.000 cm)
Package 1 Weight	30.607 oz (867.700 g)
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	16.127 lb(US) (7.315 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	64
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	23.62 in (60.000 cm)
Package 3 Length	31.50 in (80.000 cm)
Package 3 Weight	165.073 lb(US) (74.876 kg)

# **Contractual warranty**

Warranty 18 months



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	
Carbon footprint (kg CO2 eq, Total Life cycle)	802
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	7a6de532-1e9f-4049-9a61-3f413d116265
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

#### **Use Again**

○ Repack and remanufacture			
Circularity Profile	End of Life Information		
Take-back	No		

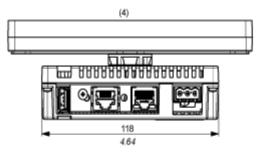
#### **HMISTU855**

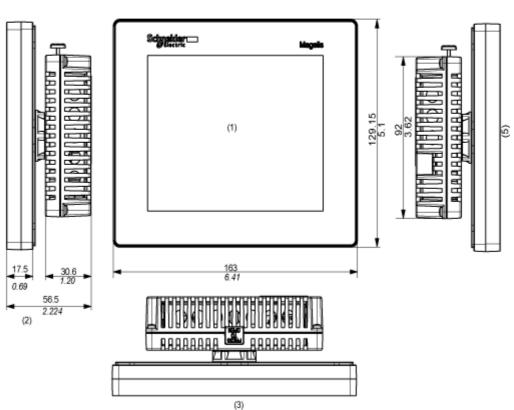
#### **Dimensions Drawings**

## **Display and Rear Modules**

#### **Dimensions**

mm

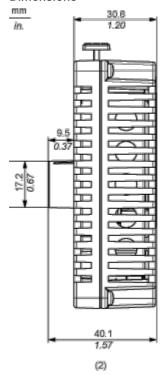


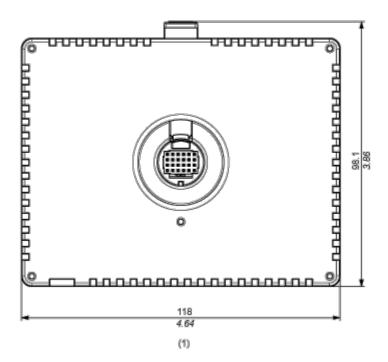


- (1) Front
- (2) Right side
- **(3)** Top
- (4) Bottom
- (5) Left side

#### **Rear Module**

#### **Dimensions**



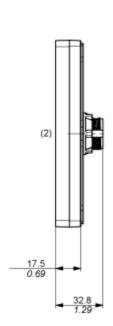


- (1) Front
- (2) Right Side

## **Display Module**

#### **Dimensions**





163 6.41 117.7 4.63 15.3 0.60 1.888 1.872 1

(4)

- (1) Front
- (2) Right Side
- (3) Bottom
- **(4)** Top
- (5) Left Side

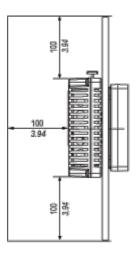
# **Product data sheet**

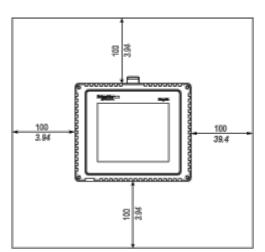
# **HMISTU855**

Mounting and Clearance

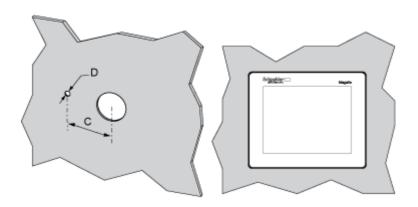
## Clearance







#### **Panel Cut-out Dimensions**



C (mm)	C (in.)	D (mm)	D (in.)
+0	+0	+0	+0
30.00	1.18	4.00	0.15
-0.20	-0.007	-0.20	-0.007

**NOTE:** With the tee option, the rotating torque that can be supported by the display module is 6 Nm (53.10 in-lb).

Image of product / Alternate images

#### **Alternative**







