# **Product data sheet**

Specification





# touch panel screen, Harmony STO & STU, 4.3inch wide, RS 232 terminal block

HMISTO705

Product availability: Stock - Normally stocked in distribution facility

Price\*: 350.00 USD

## Main

Range Of Product	Harmony STO & STU  Touch panel screen  EcoStruxure Operator Terminal Expert		
Product Or Component Type			
Software Designation			
Operating System	Harmony		

## Complementary

Display Size	4.3 inch				
Display Type	Colour TFT LCD				
Display Colour	65536 colours				
Display Resolution	480 x 272 pixels				
Touch Panel	Analogue				
Backlight Lifespan	50000 hours white				
Brightness	16 levels via touch panel				
Character Font	ASCII (European characters) Chinese (simplified Chinese) Korean Japanese (ANK, Kanji) Cyrillic Taiwanese (traditional Chinese)				
[Us] Rated Supply Voltage	1224 V DC - 1020 %				
Power Consumption In W	7.5 W				
Number Of Pages	8999				
Memory Description	Back up of data 512 KB Application memory 26 MB				
Integrated Connection Type	1 USB 2.0 type mini B 1 USB 2.0 type A 1 serial link - 9-pin terminal block - RS232C 2400115200 bps)				
Supply	External source				
Realtime Clock	With RTC-battery set optional				
Downloadable Protocols	Third party protocols Modbus				
Range Compatibility	MitsubishI Siemens Omron Allen-Bradley				
Fixing Mode	By 2 installation fasteners 1.5 to 6 mm thick panel				

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

Enclosure Material	PPT
Front Material	Plastic
Cut-Out Dimensions	77.5 x 112.5 mm 66 x 105 mm with mounting adaptor
Net Weight	0.49 lb(US) (0.22 kg)

#### **Environment**

Environment						
Standards	ANSI/ISA 12.12.01 CSA C22.2 No 142 EN 61000-6-2 CSA C22.2 No 213 UL 61010-1 EN 61131-2 EN 61000-6-4 UL 61010-2-201  KCC CE UL C-tick ATEX zone 2/22 cUL UKCA					
Product Certifications						
Ambient Air Temperature For Operation	32122 °F (050 °C)					
Ambient Air Temperature For Storage	-4140 °F (-2060 °C)					
Relative Humidity	1090 % without condensation					
Operating Altitude	6561.68 ft (2000 m)					
Ip Degree Of Protection IP65f front panel) IP20 rear panel)						
Nema Degree Of Protection	NEMA 4X/13 front panel indoor use)					
Shock Resistance	15 gn 11 msIEC 61131-2					
Vibration Resistance	1 gn 5150 Hz) IEC 61131-2 3.5 mm constant amplitude 5150 Hz) IEC 61131-2					
Electromagnetic Compatibility	Resistance to radiated electromagnetic fields - test level: 10 V/m (80 MHz2.7 GHz) Resistance to electrostatic discharge - test level: 8 kV level 3 (air discharge) conforming to EN 61000-4-2 Resistance to electrostatic discharge - test level: 6 kV level 3 (direct contact) conforming to EN 61000-4-2					

# Ordering and shipping details

Category	US10MC222569
Discount Schedule	0MC2
Gtin	3606480920899
Returnability	Yes
Country Of Origin	US

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.20 in (13.2 cm)
Package 1 Width	3.07 in (7.8 cm)
Package 1 Length	7.17 in (18.2 cm)

Package 1 Weight

19.35 oz (548.5 g)

## Sustainability Screen Premium

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

## Well-being performance



Mercury Free



Rohs Exemption Information

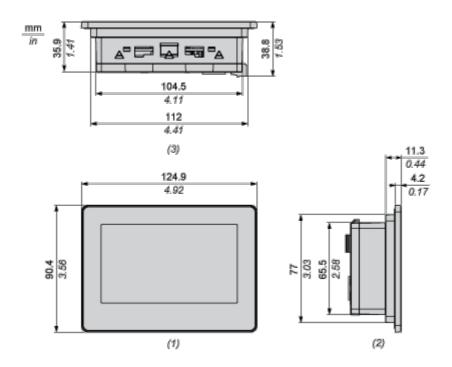
Yes

### **Certifications & Standards**

Reach Regulation	REACh Declaration				
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)				
China Rohs Regulation	China RoHS declaration				
<b>Environmental Disclosure</b>	Product Environmental Profile  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.				
Weee	· · · · · · · · · · · · · · · · · · ·				
Weee Circularity Profile	· · · · · · · · · · · · · · · · · · ·				

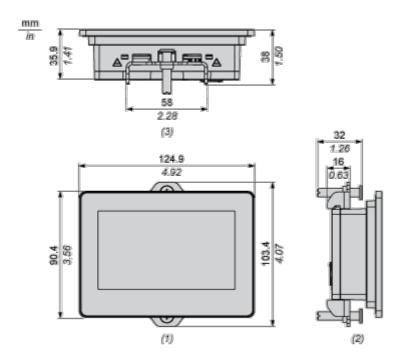
#### **Dimensions Drawings**

#### **External Dimensions**



- 1 Front
- 2 Left
- 3 Bottom

## **Dimensions with Installation Fasteners**



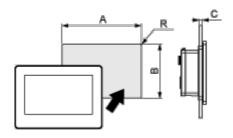
- 1 Front
- 2 Left
- 3 Bottom

## **HMISTO705**

Mounting and Clearance

## Mounting

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



#### Dimensions in mm

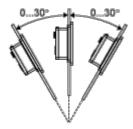
Description	Α	В	С	R
Without adapter	112.5	77.5	1.56	3 max.
With adapter	105	66	1.56	3 max.

#### Dimensions in in.

Dimensione in in.					
Description	Α	В	С	R	
Without adapter	4.43	3.05	0.060.24	0.12 max.	
With adapter	4.13	2.6	0.060.24	0.12 max.	

#### **Installation Requirements**

#### **Mounting Angle**



When installing this product in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan, A/C) to ensure the ambient operating temperature is 40 °C or less (104 °F or less).

#### Clearance

