Product datasheet

Specification





4.3" wide screen touch panel, Ethernet

HMISTO735

Main

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

Complementary

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 with white				
Brightness	16 levels via touch panel				
Character Font	ASCII (European characters) Cyrillic Taiwanese (traditional Chinese) Chinese (simplified Chinese) Japanese (ANK, Kanji) Korean				
[Us] Rated Supply Voltage	1224 V DC - 1020 %				
Power Consumption In W	8.1 W				
Number Of Pages	8999				
Port Ethernet	10BASE-T/100BASE-TX				
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 Ethernet TCP/IP - RJ45				
Supply	External source				
Realtime Clock	With RTC-battery set optional				
Downloadable Protocols	Modbus TCP Modbus Third party protocols				
Range Compatibility	Omron Mitsubishl Siemens Allen-Bradley				
Fixing Mode	By 2 installation fasteners, mounting on 1.5 to 6 mm thick panel				

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

Environment

Livitoiiiieit					
Standards	UL 61010-2-201 EN 61131-2 EN 61000-6-2 EN 61000-6-4 CSA C22.2 No 213 CSA C22.2 No 142 UL 61010-1 ANSI/ISA 12.12.01				
Product Certifications	CE C-Tick ATEX zone 2/22 KCC UL cUL UKCA				
Ambient Air Temperature For Operation	050 °C				
Ambient Air Temperature For Storage	-2060 °C				
Relative Humidity	1090 % without condensation				
Operating Altitude	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 for 11 ms conforming to IEC 61131-2				
Vibration Resistance	1 gn (f = 5150 Hz) conforming to IEC 61131-2 3.5 mm constant amplitude (f = 5150 Hz) conforming to 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				

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	13.2 cm
Package 1 Width	7.8 cm
Package 1 Length	18.2 cm
Package 1 Weight	532.5 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	12
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6836 g

Unit Type Of Package 3	P12
Number Of Units In Package 3	288
Package 3 Height	80 cm
Package 3 Width	120 cm
Package 3 Length	110 cm
Package 3 Weight	178440 g

Sustainability Green Premium

Green PremiumTM **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-CO₂ 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

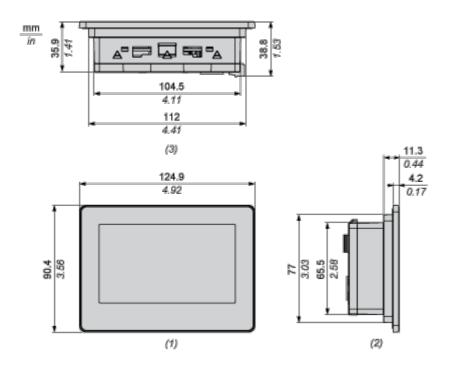
Yes

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				
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				

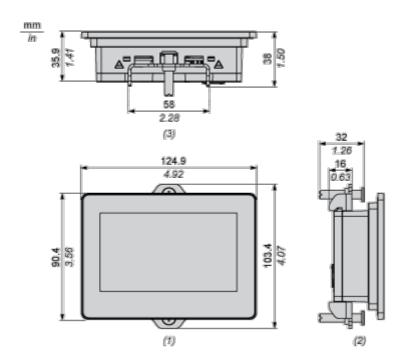
Dimensions Drawings

External Dimensions



- 1 Front
- 2 Left
- 3 Bottom

Dimensions with Installation Fasteners



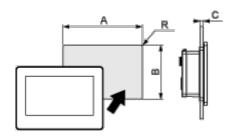
- 1 Front
- 2 Left
- 3 Bottom

HMISTO735

Mounting and Clearance

Mounting

Panel Cut-out Dimensions



Dimensions in mm

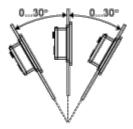
Description	Α	В	С	R
Without adapter	112.5	77.5	1.56	3 max.
With adapter	105	66	1.56	3 max.

Dimensions in in.

Difficiono 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

