Product data sheet

Specification





touch panel screen, Harmony ST6, 4inch wide display, 1COM, 1Ethernet, USB host and device, 24V DC

HMIST6200

Product availability: Stock - Normally stocked in distribution facility

Price*: 415.00 USD

Main

Range of Product	Harmony ST6
Product or Component Type	Touch panel screen
Processor name	ARM Cortex-A8

Complementary

display size 4 inch Display Type Colour TFT LCD Display colour 16 million colours display resolution 480 x 272 pixels Touch panel Single touch analogue resistive Backlight lifespan 50000 hours white Brightness 16 levels Character font ASCII (European characters) Chinese (simplified Chinese) Japanese (ANK, Kanji) Katakana Korean Taiwanese (traditional Chinese) [Us] rated supply voltage 24 V DC +/- 20 %) Inrush current 30 A Local signalling Status LED green, steady offline Status LED green, fladed stand-by Status LED preen, fladed stand-by Status LED preen, fladed stand-by Status LED red, flashing operating Status LED red, flashing software starting up Status LED red, flashing operating Status LED red, off power supply (OFF) Power consumption in W 6.9 W Number of pages EcoStruxure Operator Terminal Expert							
Display colour display resolution 480 x 272 pixels Touch panel Single touch analogue resistive Backlight lifespan 50000 hours white Brightness 16 levels Character font ASCII ASCII (European characters) Chinese (simplified Chinese) Japanese (ANK, Kanji) Katakana Korean Taiwanese (traditional Chinese) Inrush current 30 A Local signalling Status LED green, steady offline Status LED green, flashing operating Status LED rend, flashing operating Status LED red, flashing operating	display size	4 inch					
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Number of pages 200 application pages Software package EcoStruxure Operator Terminal Expert	Local signalling	Status LED green, steady operating Status LED green, flashing operating Status LED green, faded stand-by Status LED orange, flashing software starting up Status LED red, steady power supply (ON) Status LED red, flashing operating					
Software package	Power consumption in W	6.9 W					
	Number of pages	200 application pages					
Processor frequency 800 MHz	Software package	EcoStruxure Operator Terminal Expert					
	Processor frequency	800 MHz					
Port Ethernet 10/100BASE	Port Ethernet	10/100BASE					

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

Memory description	512 MB device memory 128 MB user data memory 512 KB backup memory 1 COM1 serial link - 1 SUB-D 9-pin female - RS232C/RS485 2400115200 bps)bottom COM1 serial link 2400187500 bps)back 1 USB 2.0 type Aback 1 USB 2.0 type micro Bbottom 1 Ethernet - female RJ45 - RS485				
Integrated connection type					
Supply	External supply				
Realtime clock	Built-in 050 °C Built-in 1090 % RH				
Downloadable protocols	Modbus Uni-TE Third party protocols				
Product brand	Schneider Electric Modicon Mitsubishi Melsec Omron Sysmac Rockwell Automation Allen-Bradley Siemens Simatic				
Fixing mode	By 2 screws 1.65 mm thick panel UL 61010-2-201 By 2 screws IEC 61131-2 By 2 screws IEC 61000-6-2				
Enclosure Material	PC				
Front material	Aluminium				
marking	CE				
Cut-out dimensions	118.5 x 92.5 mm panel cut dimension				
Height	4.3 in (108.5 mm)				
Width	5.3 in (134.5 mm)				
Depth	1.7 in (43 mm)				
Net Weight	0.9 lb(US) (0.4 kg)				

Environment

Immunity to microbreaks	2 ms				
Standards	IEC 61000-6-4				
	IEC 61000-6-2				
	IEC 61131-2				
	UL 61010-2-201				
	CSA C22.2 No 61010-2-201				
Product Certifications	CSA				
	CE				
	UKCA				
Directives	2014/35/EU - low voltage directive				
	2014/30/EU - electromagnetic compatibility				
Ambient Air Temperature for Operation	32.0000000000122.0000000000 °F (050 °C)				
Ambient Air Temperature for Storage	-4.0000000000140.00000000000 °F (-2060 °C)				
Relative humidity	1090 % non-condensing				
Operating altitude	6561.68 ft (2000 m)				
IP degree of protection	IP20 IEC 61131-2 rear panel)				
	IP65 IEC 61131-2 front panel)				
NEMA degree of protection	NEMA 4 front panel (indoor use)				
	NEMA 13 front panel (in enclosure)				
Shock resistance	147 m/s² 11 ms X, Y, Z directions for 10 cycles (approx. 100 min))IEC 61131-2				

Vibration resistance	+/- 3.5 mm 59 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) IEC 61131-2 9.8 m/s 2 9150 Hz)		
Electromagnetic compatibility	Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: 1 kV (signal ports) Electrostatic discharge immunity test - test level: 6 kV (contact discharge) conforming to IEC 61000-4-2 level 3 Electrostatic discharge immunity test - test level: 8 kV (air discharge)		

Ordering and shipping details

Category	US10MC222565
Discount Schedule	0MC2
GTIN	3606489523374
Returnability	Yes
Country of origin	ID

Packing Units

•	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.189 in (8.100 cm)
Package 1 Width	5.394 in (13.700 cm)
Package 1 Length	7.323 in (18.600 cm)
Package 1 Weight	15.908 oz (451.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	12
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	12.928 lb(US) (5.864 kg)

Sustainability Screen 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



Rohs Exemption Information

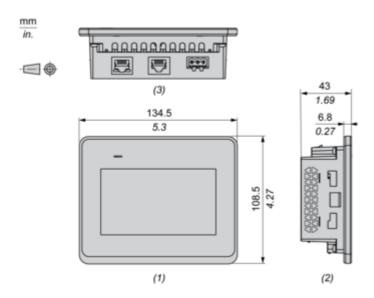
Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) China RoHS declaration				
China Rohs Regulation					
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.				
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				

Dimensions Drawings

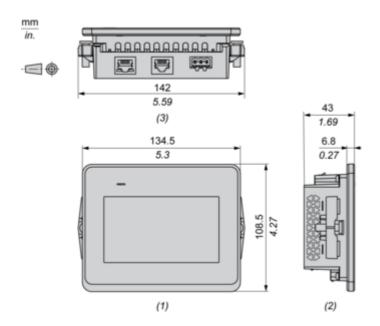
Dimensions

External Dimensions



(1) : Front (2) : Left (3) : Bottom

Dimensions with Installation Fasteners

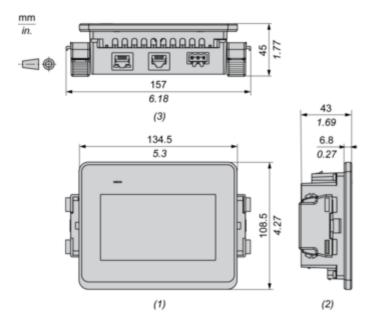


(1): Front(2): Left(3): Bottom

Dimensions with Spring Clips

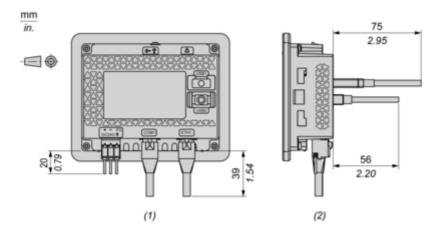
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(1): Front (2): Left (3): Bottom

Dimensions with Cables



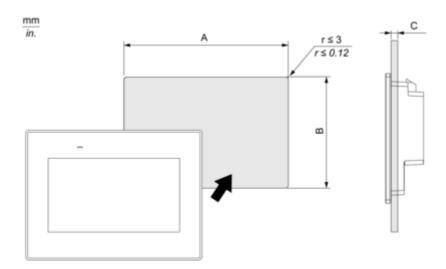
(1) : Rear (2) : Right

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Mounting and Clearance

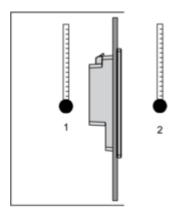
Mounting

Panel Cut Dimensions

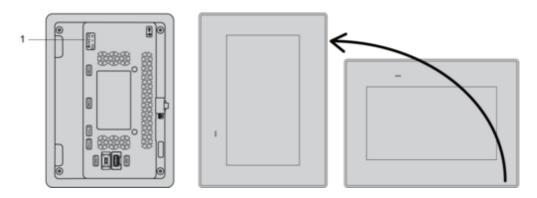


АВ			3		C Installing with spring			
				Position 1		Position 2		
mm	in.	mm	in.	mm	in.	mm	in.	
118.5 (+1, -0)	4.67 (+0.04, -0)	92.5 (+1, -0)	3.64 (+0.04, -0)	1.54	0.060.16	46	0.160.24	

Installation Requirements

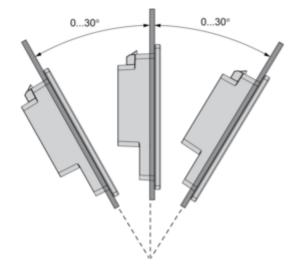


- 1 : Internal temperature
- 2 : External temperature



1 : Power connector

Mounting Angle



Clearance

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