Product data sheet

Specification





touch panel screen, Harmony ST6, 15inch wide display, 2COM, 2Ethernet, USB host and device, 24V DC

HMIST6700

Product availability: Stock - Normally stocked in distribution facility

Price*: 2,075.00 USD

Main

Range Of Product	Harmony ST6	
Product Or Component Type	Touch panel screen	
Processor Name	ARM Cortex-A8	

Complementary

Display Size	15 inch			
Display Type	Colour TFT LCD			
Display Colour	16 million colours			
Display Resolution	1366 x 768 pixels FWXGA			
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)			
[Us] Rated Supply Voltage	24 V DC +/- 20 %)			
Inrush Current	30 A			
Local Signalling	Status LED green, steady offline 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 Status LED red, off power supply (OFF)			
Power Consumption In W	18.5 W			
Number Of Pages	200 application pages			
Software Package	EcoStruxure Operator Terminal Expert			
Processor Frequency	800 MHz			
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	1 GB device memory 512 KB backup memory 128 MB user data memory		
Integrated Connection Type	1 COM1 serial link - 1 SUB-D 9-pin female - RS232C 2400115200 bps)bottom 1 COM2 serial link - female RJ45 - RS485 2400115200 bps)back COM2 serial link 2400187500 bps)back 1 USB 2.0 type Abottom 1 USB 2.0 type micro B 2 Ethernet		
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 6 screws 1.65 mm thick panel UL 61010-2-201 By 6 screws IEC 61131-2 By 6 screws IEC 61000-6-2		
Enclosure Material	PC		
Front Material	Aluminium		
Marking	CE		
Cut-Out Dimensions	394 x 250 mm panel cut dimension		
Height	10.55 in (268 mm)		
Width	16.22 in (412 mm)		
Depth	1.97 in (50 mm)		
Net Weight	5.95 lb(US) (2.7 kg)		

Environment

Immunity To Microbreaks	10 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	32122 °F (050 °C)	
Ambient Air Temperature For Storage	-4140 °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 3 times)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

	<u> </u>	
Category	US10MC222565	
Discount Schedule	0MC2	
Gtin	3606489523411	
Returnability	Yes	
Country Of Origin	US	

Packing Units

Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	5.12 in (13.000 cm)	
Package 1 Width	14.17 in (36.000 cm)	
Package 1 Length	20.87 in (53.000 cm)	
Package 1 Weight	7.44 lb(US) (3.375 kg)	
Unit Type Of Package 2	P06	
Number Of Units In Package 2	8	
Package 2 Height	29.53 in (75.000 cm)	
Package 2 Width	23.62 in (60.000 cm)	
Package 2 Length	31.50 in (80.000 cm)	
Package 2 Weight	83.78 lb(US) (38.000 kg)	

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



Rohs Exemption Information

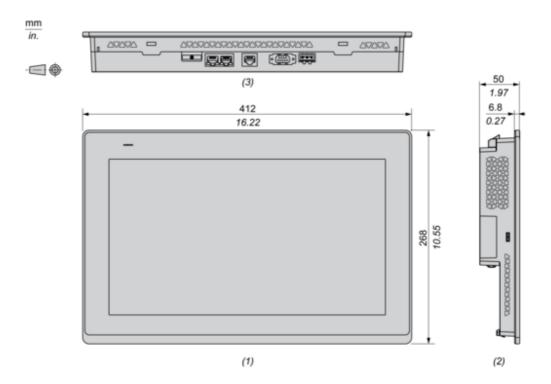
Certifications & Standards

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

Dimensions Drawings

Dimensions

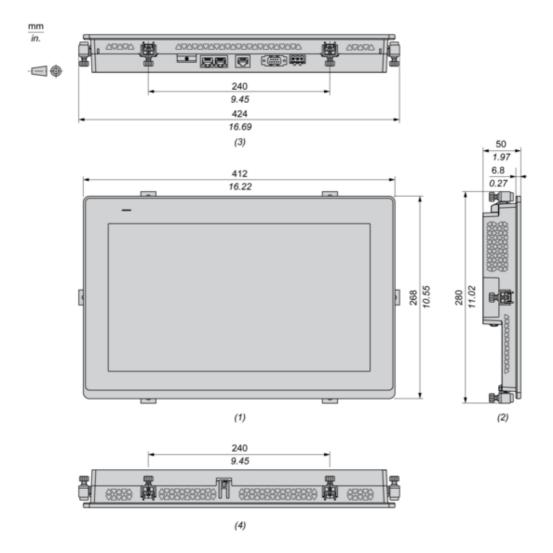
External Dimensions



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

Dimensions with Installation Fasteners

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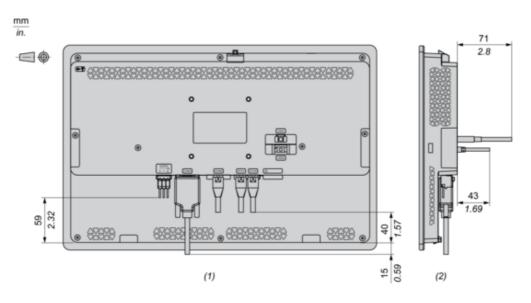


(1) : Front

(2) : Left (3) : Bottom

(4) : Top

Dimensions with Cables



(1) : Rear

(2) : Right

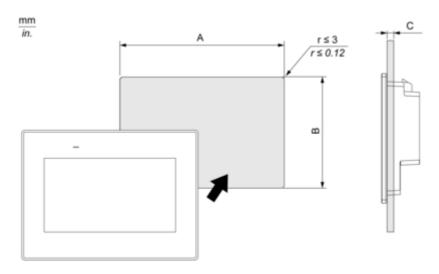
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Mounting and Clearance

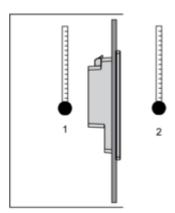
Mounting

Panel Cut Dimensions

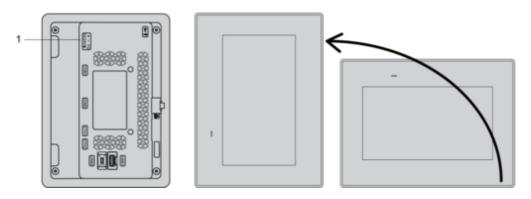


A		В		С	
mm	in.	mm	in.	mm	in.
394 (+1, -0)	15.51 (+0.04, -0)	250 (+1, -0)	9.84 (+0.04, -0)	1.65	0.060.2

Installation Requirements

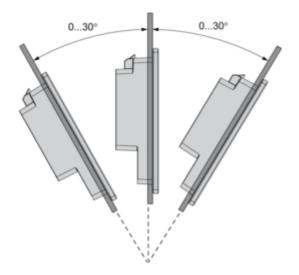


- 1 : Internal temperature
- 2 : External temperature



1 : Power connector

Mounting Angle



Clearance

