



# 15"W touch panel display, 2COM, 2Ethernet, USB host&device, 24VDC

HMIST6700

### 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 with 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 for offline Status LED green, steady for operating Status LED green, flashing for operating Status LED green, faded for stand-by Status LED orange, flashing for software starting up Status LED red, steady for power supply (ON) Status LED red, flashing for operating Status LED red, off for 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			
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 (rate: 2400115200 bps)bottom 1 COM2 serial link - female RJ45 - RS485 (rate: 2400115200 bps)back COM2 serial link (rate: 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, mounting on 1.65 mm thick panel conforming to UL 61010-2-201 By 6 screws conforming to IEC 61131-2 By 6 screws conforming to IEC 61000-6-2			
Enclosure material	PC			
Front material	Aluminium			
marking	CE			
Cut-out dimensions	394 x 250 mm panel cut dimension			
Height	268 mm			
Width	412 mm			
Depth	50 mm			
Net weight	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	050 °C	
Ambient air temperature for storage	-2060 °C	
Relative humidity	1090 % non-condensing	
Operating altitude	2000 m	
IP degree of protection	IP20 (rear panel) conforming to IEC 61131-2	
	IP65 (front panel) conforming to IEC 61131-2	
NEMA degree of protection	NEMA 4 front panel (indoor use)	
	NEMA 13 front panel (in enclosure)	
Shock resistance	147 m/s² for 11 ms (X, Y, Z directions for 3 times) conforming to IEC 61131-2	

Vibration resistance	+/- 3.5 mm (f = 59 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 61131-2 9.8 m/s $^2$ (f = 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)	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.000 cm
Package 1 Width	36.000 cm
Package 1 Length	53.000 cm
Package 1 Weight	3.375 kg
Unit Type of Package 2	P06
Number of Units in Package 2	8
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	38.000 kg

# Sustainability Green 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**

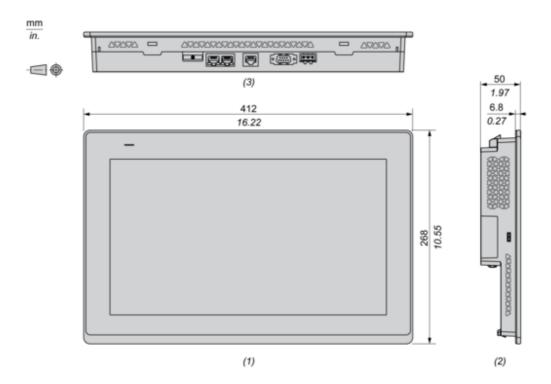
Reach Regulation	REACh Declaration		
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)		
China Rohs Regulation	China RoHS declaration		
Environmental Disclosure	Product Environmental Profile		
Weee	The product must be disposed on European Union markets following specific waste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

16-Sept-2024

**Dimensions Drawings** 

#### **Dimensions**

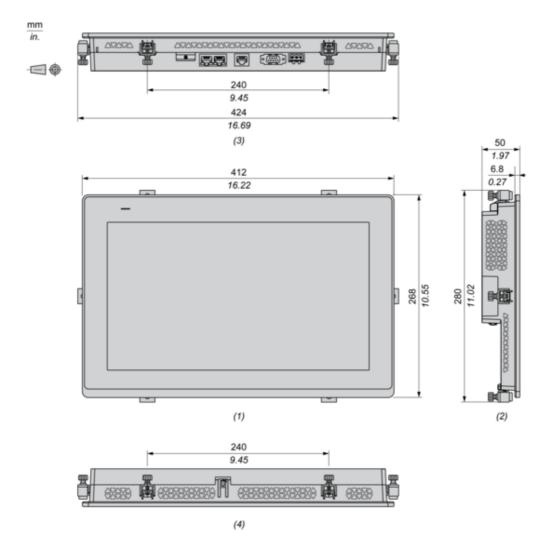
#### **External Dimensions**



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

**Dimensions with Installation Fasteners** 

#### **HMIST6700**



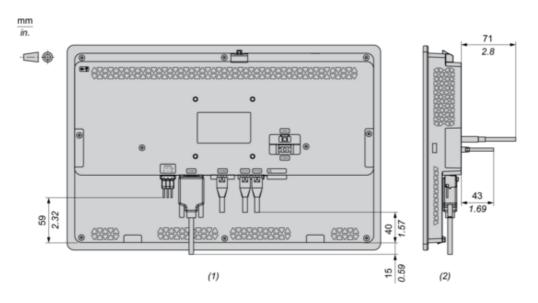
(1) : Front

(2) : Left

(3) : Bottom

(4) : Top

#### **Dimensions with Cables**



(1) : Rear

(2) : Right

**Product datasheet** 

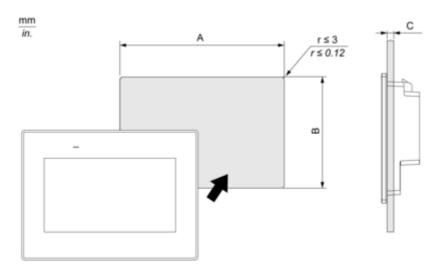
**HMIST6700** 

## **HMIST6700**

Mounting and Clearance

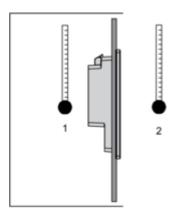
#### Mounting

#### **Panel Cut Dimensions**

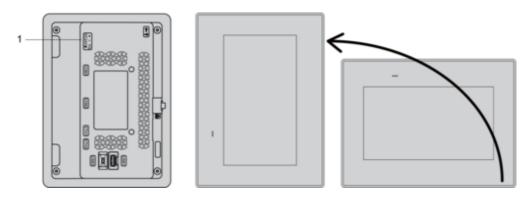


Α		В		С	
mm	in.	mm	in.	mm	in.
394 (+1, -0)	15.51 (+0.04, -0)	250 (+1, -0)	9.84 (+0.04, -0)	1.65	0.060.2

#### **Installation Requirements**

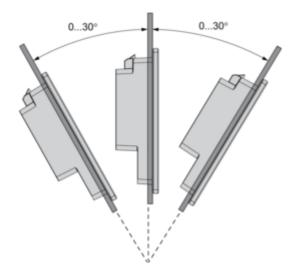


- 1 : Internal temperature
- 2 : External temperature



1 : Power connector

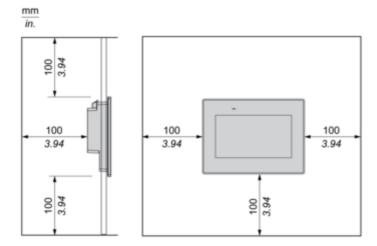
#### **Mounting Angle**



#### Clearance

## **Product datasheet**

## **HMIST6700**



## **HMIST6700**

Offer Marketing Illustration

#### Product benefits / Features



Offer Marketing Illustration

#### **Product benefits / Features**

# **Technical Benefits**

#### Harmony ST6 Basic HMI

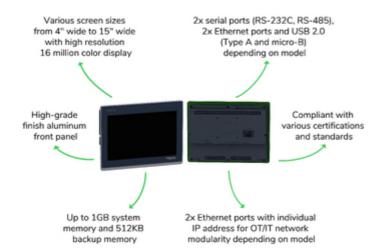


Image of product / Alternate images

#### **Alternative**







