

# Product data sheet

Specifications



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

HMISTW6700

**Product availability: Non-Stock - Not normally stocked in  
distribution facility**

## Main

Range of Product	Harmony ST6
Product or Component Type	Touch panel screen
Software Designation	Web interface for operator
Processor name	ARM Cortex-A8
Processor frequency	800 MHz
Memory description	512 MB device memory 512 MB backup memory 128 kB user data memory

## 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) Katakana
[Us] rated supply voltage	24 V DC +/- 20 %)
Power consumption in W	18.5 W
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)
Port Ethernet	10/100BASE
Integrated connection type	1 USB 2.0 type Aback 1 Ethernet - female RJ45bottom
Supply	External supply
Realtime clock	Built-in 0...50 °C Built-in 10...90 % RH

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



Fixing mode	By 6 screws 1.6...5 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	10.6 in (268 mm)
Width	16.2 in (412 mm)
Depth	2.0 in (50 mm)
Product Weight	6.0 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	32...122 °F (0...50 °C)
Ambient Air Temperature for Storage	-4...140 °F (-20...60 °C)
Relative humidity	10...90 % 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 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) IEC 61131-2 9.8 m/s² 9...150 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	3606489918118
Returnability	No
Country of origin	ID

## Packing Units



Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.92 in (12.500 cm)
Package 1 Width	14.17 in (36.000 cm)
Package 1 Length	20.87 in (53.000 cm)
Package weight(Lbs)	7.361 lb(US) (3.339 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	16.455 lb(US) (7.464 kg)



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)


[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	1479
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

Use Better

Materials and Substances	
F-gas usage performance	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
SCIP Number	20694bec-44d9-42c3-8fdd-3861ce15e3ab
REACH Regulation	<a href="#">REACH Declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
Halogen content performance	Product contains halogen above thresholds
PVC free	No
Silicon free	No

Use Again

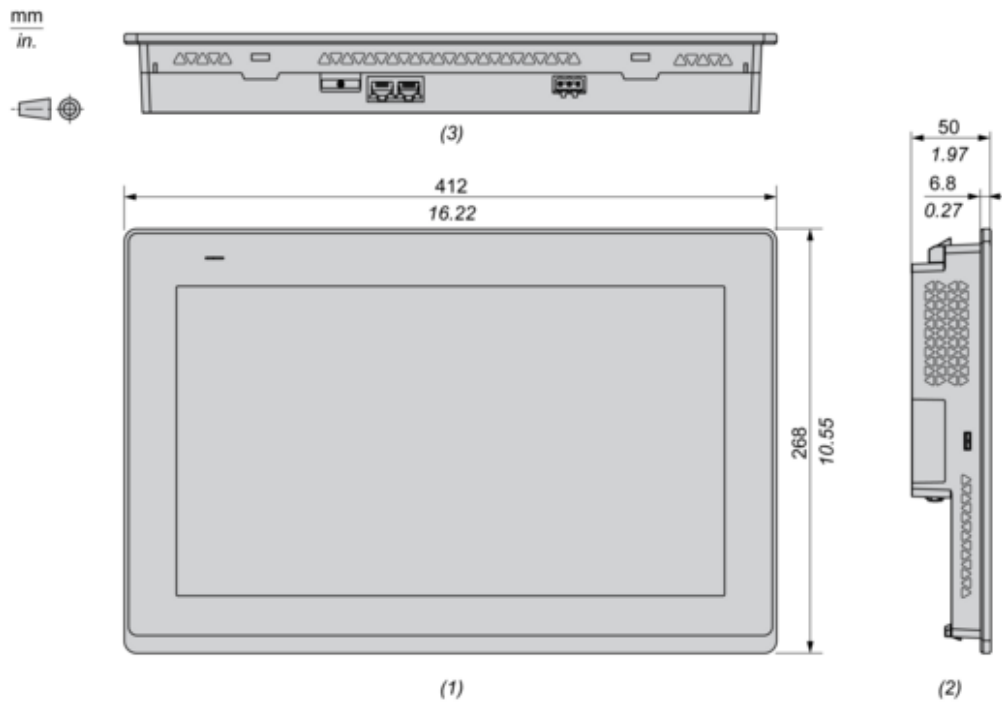
Repack and remanufacture	
Circularity Profile	<a href="#">End of Life Information</a>
Removable battery	User replaceable
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.



Dimensions Drawings

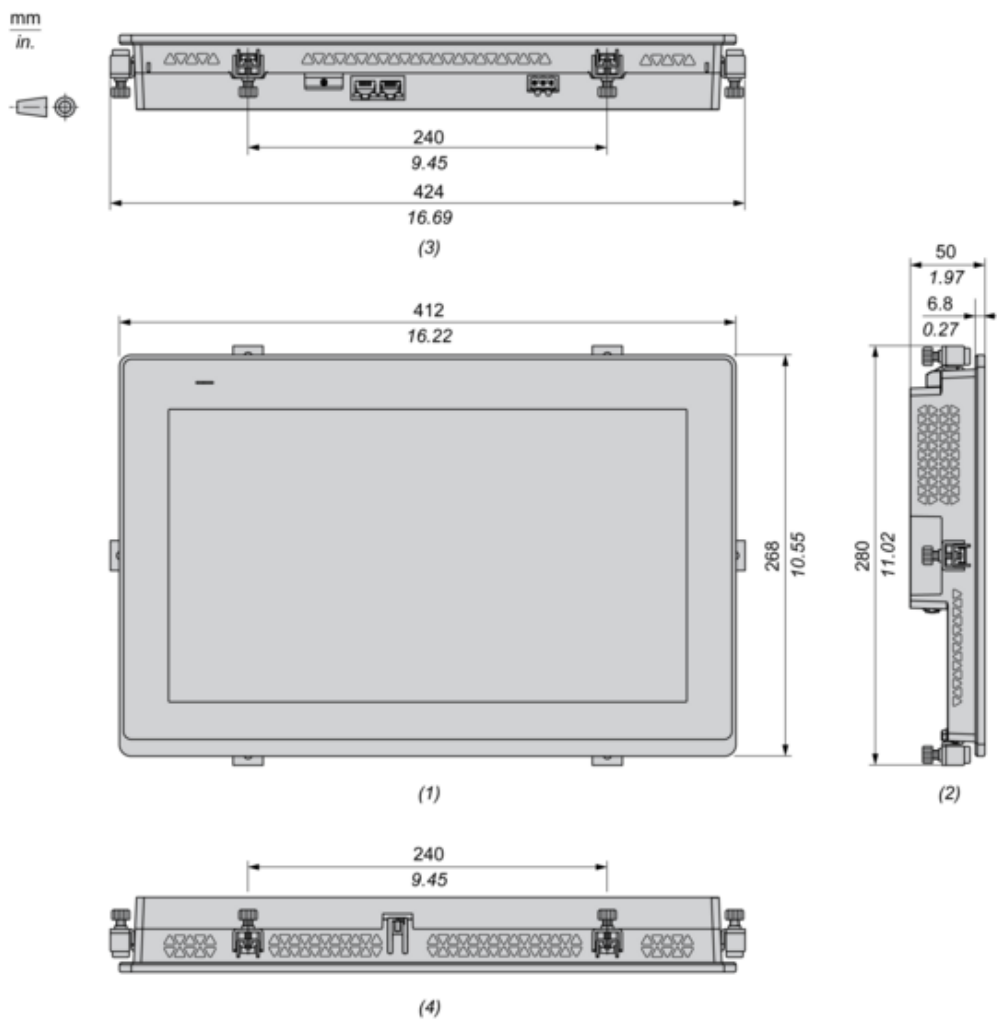
Dimensions

External Dimensions



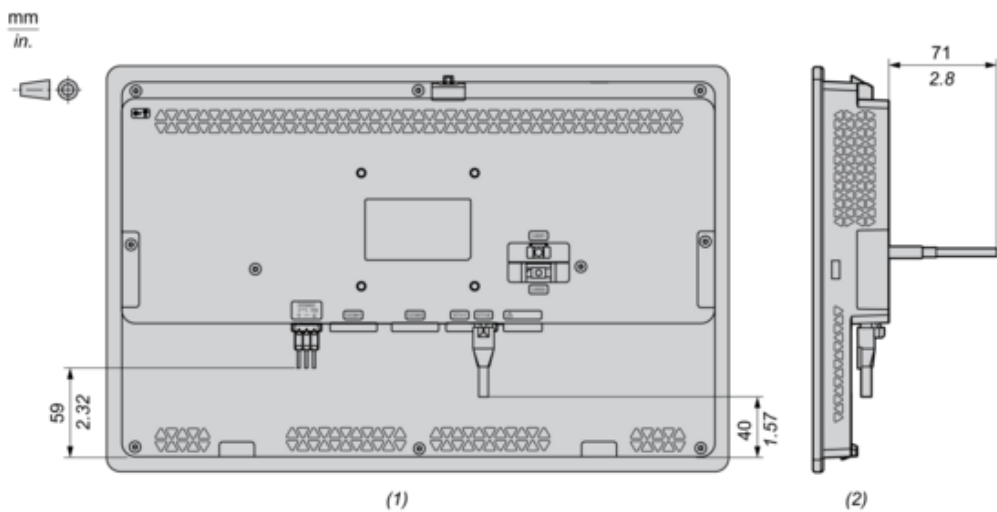
Dimensions with Installation Fasteners





- (1) : Front
- (2) : Left
- (3) : Bottom
- (4) : Top

Dimensions with Cables



- (1) : Rear
- (2) : Right



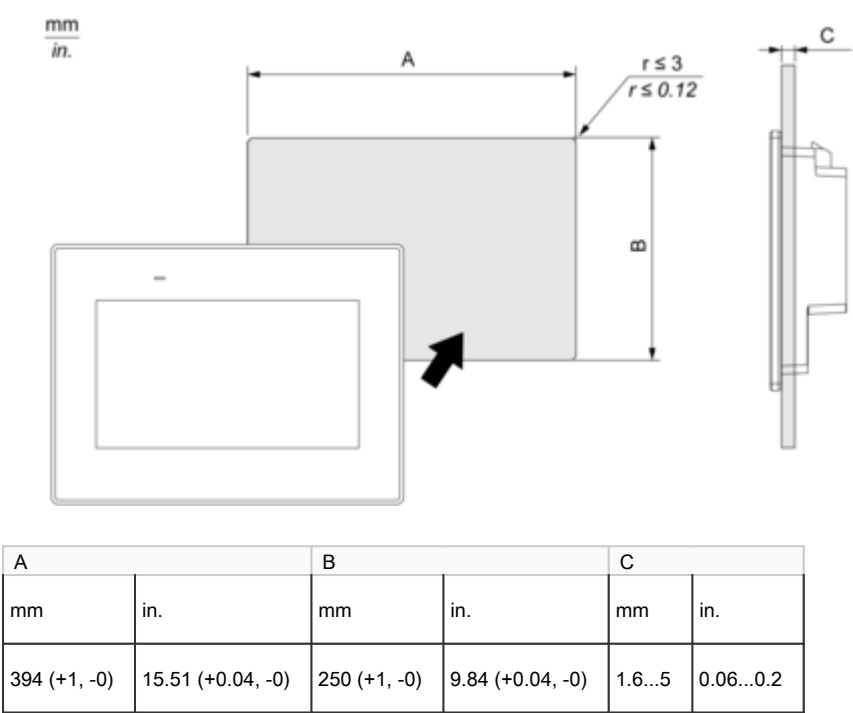




Mounting and Clearance

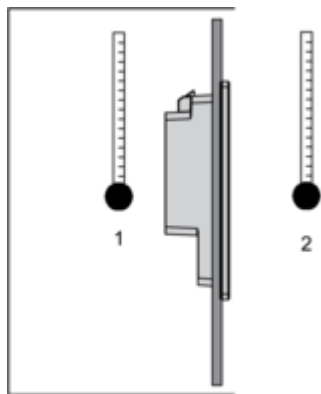
Mounting

Panel Cut Dimensions

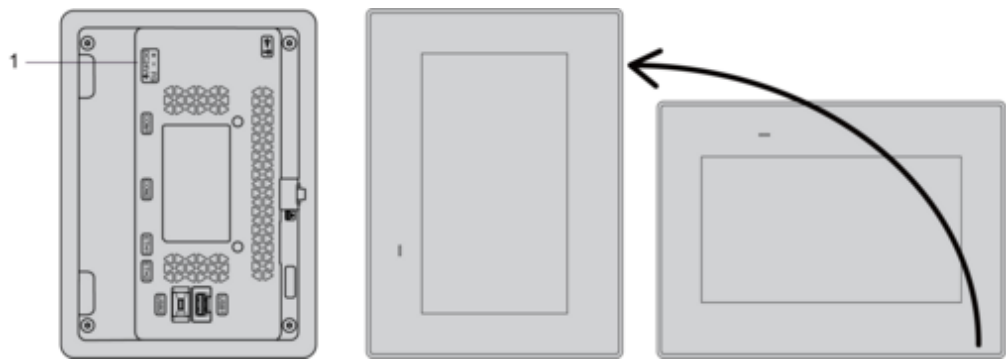




Installation Requirements

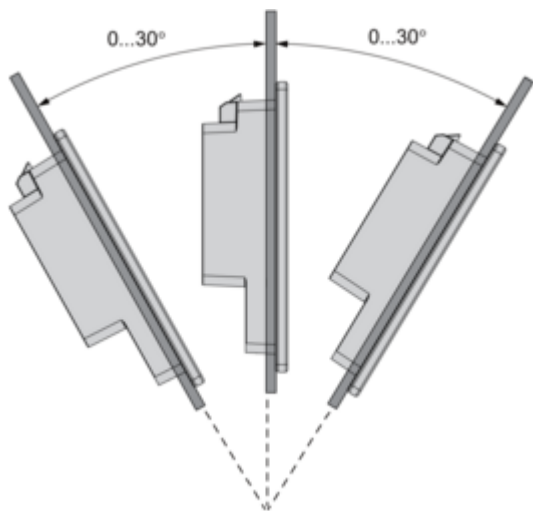


- 1 : Internal temperature
- 2 : External temperature



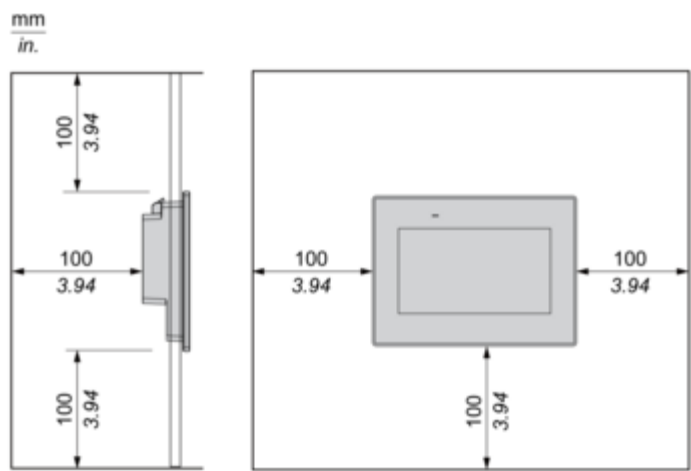
- 1 : Power connector

Mounting Angle



Clearance







Offer Marketing Illustration

Product benefits / Features

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## Features

### Harmony ST6 Web HMI



Web HMI with pre-installed HTML5 browser



Visualize all web content of any HTTP server in industrial devices



Better visualization



Cybersecurity enhancement with secure boot



Simple and stylish design



Easy installation with tool-free fastener





Offer Marketing Illustration

Product benefits / Features

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Technical Benefits

Harmony ST6 Web HMI

