

Product datasheet

Specifications



touch panel screen, Harmony ST6,
4inch wide display, colour TFT LCD

HMISTM62

Main

Range of product	Harmony ST6
Product or component type	Touch panel screen

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	20000 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 %)
Power consumption in W	1.0 W
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)
Number of pages	200 application pages
Realtime clock	Built-in 0...50 °C Built-in 10...90 % RH
Fixing mode	Ø 22 mm hole, mounting on 1.5 to 6 mm thick panel conforming to UL 61010-2-201 Ø 22 mm hole conforming to IEC 61131-2 Ø 22 mm hole conforming to IEC 61000-6-2
Front material	Plastic
Marking	CE
Cut-out dimensions	Ø 22.5 mm
Height	101.1 mm

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

Width	140.4 mm
Depth	29.8 mm
Product weight	0.22 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 CSA C22.2 No 213
Product certifications	CE UKCA cULus RCM KC cULus Class 1 Division 2 DNV ABS RINA BV
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	10...90 % non-condensing
Operating altitude	2000 m
IP degree of protection	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 10 cycles (approx. 100 min)) conforming to IEC 61131-2
Vibration resistance	+/- 3.5 mm (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 61131-2 9.8 m/s² (f = 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)
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.700 cm
Package 1 Width	13.700 cm
Package 1 Length	22.000 cm
Package 1 Weight	373.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	9
Package 2 Height	30.000 cm

Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.942 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

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

Total lifecycle Carbon footprint	101 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	54 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	47 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

F-gas free	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
SCIP Number	715da6e9-302b-4bd3-a8b4-7f8cdd474a0e
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	Yes

WEEE Label

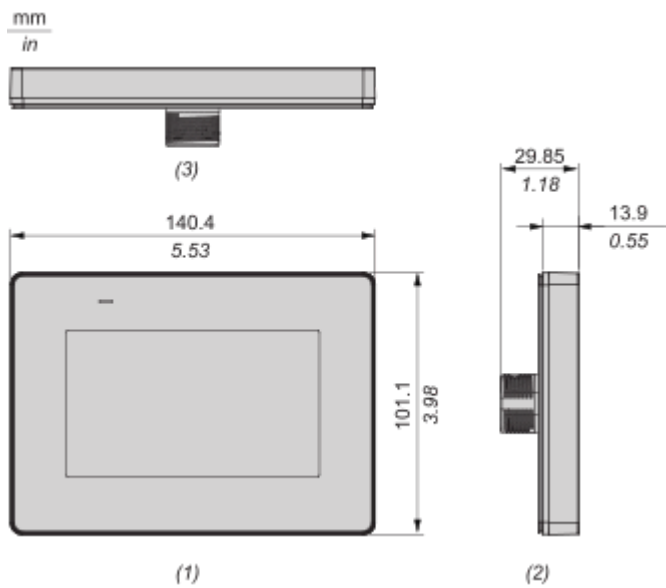


The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

External Dimensions



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

Technical Illustration

Dimensions

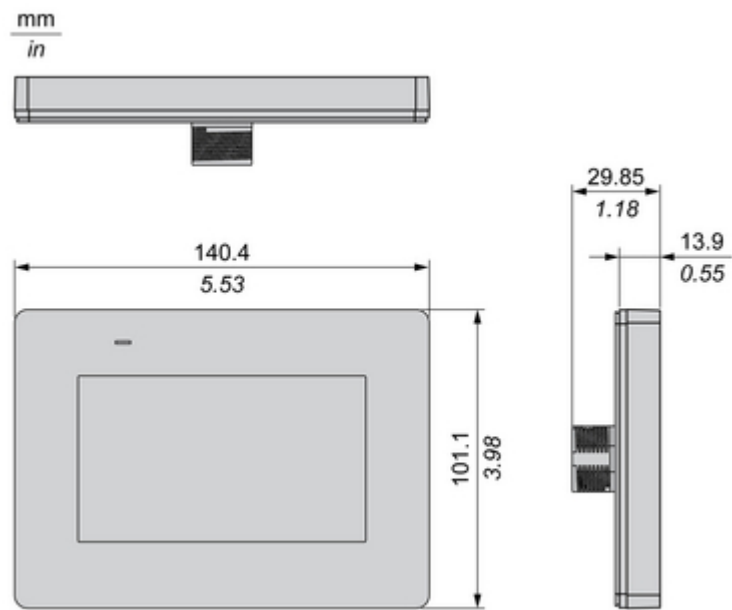


Image of product / Alternate images

Alternative

