

Product data sheet

Specifications



touch panel screen, Harmony ST6,
spare part , rear module, 1COM,
2Ethernet, USB host&device,
24VDC

HMISTM6B

Main

Range of product	Harmony ST6
Product or component type	Touch panel screen
Processor name	ARM Cortex-A8
Memory description	1 GB device memory 128 MB user data memory 512 KB backup memory

Complementary

[Us] rated supply voltage	24 V DC +/- 20 %)
Power consumption in W	6.8 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)
Number of pages	200 application pages
Port Ethernet	10/100BASE
Integrated connection type	1 COM1 serial link - female RJ45 - RS232C/RS485 2400...115200 bps)bottom 1 USB 2.0 type Aback 1 USB 2.0 type micro Bback 2 Ethernet - female RJ45bottom
Supply	External supply
Realtime clock	Built-in 0...50 °C Built-in 10...90 % 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	Ø 22 mm hole 1.5 to 6 mm thick panel UL 61010-2-201 Ø 22 mm hole IEC 61131-2 Ø 22 mm hole IEC 61000-6-2
Enclosure material	PC
Marking	CE
Cut-out dimensions	Ø 22.5 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

Height	4.3 in (108.2 mm)
Width	5.7 in (145.6 mm)
Depth	1.6 in (41.4 mm)
Net weight	0.60 lb(US) (0.27 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	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	2000 m
IP degree of protection	IP20 IEC 61131-2 rear panel)
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 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)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.346 in (8.500 cm)
Package 1 Width	5.394 in (13.700 cm)
Package 1 Length	8.661 in (22.000 cm)
Package 1 Weight	14.921 oz (423.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	9
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	9.905 lb(US) (4.493 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	242 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]	188 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 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
SCIP Number	715da6e9-302b-4bd3-a8b4-7f8cdd474a0e
Halogen content performance	Product contains halogen above thresholds
PVC free	No
Silicon free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



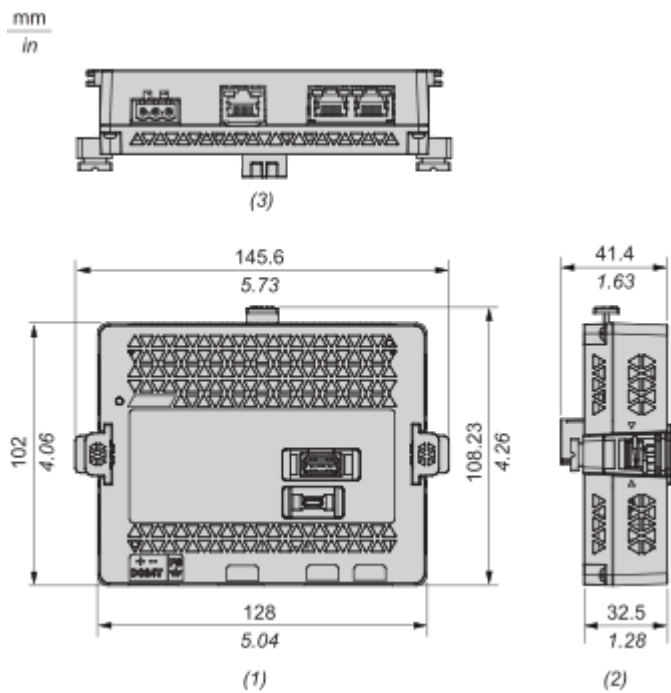
Repack and remanufacture

Circularity Profile	End of Life Information
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

Rear Module Dimensions



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

Technical Illustration

Dimensions

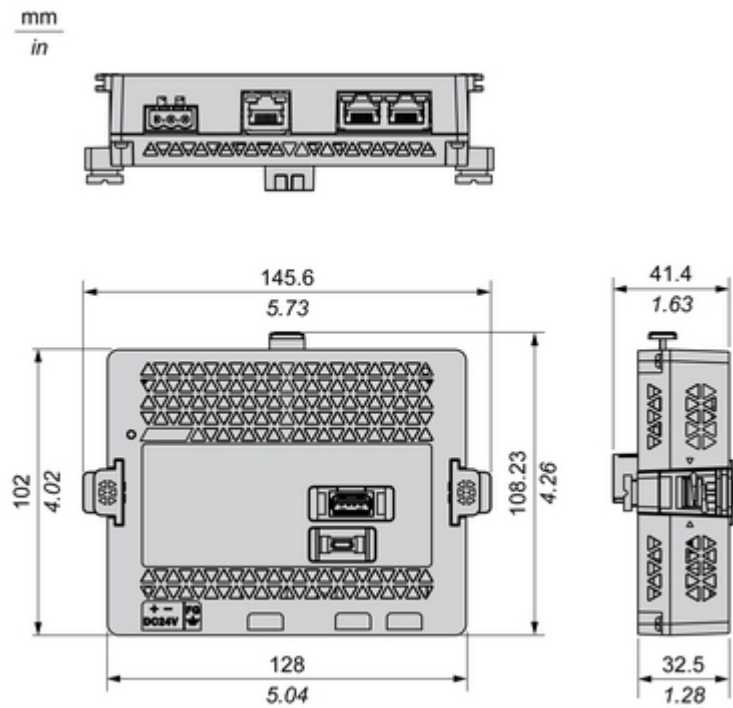


Image of product / Alternate images

Alternative



