Product data sheet

Specifications

Green Premium™

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

HMISTM6B

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

Price*: 475.00 USD

Main

Range of Product	Harmony ST6
Product or Component Type	Touch panel screen
Software package	EcoStruxure Operator Terminal Expert
Processor name	ARM Cortex-A8
Processor frequency	800 MHz
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

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

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
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	6561.68 ft (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)

Ordering and shipping details

Category	US10MC222565
Discount Schedule	0MC2
GTIN	3606481856456
Returnability	No
Country of origin	ID

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.23 in (8.2 cm)
Package 1 Width	5.31 in (13.5 cm)
Package 1 Length	8.46 in (21.5 cm)
Package 1 Weight	15.3 oz (435 g)
Unit Type of Package 2	S03
Number of Units in Package 2	9
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	9.905 lb(US) (4.493 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	72
Package 3 Height	31.50 in (80 cm)
Package 3 Width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	95.566 lb(US) (43.348 kg)

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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 ›

How we assess product 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.
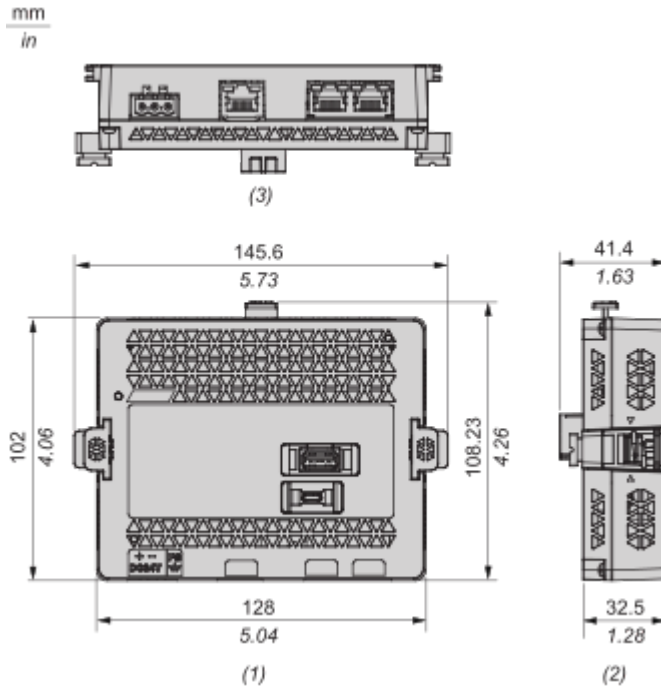
Circularity Profile   End of Life Information

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

Dimensions Drawings

Dimensions

Rear Module Dimensions

$\dfrac{mm}{in}$

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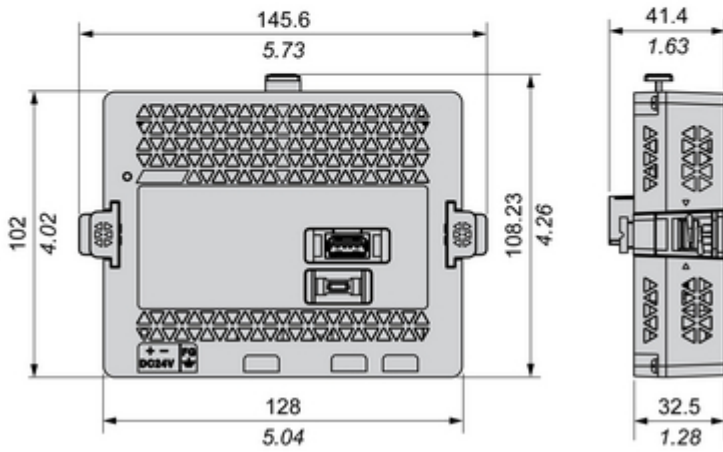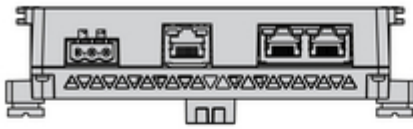**(2)** : Right
(3) : Bottom

Technical Illustration

Dimensions

Image of product / Alternate images

Alternative