Product data sheet
Characteristics

HMISTM6B

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

Green Premium™

Main

Range of product	Harmony ST6
Product or component type	Touch panel screen
Processor name	ARM Cortex-A8

Complementary

[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	6.8 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 128 MB user data memory 512 KB backup memory
Integrated connection type	1 COM1 serial link - female RJ45 - RS232C/RS485 (rate: 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, mounting on 1.5 to 6 mm thick panel conforming to UL 61010-2-201 Ø 22 mm hole conforming to EN 61131-2 Ø 22 mm hole conforming to IEC 61000-6-2
Enclosure material	PC

Marking	CE
Cut-out dimensions	Ø 22.5 mm
Height	108.2 mm
Width	145.6 mm
Depth	41.4 mm
Net weight	0.27 kg

Environment

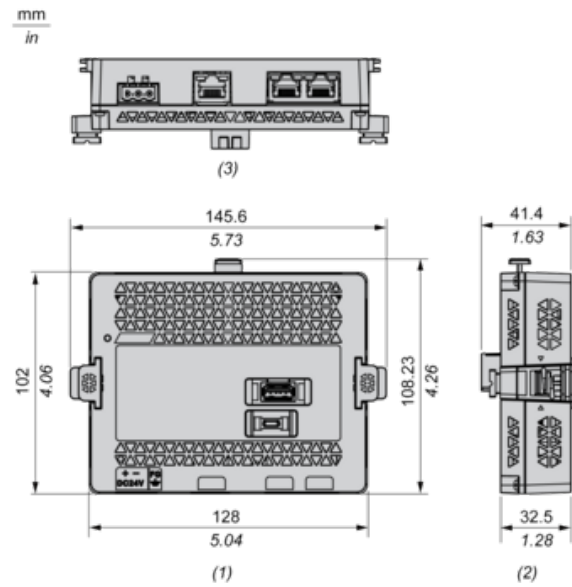|	
Immunity to microbreaks	2 ms
Standards	EN 61000-6-4 EN 61000-6-2 EN 61131-2 UL 61010-2-201 CSA C22.2 No 61010-2-201 CSA C22.2 No 213
Product certifications	CE[RETURN]UKCA[RETURN]cULus[RETURN]RCM[RETURN]KC[RETURN]cULus Class 1 Division 2[RETURN]DNV[RETURN]ABS[RETURN]RINA[RETURN]BV
Directives	2014/35/EU - 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	IP20 (rear panel) conforming to IEC 61131-2
Shock resistance	147 m/s² for 11 ms (X, Y, Z directions for 10 cycles (approx. 100 min)) conforming to EN/IEC 61131-2
Vibration resistance	+/- 3.5 mm (f = 5…9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/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 EN/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	8.2 cm
Package 1 Width	13.5 cm
Package 1 Length	21.5 cm
Package 1 Weight	435 g
Unit Type of Package 2	S03
Number of Units in Package 2	9
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.493 kg
Unit Type of Package 3	P06
Number of Units in Package 3	72
Package 3 Height	80 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	43.348 kg

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Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions

Rear Module Dimensions

(1) : Front

(2) : Right

(3) : Bottom