Product data sheet

Specifications



Edge Box HMI, Harmony ST6, 1COM, 2Ethernet, 2 USB, 24 VDC

HMISTM6BOXIOT

To be discontinued on: Jun 30, 2026

To be end-of-service on: Dec 31, 2026

To be discontinued

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony ST6
Product or Component Type	Modular HMI box
Software package	EcoStruxure machine SCADA expert runtime 500 tags pre-activated EcoStruxure machine SCADA expert runtime (mobile) 1 client activated EcoStruxure secure connect advisor pre-installed
Operating System	Linux
Processor name	ARM Cortex-A8
Memory description	512 KB NVRAM backup memory 512 MB internal RAM 1 GB NAND flash

Complementary

[Us] rated supply voltage	24 V DC
Local signalling	LED multi-colour
Integrated connection type	2 Ethernet TCP/IP - RJ45 - 10/100BASE-T 1 COM1 serial link - RJ45 - RS232C/RS485 2400...115200 bps) 1 USB 2.0 port - USB micro-B 1 USB 2.0 port - USB type A
Type of cooling	Natural convection
Realtime clock	Built-in
Height	4.0 in (101 mm)
Width	5.9 in (150.5 mm)
Depth	2.5 in (63.3 mm)
Product Weight	1.005 lb(US) (0.456 kg)

Environment

Standards	UL 61010 CSA C22.2 No 61010-2-201 UL 121201 CSA C22.2 No 213 IEC 61132-2

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

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

Product Certifications	CE UKCA cULus RCM KC cULus Class 1 Division 2 ABS RINA DNV
Pollution degree	2 IEC 61131-2 ed.3
Ambient Air Temperature for Operation	32…140 °F (0…60 °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)
Shock resistance	147 m/s²IEC 61131-2
Vibration resistance	3.5 mm constant amplitude 5…9 Hz) IEC 61131-2 9.8 m/s² 9…150 Hz) IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test conforming to IEC 61000-4-2 level 3

Ordering and shipping details

Category	US10MC222565
Discount Schedule	0MC2
GTIN	3606482158757
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.5 in (9 cm)
Package 1 Width	7.09 in (18 cm)
Package 1 Length	10.6 in (27 cm)
Package weight(Lbs)	23.9 oz (678 g)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	10.567 lb(US) (4.793 kg)

Contractual warranty

Warranty (in months)	18

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	**279 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**91 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 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**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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**
Halogen content performance	**Product contains halogen above thresholds**
PVC free	**No**
Silicon free	**No**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

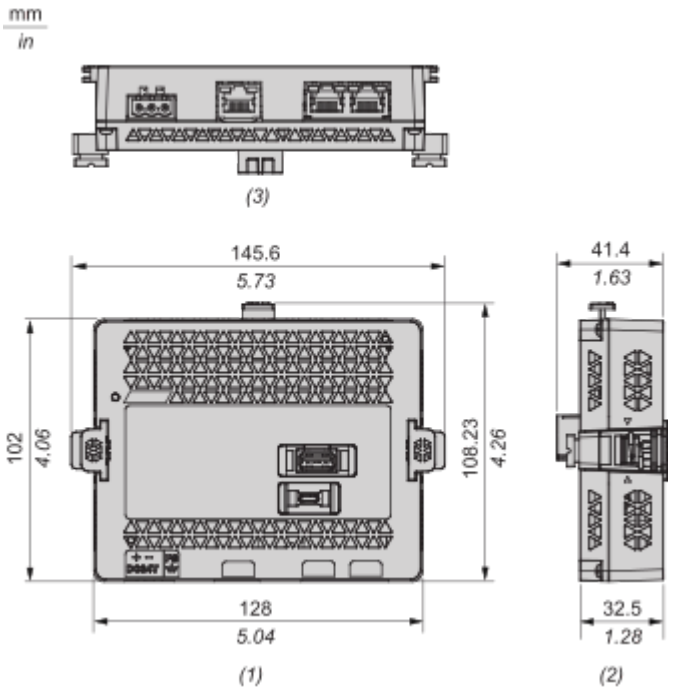
Circularity Profile	**End of Life Information**

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

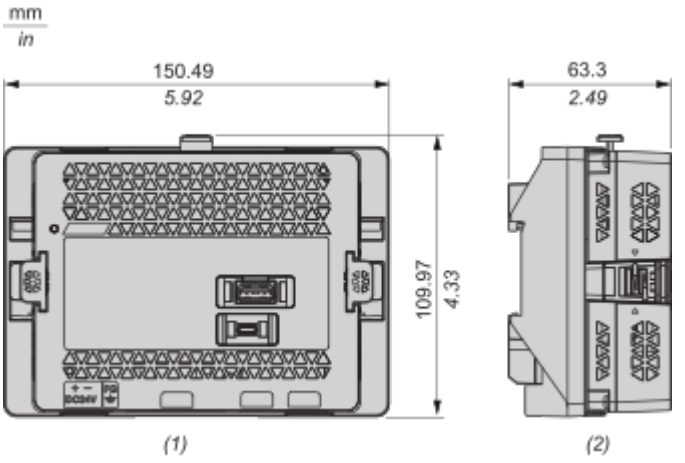
Dimensions

External dimensions



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

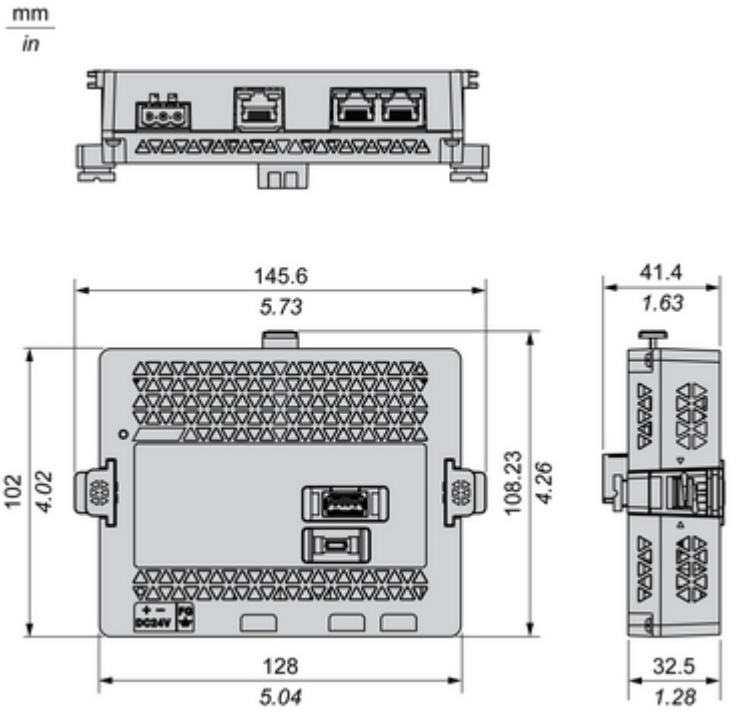
Dimension with installation adapter



(1) : Front
(2) : Right

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative






STATUS
HMISTM6BOXIOT
Edge Box HMI
Made in Indonesia
WARNING
UK CA
USB1
USB2
DC24V
FG
COM1
ETH1
ETH2



