Product data sheet

Specifications

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

HMISTM6BOXIOT

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
Processor frequency	800 MHz
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
Product Certifications	CE UKCA cULus RCM KC cULus Class 1 Division 2 ABS RINA DNV

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

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	3.54 in (9 cm)
Package 1 Width	7.09 in (18 cm)
Package 1 Length	10.63 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	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	10.567 lb(US) (4.793 kg)

Life Is On | Schneider Electric

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

Carbon footprint (kg CO2 eq, Total Life cycle)	**279**
Environmental Disclosure	**Product Environmental Profile**

Use Better

🗇 Materials and Substances

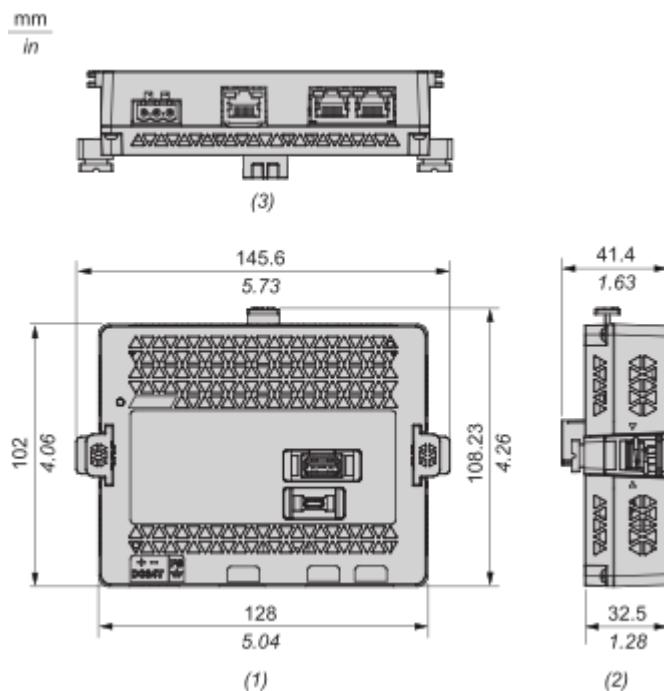|	
F-gas usage performance	**Only air and vacuum used for insulation / breaking, no F-gas including SF6**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**715da6e9-302b-4bd3-a8b4-7f8cdd474a0e**
REACh Regulation	**REACh Declaration**
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 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
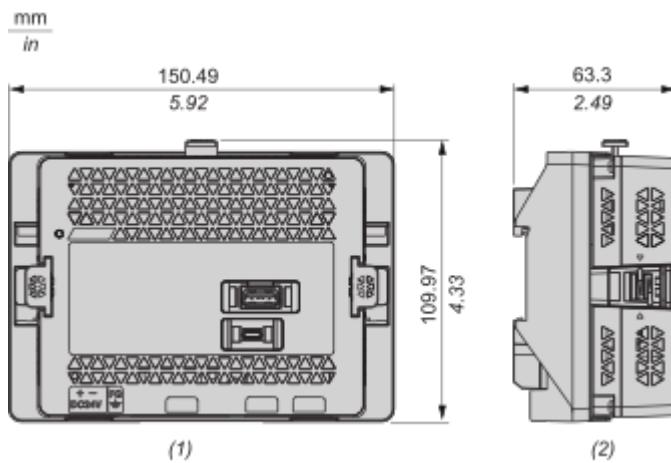
Dimensions

External dimensions

(1) : Front
(2) : Right
(3) : Bottom
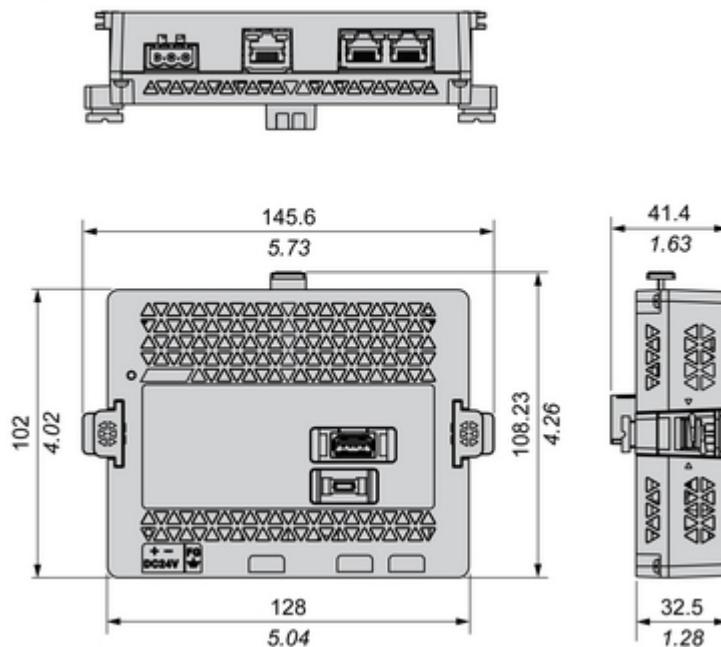
Dimension with installation adapter

(1) : Front
(2) : Right

Technical Illustration

Dimensions

Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features

Technical Benefits
Harmony ST6 Edge Box HMI

Faceless Edge Box
with cloud connectivity

Compliant with various
certifications and standards

Wide range of operating
temperature from
0°C to 60°C

2x Ethernet ports
with individual IP
address for OT/IT
network modularity

Tool-free easy
DIN rail mounting

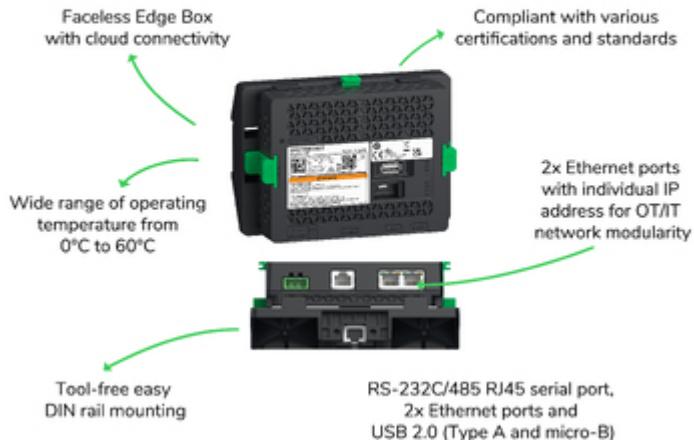RS-232C/485 RJ45 serial port,
2x Ethernet ports and
USB 2.0 (Type A and micro-B)

Image of product / Alternate images

Alternative