

Product data sheet

Specifications



Touch Screen Interface, SpaceLogic Operator Display, BACnet IP, 7” HMI for plant/zone ctrl override, panel-mounted in equipment room

HMIST6400SL

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

Main

Width	8.2 in (208 mm)
Product Certifications	CE UL
Product Weight	1.8 lb(US) (0.8 kg)
Product or Component Type	Touch panel screen
Height	6.02 in (153 mm)
Enclosure Material	PC
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Ambient Air Temperature for Storage	-4...140 °F (-20...60 °C)
Depth	1.8 in (45 mm)
Display Type	Colour TFT LCD
Display size	7 inch
Ambient air temperature for operation	32...122 °F (0...50 °C)
Display Resolution	800 x 480 pixels WVGA
Communication Port Support	ETHERNET 10/100BASE
[Us] Rated Supply Voltage	24 V DC +/- 20 %
Standards	EN 61000-6-4 EN 61000-6-2 EN 61131-2 UL 61010-2-201 IEC 61326-1
Relative Humidity	10...90 % non-condensing
Range of Product	Operator Display ST6
Product brand	Schneider Electric

Complementary

Inrush current	30 A
Touch panel	Single touch analogue resistive
Power Consumption in W	9 W
Character font	ASCII ASCII (European characters)
Marking	CE EAC UL

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

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

Front material	Aluminium
Brightness	16 levels
Display colour	16 million colours
Supply	External supply
Immunity to microbreaks	2 ms
Local signalling	Status LED green Status LED orange Status LED red Buzzer
Cut-out dimensions	190 x 135 mm panel cut dimension
Integrated connection type	1 COM1 serial link - 1 SUB-D 9-pin female - RS232C 2400...115200 bps)bottom 1 COM2 serial link - female RJ45 - RS485 2400...115200 bps)back COM2 serial link 2400...187500 bps)back 1 USB 2.0 type Abottom 1 USB 2.0 type micro B 2 Ethernet
Fixing mode	By 2 screws 1.6...5 mm thick panel UL 61010-2-201 By 2 screws EN 61131-2 By 2 screws IEC 61000-6-2
Realtime clock	Built-in 0...50 °C Built-in 10...90 % RH
Backlight lifespan	50000 hours white

Environment

Operating altitude	6561.68 ft (2000 m)
Vibration resistance	+/- 3.5 mm 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) EN/IEC 61131-2 9.8 m/s² 9...150 Hz)
Shock resistance	147 m/s² 11 ms X, Y, Z directions for 3 times)EN/IEC 61131-2
NEMA degree of protection	NEMA 4 front panel (indoor use) NEMA 13 front panel (in enclosure)
IP degree of protection	IP20 IEC 61131-2 rear panel) IP65 IEC 61131-2 front panel)

Ordering and shipping details

Category	US1BMS180230
Discount Schedule	BMS1
GTIN	3606481978455
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	10.7 in (27.2 cm)
Package 1 Width	7.2 in (18.2 cm)
Package 1 Length	3.6 in (9.2 cm)
Package weight(Lbs)	2.25 lb(US) (1.02 kg)
Unit Type of Package 2	CAR

Number of Units in Package 2	6
Package 2 Height	15.4 in (39.2 cm)
Package 2 Width	11.4 in (29 cm)
Package 2 Length	11.9 in (30.2 cm)
Package 2 Weight	14.42 lb(US) (6.54 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 >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	20694bec-44d9-42c3-8fdd-3861ce15e3ab
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

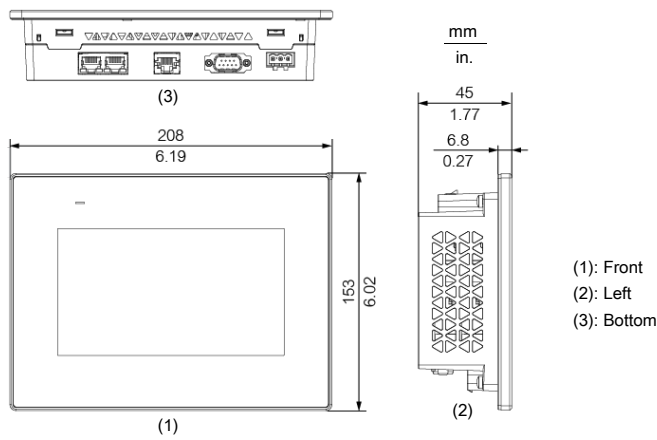
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

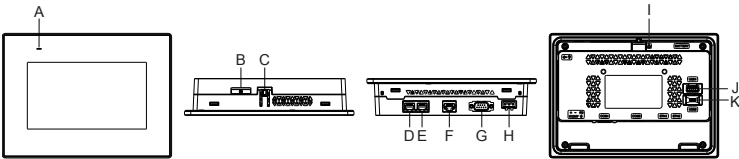
Technical Illustration

Dimensions



Technical Illustration

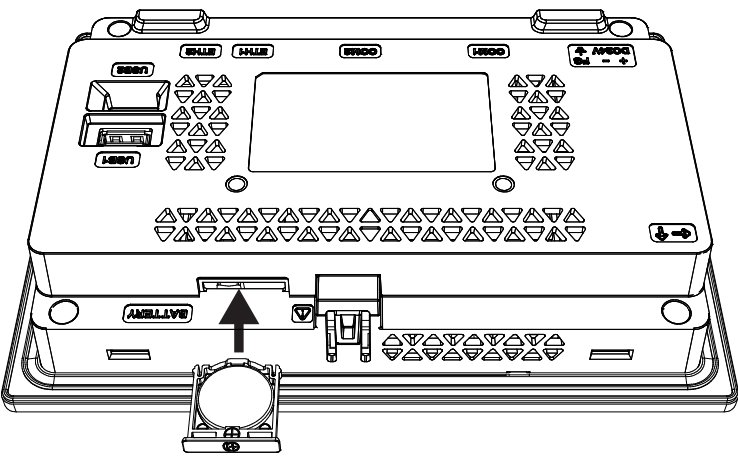
Exploded view



- A. Status LED
- B. Battery slot
- C. Hook
- D. Ethernet interface (ETH2) – Not used
- E. Ethernet interface (ETH1)
- F. Serial interface (RJ-45, RS-485) (COM2) – Not used
- G. Serial interface (RS-232C) (COM1) – Not used
- H. Power plug connector
- I. Safety alert symbol
- J. USB (Type A) interface (USB1)
- K. USB (micro-B) interface (USB2)

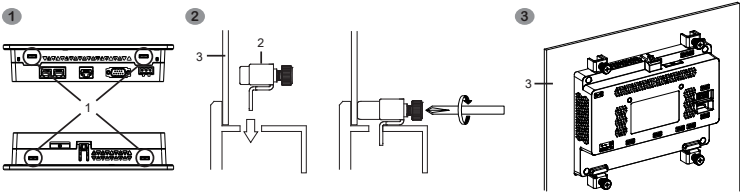
Technical illustration

Product Installation



Technical illustration

Product Installation



- 1. Insertion slots
- 2. Installation fastener
- 3. Installation panel