

Product data sheet

Specifications



7" wide screen touch panel, 16M colors, COM x 2, ETH x 1, USB host / device, RTC, DC24V

HMIET6400

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Easy Harmony ET6
Product or Component Type	Touch panel screen
Processor name	ARM Cortex-A8

Complementary

Display size	7 inch
Display Type	Colour TFT LCD
Display colour	16 million colours
Display Resolution	800 x 480 pixels WVGA
Touch panel	Single touch analogue resistive
Brightness	16 levels
Character font	ASCII ASCII (European characters) Chinese (simplified Chinese) Japanese (ANK, Kanji) Katakana Korean Taiwanese (traditional Chinese)
[Us] rated supply voltage	24 V DC +/- 20 %
Inrush current	30 A
Local signalling	Status LED green, steady operating Status LED orange, steady software starting up Status LED red, steady power supply (ON) Status LED, off power supply (OFF)
Power Consumption in W	9 W
Number of pages	200 application pages
Port Ethernet	10/100BASE
Memory description	Device memory 256 MB User data memory 256 MB Backup memory 128 kB
Integrated connection type	1 COM1 serial link - 1 SUB-D 9-pin male - RS232C 2400...115200 bps)bottom 1 COM2 serial link - 1 SUB-D 9-pin male - RS422/RS485 2400...115200 bps)bottom COM2 serial link 2400...187500 bps)bottom 1 Ethernetbottom 1 USB 2.0 type Aback 1 USB 2.0 type micro Bback
Supply	External supply
Realtime clock	Built-in 0...50 °C Built-in 10...90 % RH

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

Downloadable protocols	Modbus Uni-TE Third party protocols
Product brand	Schneider Electric
Fixing mode	By 4 screws 1.6...5 mm thick panel
Cut-out dimensions	190 x 135 mm panel cut dimension
Height	5.9 in (151 mm)
Width	8.1 in (206 mm)
Depth	1.8 in (45 mm)
Net Weight	1.34 lb(US) (0.61 kg)

Environment

Immunity to microbreaks	5 ms
Enclosure Material	PC
Front material	Plastic
Standards	IEC 61000-6-4 IEC 61000-6-2 IEC 61131-2 UL 61010-2-201 CSA C22.2 No 61010-1-201
Product Certifications	CE UL EAC (pending) KC-Mark (pending)
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) IP65 IEC 61131-2 front panel)
Shock resistance	147 m/s² 11 ms X, Y, Z directions for 3 times)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	3606481033451
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.346 in (8.500 cm)
Package 1 Width	7.480 in (19.000 cm)
Package 1 Length	11.102 in (28.200 cm)
Package weight(Lbs)	31.005 oz (879.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	13.492 lb(US) (6.120 kg)

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)	922
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	Compliant with Exemptions
SCIP Number	Fb517918-35ee-4cc6-8104-c869784aec43
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

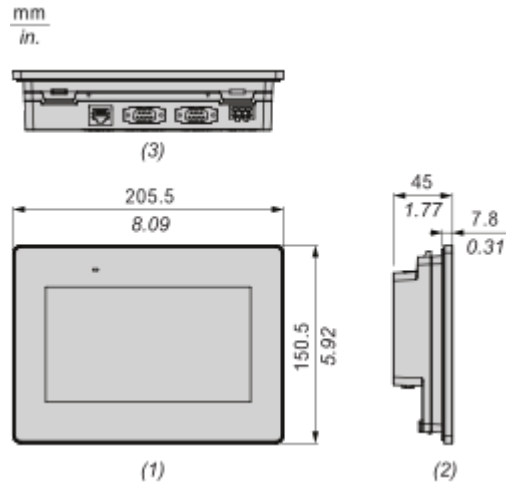
Use Again

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

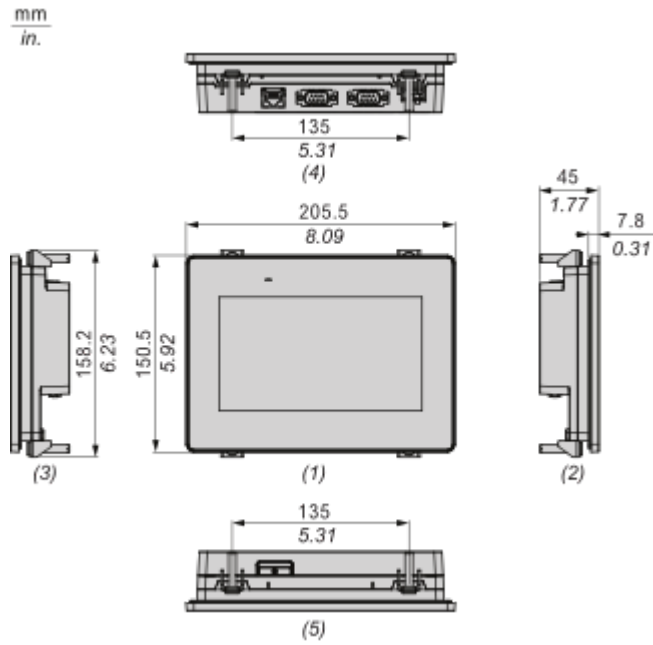
Dimensions

External Dimensions



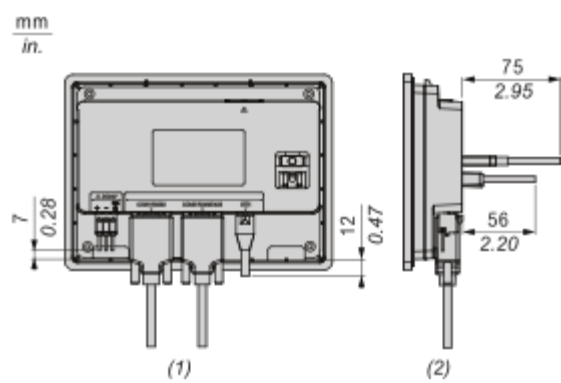
- (1): Front
(2): Left
(3): Bottom

Dimensions with Installation Fasteners



- (1): Front
(2): Left
(3): Right
(4): Bottom
(5): Top

Dimensions with Cables

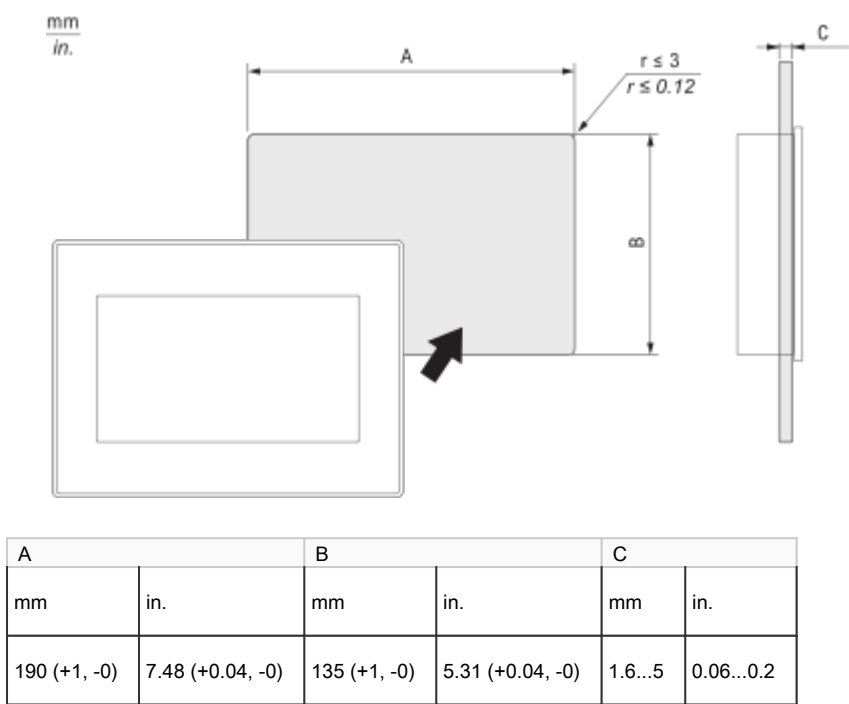


(1): Back
(2): Left

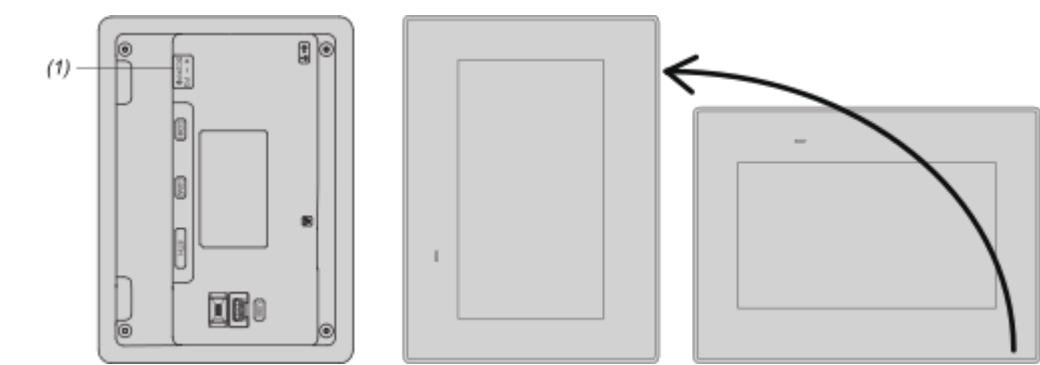
Mounting and Clearance

Mounting

Panel Cut Dimension



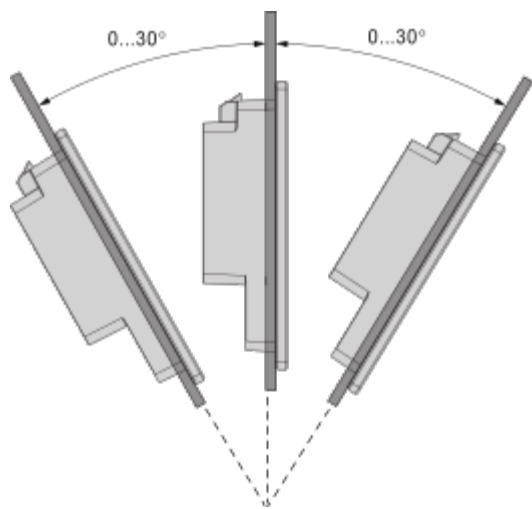
Mounting Orientation



(1): Power connector

Note: For portrait orientation mounting, make sure the screen editing software supports the function.

Mounting Angle



Clearance

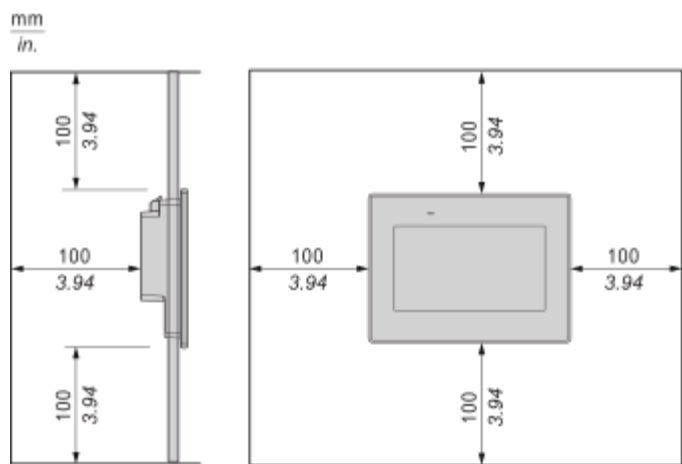


Image of product / Alternate images

Alternative

