Product datasheet

Specifications

Green Premium™

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

HMIET6600

Main

Range Of Product	Easy Harmony ET6
Product Or Component Type	Touch panel screen
Software Designation	Vijeo Designer Basic
Operating System	VxWorks
Processor Name	ARM Cortex-A8

Complementary

Display Size	12 inch
Display Type	Colour TFT LCD
Display Colour	16 million colours
Display Resolution	1280 x 800 pixels WXGA
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 for operating Status LED orange, steady for software starting up Status LED red, steady for power supply (ON) Status LED, off for power supply (OFF)
Power Consumption In W	14 W
Number Of Pages	200 application pages
Processor Frequency	800 MHz
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 (rate: 2400...115200 bps)bottom 1 COM2 serial link - 1 SUB-D 9-pin male - RS422/RS485 (rate: 2400...115200 bps)bottom COM2 serial link (rate: 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
Downloadable Protocols	Modbus Uni-TE Third party protocols
Product Brand	Schneider Electric
Fixing Mode	By 4 screws, mounting on 1.6...5 mm thick panel
Cut-Out Dimensions	295 x 217 mm panel cut dimension
Height	233 mm
Width	311 mm
Depth	50 mm
Net Weight	1.62 kg

Environment

Immunity To Microbreaks	5 ms
Enclosure Material	PC
Front Material	Plastic
Standards	EN 61000-6-4 EN 61000-6-2 EN 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	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 IP65 (front panel) conforming to IEC 61131-2
Shock Resistance	147 m/s² for 11 ms (X, Y, Z directions for 3 times) 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

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Package 1 Width	18.5 cm
Package 1 Length	28.5 cm
Package 1 Weight	2.21 kg
Unit Type Of Package 2	CAR
Number Of Units In Package 2	4
Package 2 Height	34.5 cm
Package 2 Width	41.5 cm
Package 2 Length	54.5 cm
Package 2 Weight	9.78 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile
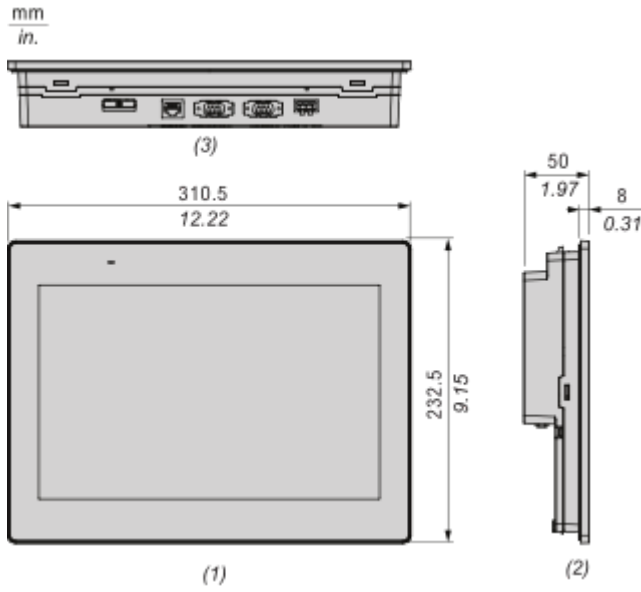
Weee   The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile   End of Life Information
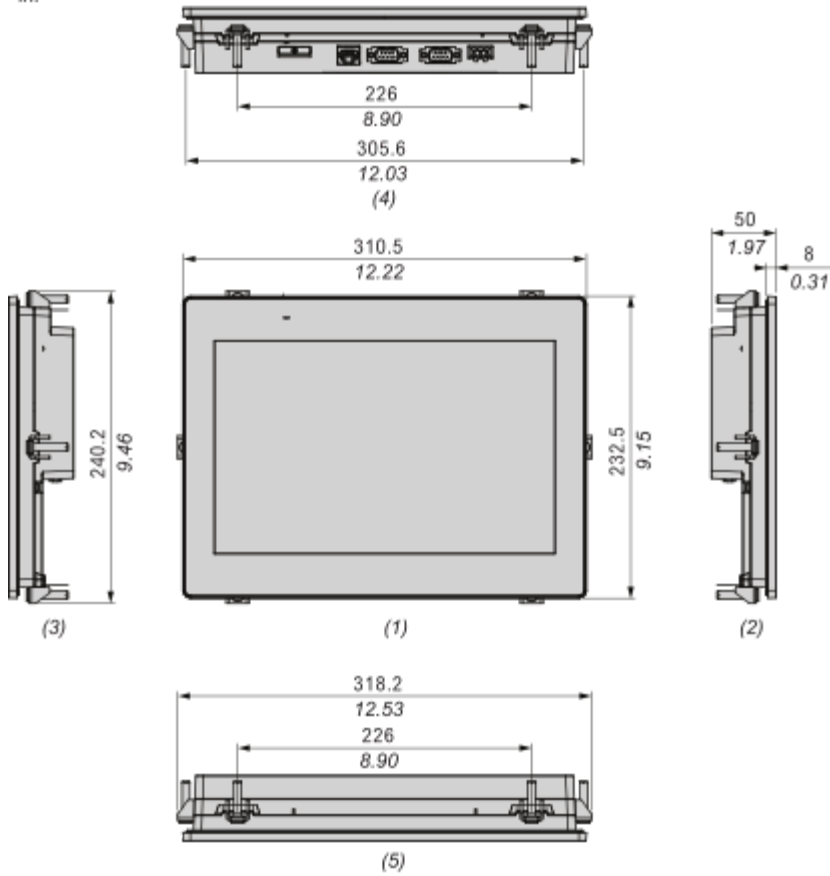
Dimensions Drawings

Dimensions

External Dimensions

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

Dimensions with Installation Fasteners

$\frac{mm}{in.}$

226
8.90
305.6
12.03
(4)

310.5
12.22

50
1.97

8
0.31

240.2
9.46

232.5
9.15

(3)   (1)   (2)

318.2
12.53
226
8.90

(5)

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

Dimensions with Cables

$\frac{mm}{in.}$

72
2.83

53
2.09

(1)   (2)
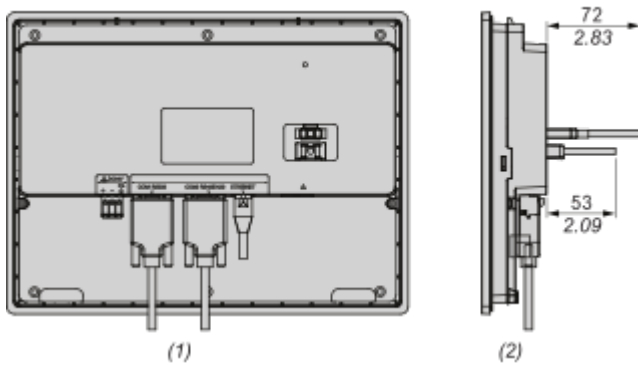
(1): Back
(2): Left

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Mounting and Clearance

Mounting

Panel Cut Dimension
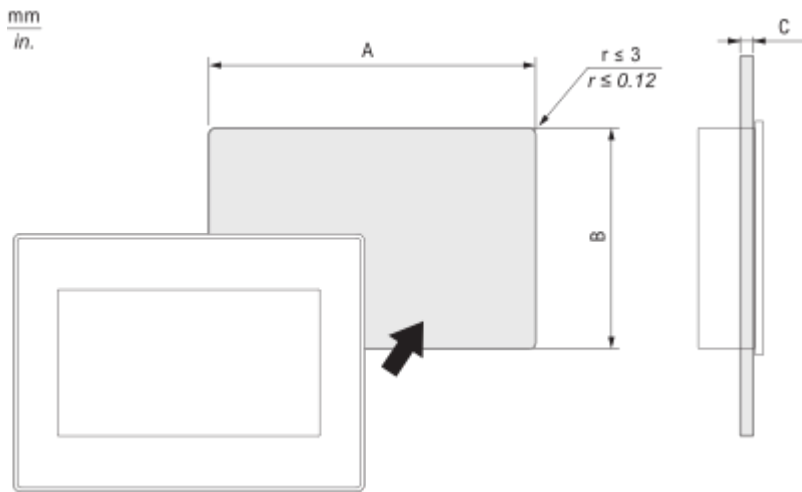
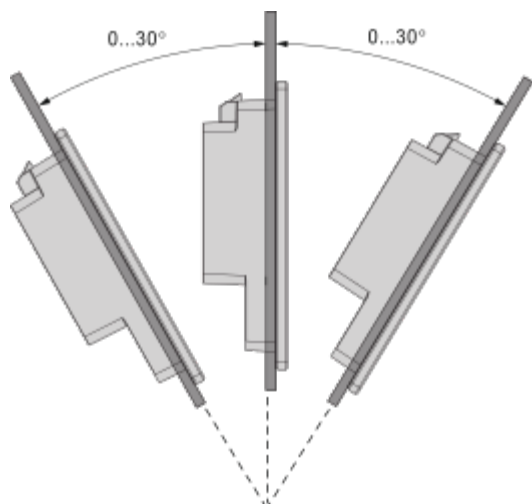| A		B		C	
mm	in.	mm	in.	mm	in.
295 (+1, -0)	11.61 (+0.04, -0)	217 (+1, -0)	8.54 (+0.04, -0)	1.6...5	0.06...0.2

Mounting Orientation
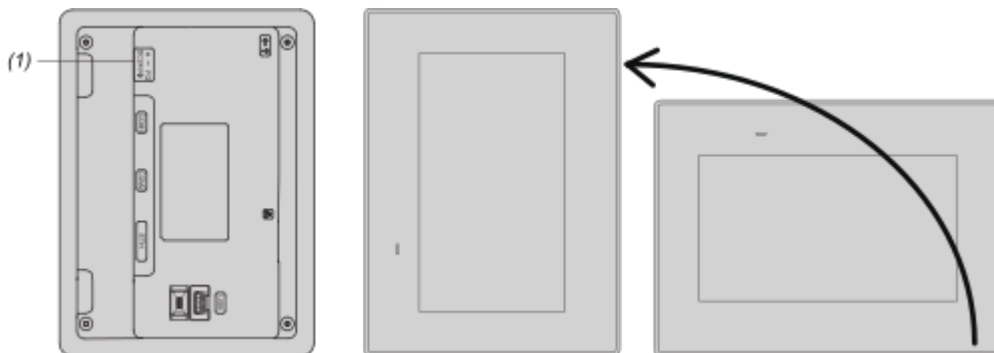
(1): Power connector
Note: For portrait orientation mounting, make sure the screen editing software supports the function.

Mounting Angle

0...30°   0...30°

Clearance

$$\frac{mm}{in.}$$

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