

Product datasheet

Specifications



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

HMIET6700

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 | 15 inch |
| Display type | Colour TFT LCD |
| Display colour | 16 million colours |
| Display resolution | 1366 x 768 pixels FWXGA |
| 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 | 18.5 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 | 394 x 250 mm panel cut dimension |
| Height | 268 mm |
| Width | 412 mm |
| Depth | 50 mm |
| Net weight | 2.52 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 |
| NEMA degree of protection | NEMA 4 front panel (indoor use) |
| Shock resistance | 147 m/s ² 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/s ² (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 | 12.5 cm |
| Package 1 Width | 36.2 cm |

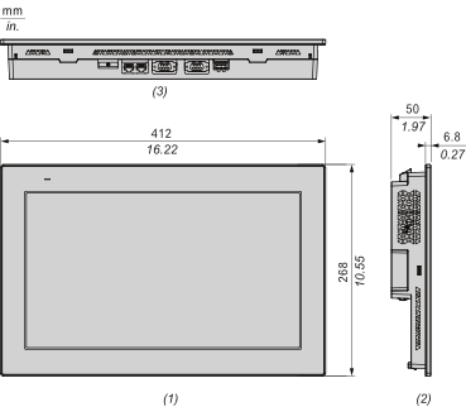
| | |
|------------------------------|----------|
| Package 1 Length | 53.0 cm |
| Package 1 Weight | 3.397 kg |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 2 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 40.0 cm |
| Package 2 Length | 60.0 cm |
| Package 2 Weight | 7.593 kg |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

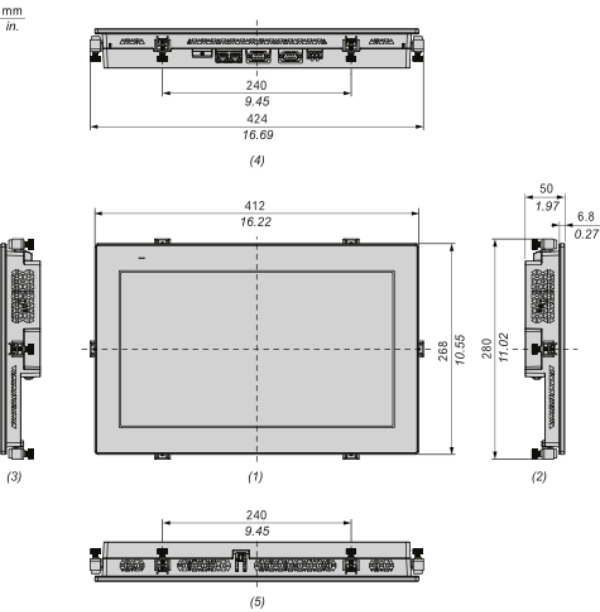
Dimensions

External Dimensions



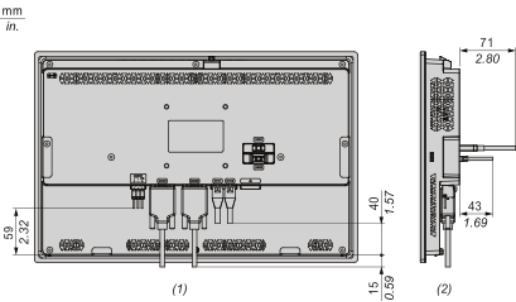
- (1): Front
(2): Left
(3): Bottom

Dimensions with Installation Fasteners



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

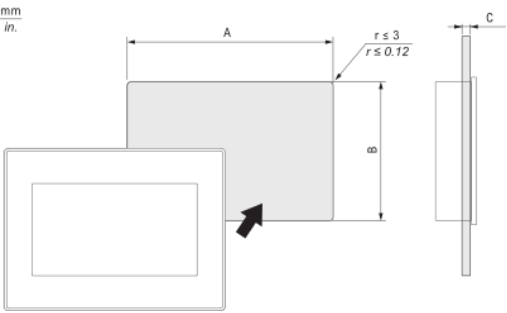
Dimensions with Cables



- (1): Back
(2): Left

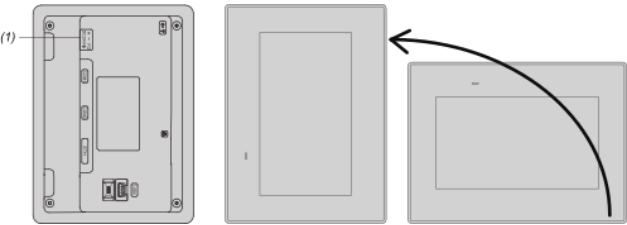
Mounting

Panel Cut Dimension



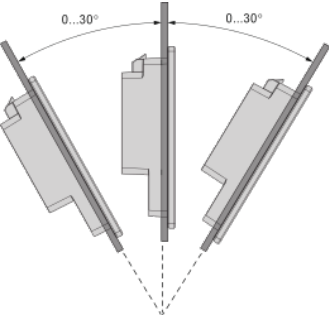
| A | | B | | C | |
|--------------|-------------------|--------------|------------------|---------|------------|
| mm | in. | mm | in. | mm | in. |
| 394 (+1, -0) | 15.51 (+0.04, -0) | 250 (+1, -0) | 9.84 (+0.04, -0) | 1.6...5 | 0.06...0.2 |

Mounting Orientation

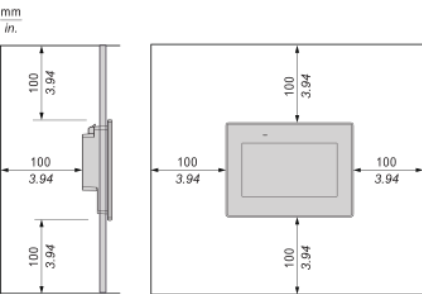


(1): Power connector
Note: For portrait orientation mounting, make sure the screen editing software supports the function.

Mounting Angle



Clearance



Recommended replacement(s)