Product data sheet
Characteristics

HMIET6400
7" wide screen touch panel, Harmony ET6, 16M colors, COM x 2, ETH x 1, USB host / device, RTC, DC24V



Main

Range of product	Harmony ET6
Product or component type	Touch panel screen
Software package	Vijeo Designer Basic
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 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	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 (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	190 x 135 mm panel cut dimension
Height	151 Mm
Width	206 Mm
Depth	45 Mm
Net weight	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[RETURN]UL[RETURN]EAC (pending)[RETURN]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 IEC 61131-2
Vibration resistance	+/- 3.5 mm (f = 5…9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 6113 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 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 6100 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	8.500 Cm
Package 1 Width	19.000 Cm
Package 1 Length	28.200 Cm
Package 1 Weight	879.000 G
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	11.720 Kg

Offer Sustainability

Recyclability potential, in %	66
Total lifecycle Carbon footprint	922 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	200.39
Carbon footprint of the manufacturing phase [A1 to A3]	200 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.11351
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.011237

Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	721.63
Carbon footprint of the use phase [B2, B3, B4, B6]	722 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.24305
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	922
F-gas free	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
SCIP Number	Fb517918-35ee-4cc6-8104-c869784aec43
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, w
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No
End of life manual availability	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 a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised