Product data sheet
Characteristics

HMIET5500
touch panel screen, Easy Harmony ET5, 10 in, 16M colors, 1 COM, 1 ETH, USB host or device, RTC, 24V DC



Main

Range of product	Harmony ET5
Product or component type	Touch panel screen
Software designation	Vijeo Designer Basic
Operating system	VxWorks
Processor name	ARM Cortex-A8

Complementary

Display size	10 inch
Display type	Colour TFT LCD
Display colour	16 million colours
Display resolution	1024 x 600 pixels WSVGA
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) Thai
[Us] rated supply voltage	24 V DC +/- 20 %
Inrush current	30 A
Power consumption in W	9.1 W
Number of pages	200 application pages
Processor frequency	800 MHz
Port Ethernet	10/100BASE
Memory description	Device memory 256 MB User data memory Backup memory 128 kB
Integrated connection type	1 COM1 serial link - 1 SUB-D 9-pin male - RS422/RS485 (rate: 2400...115200 bps)bottom 1 COM1 serial link (rate: 2400...187500 bps)bottom 1 Ethernetbottom 1 USB 2.0 type Abottom 1 USB 2.0 type micro Bbottom
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 6 screws, mounting on 1.6...5 mm thick panel
Cut-out dimensions	255 x 185 mm panel cut dimension
Height	200.5 Mm
Width	270.5 Mm
Depth	34 Mm
Net weight	0.83 Kg
Device mounting	Panel mounting

Environment

Immunity to microbreaks	1 Ms
Enclosure material	PC
Front material	Plastic
Standards	IEC 61131-2 IEC 61000-6-2 IEC 61000-6-4
Product certifications	CE
Directives	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) IP65 (front panel)
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	8.100 Cm
Package 1 Width	27.500 Cm
Package 1 Length	37.000 Cm
Package 1 Weight	1.300 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	7
Package 2 Height	30 Cm
Package 2 Width	40 Cm
Package 2 Length	60 Cm
Package 2 Weight	9.940 Kg

Offer Sustainability

Recyclability potential, in %	19
Total lifecycle Carbon footprint	428 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	63.26920180496286
Carbon footprint of the manufacturing phase [A1 to A3]	63 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2.000277633862245
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.7662531605347576
Carbon footprint of the installation phase [A5]	0.8 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	359.6735941048715
Carbon footprint of the use phase [B2, B3, B4, B6]	360 kg CO2 eq.

Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	2.330717352649652
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	428
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
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
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

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised