Product data sheet
Characteristics

HMIDT551
advanced touchscreen panel, Harmony GTU, 10inch wide display



Main

Range of product	Harmony GTU
Terminal type	Touchscreen display
Product or component type	Advanced touchscreen panel
[Us] rated supply voltage	12...24 V DC power supply
Supply voltage limits	10.8…28.8 V
Power consumption in W	6.5 W
Inrush current	30 A

Complementary

Touchscreen resolution	1024 x 1024
Pixel resolution	1280 x 800
Display size	10.1 inch
Aspect ratio	4:3
Display type	Colour TFT LCD
Display resolution	1280 x 800 pixels WVGA
Display colour	262144 colors
Backlight lifespan	50000 hours
Touch panel	Single touch analogue resistive
Type of cooling	Natural convection
Type of installation	Indoor installation
Cut-out dimensions	255 (+ 1/- 0) x 185 (+ 1/- 0) mm
Width	268.5 Mm
Height	198.5 Mm
Depth	67 Mm
Net weight	2.5 Kg

Environment

IP degree of protection	Front panel: IP66 Front panel: IP67
NEMA degree of protection	NEMA 4X front panel
Standards	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142 IEC 61132-2
Product certifications	RCM[RETURN]CULus[RETURN]KC[RETURN]CE[RETURN]UKCA[RETURN]UKEX
Ambient air temperature for operation	0…60 °C conforming to IEC 61131-2
Ambient air temperature for storage	-20…60 °C

Relative humidity	10…90 % non-condensing
Operating altitude	2000 m
Vibration resistance	3.5 mm constant amplitude (f = 5…9 Hz) conforming to IEC 61131-2 9.8 m/s² (f = 9…150 Hz) conforming to IEC 61131-2
Shock resistance	147 m/s² conforming to IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20.000 Cm
Package 1 Width	34.000 Cm
Package 1 Length	38.000 Cm
Package 1 Weight	3.553 Kg
Unit Type of Package 2	BB1
Number of Units in Package 2	2
Package 2 Height	42.500 Cm
Package 2 Width	35.500 Cm
Package 2 Length	45.000 Cm
Package 2 Weight	8.144 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	20
Package 3 Height	100.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	96.440 Kg

Offer Sustainability

Recyclability potential, in %	56
Total lifecycle Carbon footprint	415 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	145.275
Carbon footprint of the manufacturing phase [A1 to A3]	145 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.8647500000000001
Carbon footprint of the distribution phase [A4]	0.9 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.8895
Carbon footprint of the installation phase [A5]	0.9 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	265.4373913043478
Carbon footprint of the use phase [B2, B3, B4, B6]	265 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	2.7215000000000003
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	415
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	Bec78d47-e62d-44d7-8e6f-c4f5bb86ee60
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, which
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No
End of life manual availability	End Of Life Information

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