Product data sheet
Characteristics

HMIDT642
flat screen, Harmony GTU, 12.1inch wide display



Main

Range of product	Harmony GTU
Terminal type	Touchscreen display
Product or component type	Flat screen
[Us] rated supply voltage	12...24 V DC power supply
Supply voltage limits	10.8…28.8 V
Power consumption in W	21 W
Inrush current	30 A

Complementary

Integrated connection type	USB 2.0 type A USB 2.0 type mini B
Touchscreen resolution	1024 x 1024
Pixel resolution	1024 x 600
Display size	12.1 inch
Aspect ratio	4:3
Display type	Colour TFT LCD
Display resolution	1024 x 768 pixels XGA
Display colour	16 million colours
Backlight lifespan	50000 hours
Touch panel	Multi touch analogue resistive
Function available	Brightness sensor
Type of cooling	Natural convection
Type of installation	Indoor installation
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm
Width	315 Mm
Height	241 Mm
Depth	67 Mm
Net weight	3 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	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	43.500 Cm
Package 1 Weight	4.293 Kg
Unit Type of Package 2	BB1
Number of Units in Package 2	2
Package 2 Height	42.500 Cm
Package 2 Width	36.000 Cm
Package 2 Length	45.000 Cm
Package 2 Weight	9.510 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	20
Package 3 Height	105.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	108.100 Kg

Offer Sustainability

Recyclability potential, in %	55
Total lifecycle Carbon footprint	1 037 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	171.01333333333332
Carbon footprint of the manufacturing phase [A1 to A3]	171 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.44582666666666665
Carbon footprint of the distribution phase [A4]	0.4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.6845999999999999
Carbon footprint of the installation phase [A5]	0.7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	861.8972727272727
Carbon footprint of the use phase [B2, B3, B4, B6]	862 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	3.2693999999999996
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1037

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	F7bde1f0-e6bc-4b91-91d2-88584de513eb
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
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