# Product data sheet
## Characteristics

# HMIDT542
flat screen, Harmony GTU, 10.4inch 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 | 15 W |
| Inrush current | 30 A |

## Complementary

| | |
|---|---|
| Integrated connection type | USB 2.0 type A<br>USB 2.0 type mini B |
| Touchscreen resolution | 1024 x 1024 |
| Pixel resolution | 800 x 600 |
| Display size | 10.4 inch |
| Aspect ratio | 4:3 |
| Display type | Colour TFT LCD |
| Display resolution | 800 x 600 pixels SVGA |
| 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 | 259 (+ 1/- 0) x 201 (+ 1/- 0) mm |
| Width | 272.5 Mm |
| Height | 214.5 Mm |
| Depth | 67 Mm |
| Net weight | 2.7 Kg |

## Environment

| | |
|---|---|
| IP degree of protection | Front panel: IP66<br>Front panel: IP67 |
| NEMA degree of protection | NEMA 4X front panel |
| Standards | UL 508<br>ANSI/ISA 12-12-01<br>Class I division 2 CSA C22.2 No 213<br>CSA C22.2 No 142<br>IEC 61132-2 |
| Product certifications | CULus[RETURN]CE[RETURN]KC[RETURN]RCM[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<br>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 | 19.500 Cm |
| Package 1 Width | 34.000 Cm |
| Package 1 Length | 37.500 Cm |
| Package 1 Weight | 3.729 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 | 46.000 Cm |
| Package 2 Weight | 8.667 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 | 92.670 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 55 |
| Total lifecycle Carbon footprint | 774 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 153.91199999999998 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 154 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.401244 |
| Carbon footprint of the distribution phase [A4] | 0.4 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.6161399999999999 |
| Carbon footprint of the installation phase [A5] | 0.6 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 615.6409090909091 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 616 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 2.9424599999999996 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 3 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 774 |

| | |
|---|---|
| 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

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|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised