

# Product data sheet

Specifications



## flat screen, Harmony GTU, 10.4inch wide display

HMIDT542

### Main

Range of product	Harmony GTU
Product or component type	Flat screen
Terminal type	Touchscreen display
[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 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
Product weight	2.7 kg

### Environment

IP degree of protection	Front panel: IP66 Front panel: IP67
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<b>NEMA degree of protection</b>	NEMA 4X front panel
<b>Standards</b>	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142 IEC 61132-2
<b>Product certifications</b>	CULus CE KC RCM UKCA UKEX
<b>Ambient air temperature for operation</b>	0...60 °C conforming to IEC 61131-2
<b>Ambient air temperature for storage</b>	-20...60 °C
<b>Relative humidity</b>	10...90 % non-condensing
<b>Operating altitude</b>	2000 m
<b>Vibration resistance</b>	3.5 mm constant amplitude (f = 5...9 Hz) conforming to IEC 61131-2 9.8 m/s <sup>2</sup> (f = 9...150 Hz) conforming to IEC 61131-2
<b>Shock resistance</b>	147 m/s <sup>2</sup> conforming to IEC 61131-2
<b>Electromagnetic compatibility</b>	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	19.500 cm
<b>Package 1 Width</b>	34.000 cm
<b>Package 1 Length</b>	37.500 cm
<b>Package 1 Weight</b>	3.729 kg
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	2
<b>Package 2 Height</b>	42.500 cm
<b>Package 2 Width</b>	35.500 cm
<b>Package 2 Length</b>	46.000 cm
<b>Package 2 Weight</b>	8.667 kg
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	20
<b>Package 3 Height</b>	100.000 cm
<b>Package 3 Width</b>	80.000 cm
<b>Package 3 Length</b>	120.000 cm
<b>Package 3 Weight</b>	92.670 kg

## Contractual warranty

<b>Warranty</b>	18 months
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Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

## Environmental footprint

Total lifecycle Carbon footprint	774
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better

### Materials and Substances

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
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	F7bde1f0-e6bc-4b91-91d2-88584de513eb
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="#">www.P65Warnings.ca.gov</a>
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

## Use Again

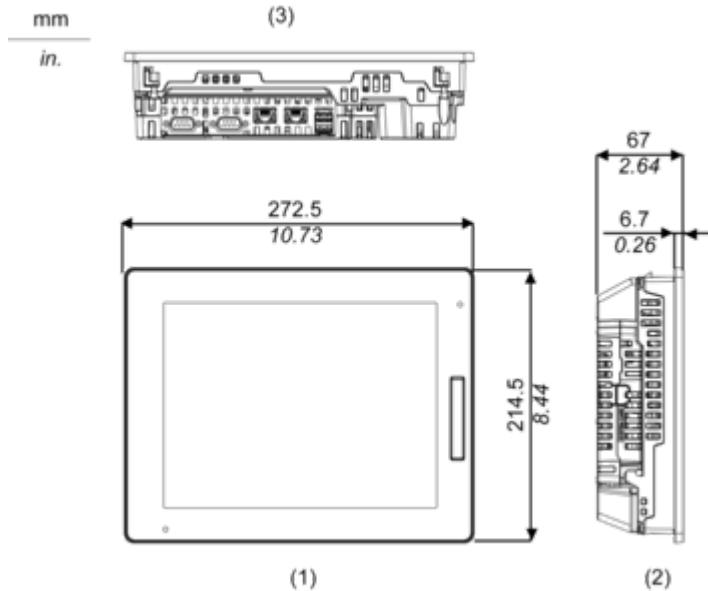
### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Dimensions Drawings

External Dimensions

## Display Unit with Box Module

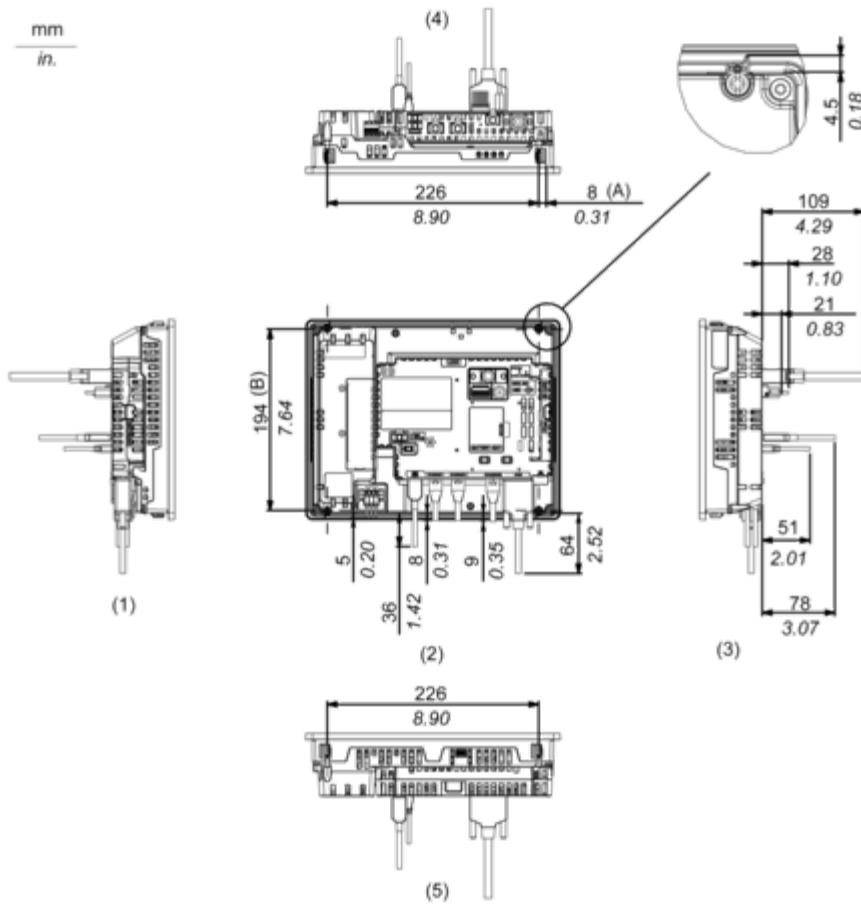


1 Front

2 Left

3 Bottom

## Installation with Installation Fasteners and Dimensions with Cables



**(A) Rotation area of the fastener**

**(B) Pitch of the center of installation fastner screws**

1 Right

## 2 Front

3 Left

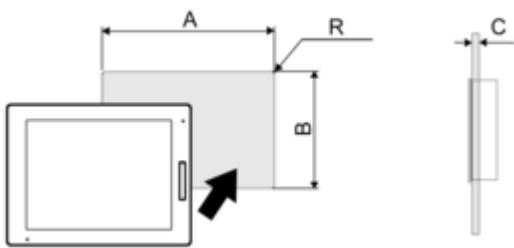
## 4 Bottom

5 Top

## Mounting and Clearance

Mounting

## Panel Cut Dimensions



Dimensions in mm

A	B	C	R
259 (+1/-0)	201 (+1/-0)	1.6...5	3 max.

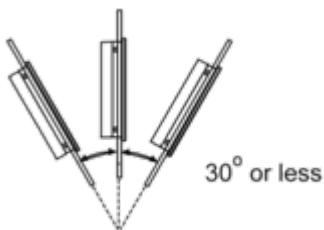
Dimensions in in.

A	B	C	R
10.2 (+0.04/-0)	7.91 (+0.04/-0)	0.06...0.2	0.12 max.

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**Installation Requirements**

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**Mounting Angle**

When installing this product in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan, A/C) to ensure the ambient operating temperature is 40 °C or less (104 °F or less).

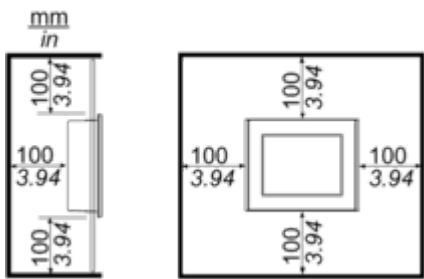
Clearance

Image of product / Alternate images

Alternative

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