

# Product data sheet

Specifications



flat screen, Harmony GTU, 10.4inch wide display

HMIDT542

**Product availability: Stock - Normally stocked in distribution facility**

## 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	10.7 in (272.5 mm)
Height	8.4 in (214.5 mm)
Depth	2.6 in (67 mm)
Net Weight	6.0 lb(US) (2.7 kg)

## Environment

IP degree of protection	Front panel IP66 Front panel IP67
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<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>	32...140 °F (0...60 °C) IEC 61131-2
<b>Ambient air temperature for storage</b>	-4...140 °F (-20...60 °C)
<b>Relative Humidity</b>	10...90 % non-condensing
<b>Operating altitude</b>	6561.68 ft (2000 m)
<b>Vibration resistance</b>	3.5 mm constant amplitude 5...9 Hz) IEC 61131-2 9.8 m/s² 9...150 Hz) IEC 61131-2
<b>Shock resistance</b>	147 m/s² IEC 61131-2
<b>Electromagnetic compatibility</b>	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2

## Ordering and shipping details

<b>Category</b>	US10MC222567
<b>Discount Schedule</b>	0MC2
<b>GTIN</b>	3606480687259
<b>Returnability</b>	Yes
<b>Country of origin</b>	CN

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	7.677 in (19.500 cm)
<b>Package 1 Width</b>	13.386 in (34.000 cm)
<b>Package 1 Length</b>	14.764 in (37.500 cm)
<b>Package weight(Lbs)</b>	8.221 lb(US) (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>	16.732 in (42.500 cm)
<b>Package 2 Width</b>	13.976 in (35.500 cm)
<b>Package 2 Length</b>	18.110 in (46.000 cm)
<b>Package 2 Weight</b>	19.107 lb(US) (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>	39.370 in (100.000 cm)
<b>Package 3 Width</b>	31.496 in (80.000 cm)
<b>Package 3 Length</b>	47.244 in (120.000 cm)

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Package 3 Weight

204.303 lb(US) (92.670 kg)

## Contractual warranty

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Warranty

18 months



## Environmental Data

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

Carbon footprint (kg CO2 eq, Total Life cycle) 774

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

F-gas usage performance 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

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

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

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING:** 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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Halogen content performance Product contains halogen above thresholds

PVC free No

Silicon free No

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

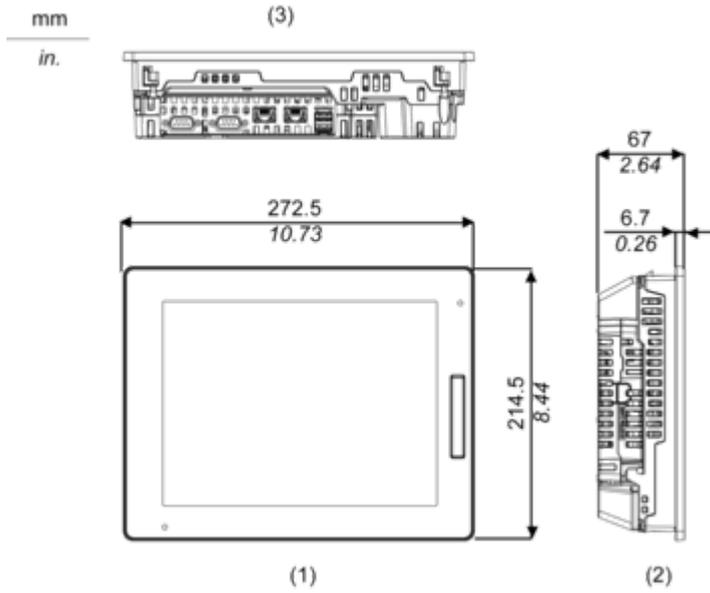
WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

External Dimensions

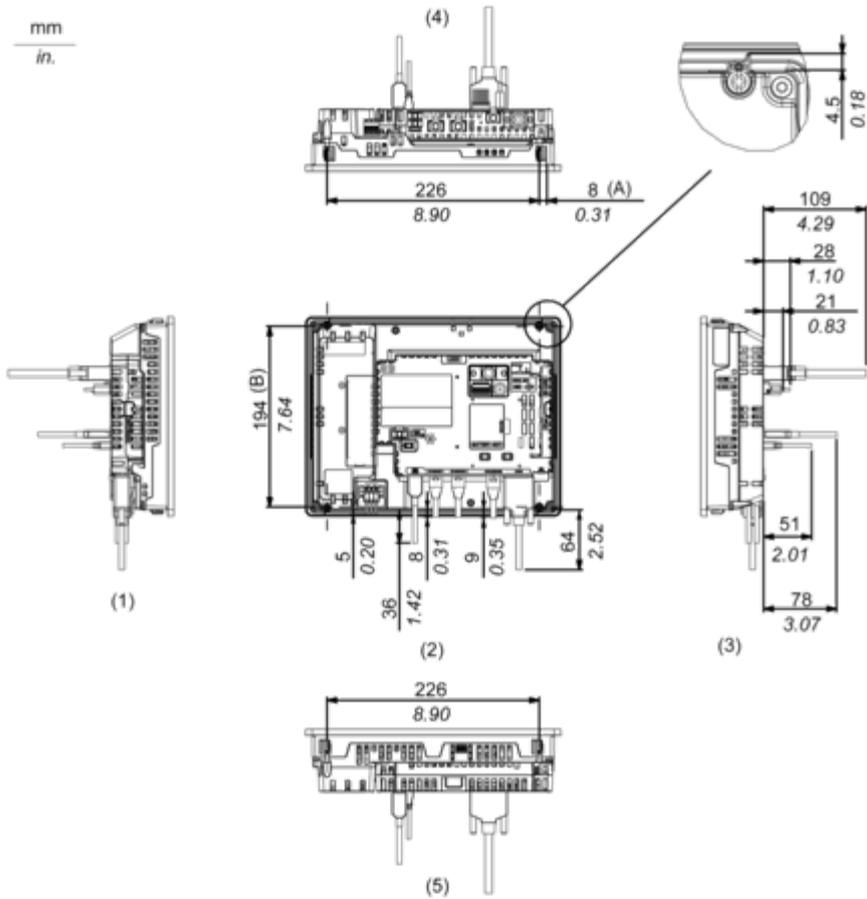
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Display Unit with Box Module



- 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

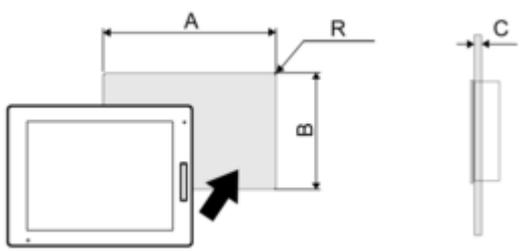
- 1 Right
- 2 Front
- 3 Left
- 4 Bottom
- 5 Top

Mounting and Clearance

**Mounting**

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**Panel Cut Dimensions**



Dimensions in mm

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

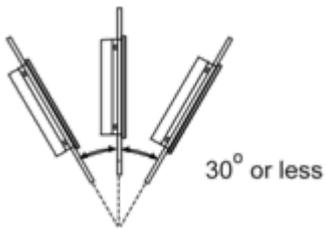
Dimensions in in.

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

## 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

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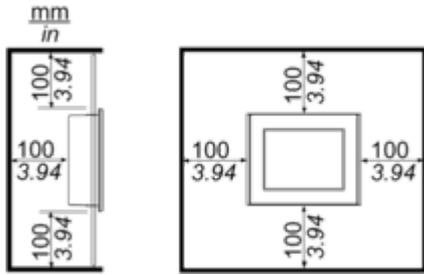


Image of product / Alternate images

Alternative

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