

Product data sheet

Specifications



advanced touchscreen panel,
Harmony GTU, 12 inch wide
display, 1280 x 800 pixels WVGA

HMIDT651

Product availability: Stock - Normally stocked in distribution facility

Price*: 2,580.00 USD

Main

Range of Product	Harmony GTU
Product or Component Type	Advanced touchscreen panel
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	11.5 W
Inrush current	30 A

Complementary

Touchscreen resolution	1024 x 1024
Pixel resolution	1280 x 800
Display size	12.1 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	295 (+ 1/- 0) x 217 (+ 1/- 0) mm
Width	12.1 in (308.5 mm)
Height	9.07 in (230.5 mm)
Depth	2.6 in (67 mm)
Net Weight	6.6 lb(US) (3 kg)

Environment

IP degree of protection	Front panel IP66 Front panel IP67
NEMA degree of protection	NEMA 4X front panel

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Ordering and shipping details

Category	US10MC222567
Discount Schedule	0MC2
GTIN	3606480687266
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.3 in (18.6 cm)
Package 1 Width	13.0 in (33.0 cm)
Package 1 Length	16.9 in (43.0 cm)
Package 1 Weight	10.1 lb(US) (4.6 kg)
Unit Type of Package 2	CAR
Number of Units in Package 2	2
Package 2 Height	16.5 in (42.0 cm)
Package 2 Width	13.6 in (34.5 cm)
Package 2 Length	18.1 in (46.0 cm)
Package 2 Weight	20.485 lb(US) (9.292 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	20
Package 3 Height	43.3 in (110.0 cm)
Package 3 Width	31.5 in (80.0 cm)
Package 3 Length	47.2 in (120.0 cm)
Package 3 Weight	228.44 lb(US) (103.62 kg)

Contractual warranty

Warranty

18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

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

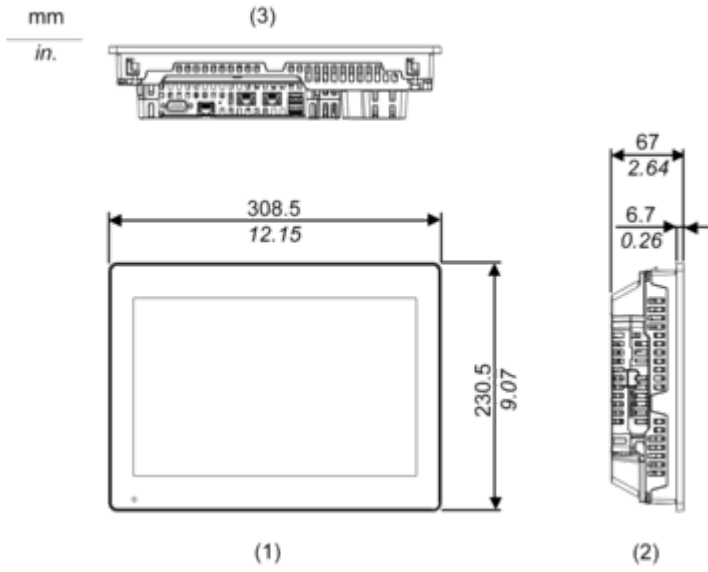
Circularity Profile [End of Life Information](#)

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

Dimensions Drawings

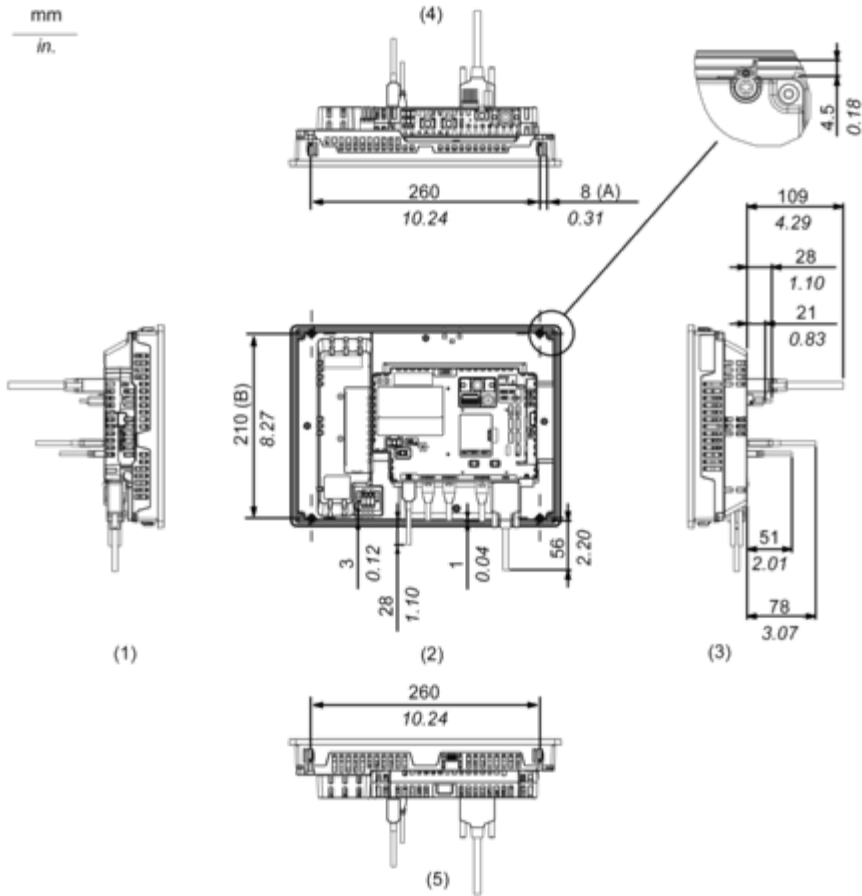
External Dimensions

Display Unit with Box Module



- 1 Front
- 2 Left
- 3 Bottom

Installation with Installation Fasteners and Dimensions with Cables

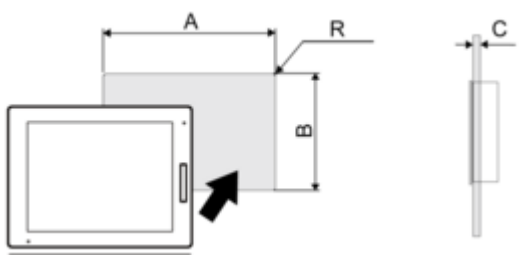


- (A) Rotation area of the fastener
- (B) Pitch of the center of installation fastner screws
- 1 Right
- 2 Front
- 3 Left
- 4 Bottom
- 5 Top

Mounting and Clearance

Mounting

Panel Cut Dimensions



Dimensions in mm

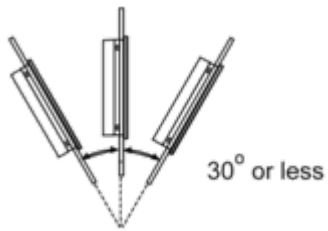
A	B	C	R
295 (+1/-0)	217 (+1/-0)	1.6...5	3 max.

Dimensions in in.

A	B	C	R
11.61 (+0.04/-0)	8.54 (+0.04/-0)	0.06...0.2	0.12 max.

Installation Requirements

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

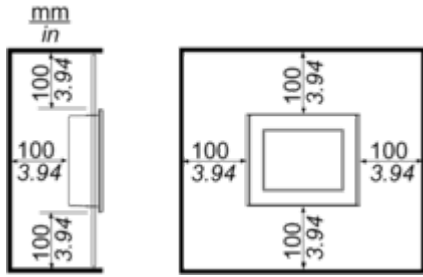


Image of product / Alternate images

Alternative

