Product data sheet

Specification





advanced touchscreen panel, Harmony GTU, 12inch wide display, 1280 x 800pixels 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	1224 V DC power supply
Supply Voltage Limits	10.828.8 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	2.64 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	32140 °F (060 °C) IEC 61131-2
Ambient Air Temperature For Storage	-4140 °F (-2060 °C)
Relative Humidity	1090 % non-condensing
Operating Altitude	6561.68 ft (2000 m)
Vibration Resistance	3.5 mm constant amplitude 59 Hz) IEC 61131-2 9.8 m/s² 9150 Hz) IEC 61131-2
Shock Resistance	147 m/s²IEC 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

PCE
1
7.3 in (18.6 cm)
13.0 in (33.0 cm)
16.9 in (43.0 cm)
10.1 lb(US) (4.6 kg)
CAR
2
16.5 in (42.0 cm)
13.58 in (34.5 cm)
18.11 in (46.0 cm)
20.485 lb(US) (9.292 kg)
P12
20
43.31 in (110.0 cm)
31.5 in (80.0 cm)
47.2 in (120.0 cm)
228.44 lb(US) (103.62 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass 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

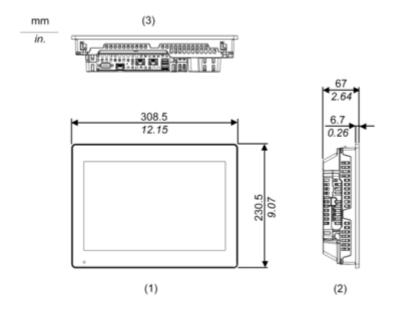
Certifications & Standards

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	

Dimensions Drawings

External Dimensions

Display Unit with Box Module

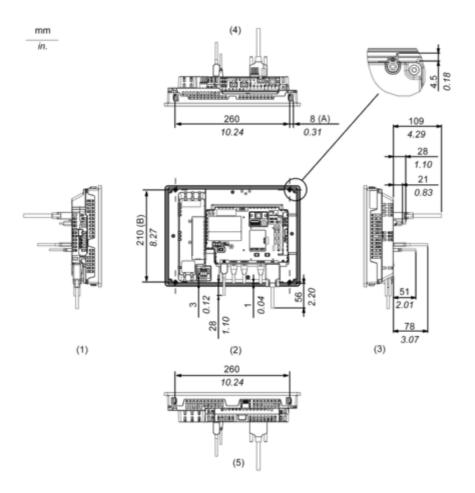


- 1 Front
- 2 Left
- 3 Bottom

Installation with Installation Fasteners and Dimensions with Cables

Product data sheet

HMIDT651



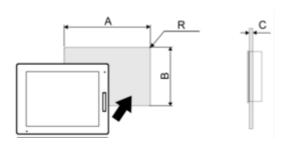
- (A) Rotation area of the fastener(B) Pitch of the center of installation fastner screws
- 1 Right
- 2 Front
- 3 Left
- 4 Bottom
- **5** Top

HMIDT651

Mounting and Clearance

Mounting

Panel Cut Dimensions



Dimensions	in	mm
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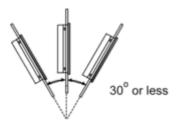
Α	В	С	R
295 (+1/-0)	217 (+1/-0)	1.65	3 max.

Dimensions in in

Difficultions in in.			
Α	В	С	R
11.61 (+0.04/-0)	8.54 (+0.04/-0)	0.060.2	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

