# Product data sheet

Specifications

## 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** | 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** | 12.15 in (308.5 mm) |
| **Height** | 9.07 in (230.5 mm) |
| **Depth** | 2.64 in (67 mm) |
| **Net Weight** | 6.61 lb(US) (3 kg) |

## Environment

| | |
|---|---|
| **Ip Degree Of Protection** | Front panel IP66<br>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/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 | CN |

# Packing Units

| Unit Type Of Package 1 | PCE |
| --- | --- |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 7.32 in (18.6 cm) |
| Package 1 Width | 12.99 in (33.0 cm) |
| Package 1 Length | 16.93 in (43.0 cm) |
| Package 1 Weight | 10.14 lb(US) (4.6 kg) |
| Unit Type Of Package 2 | CAR |
| Number Of Units In Package 2 | 2 |
| Package 2 Height | 16.54 in (42.0 cm) |
| Package 2 Width | 13.58 in (34.5 cm) |
| Package 2 Length | 18.11 in (46.0 cm) |
| Package 2 Weight | 20.49 lb(US) (9.292 kg) |
| Unit Type Of Package 3 | P12 |
| Number Of Units In Package 3 | 20 |
| Package 3 Height | 43.31 in (110.0 cm) |
| Package 3 Width | 31.50 in (80.0 cm) |
| Package 3 Length | 47.24 in (120.0 cm) |
| Package 3 Weight | 228.44 lb(US) (103.62 kg) |

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# Contractual warranty

**Warranty**                    18 months

# Sustainability

**Green Premium<sup>TM</sup> 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-$CO_2$ 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 >

## Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information      Yes

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Pro-active compliance (Product out of EU RoHS legal scope) |
| **China Rohs Regulation** | China RoHS declaration |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| **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 |

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## External Dimensions

**Display Unit with Box Module**
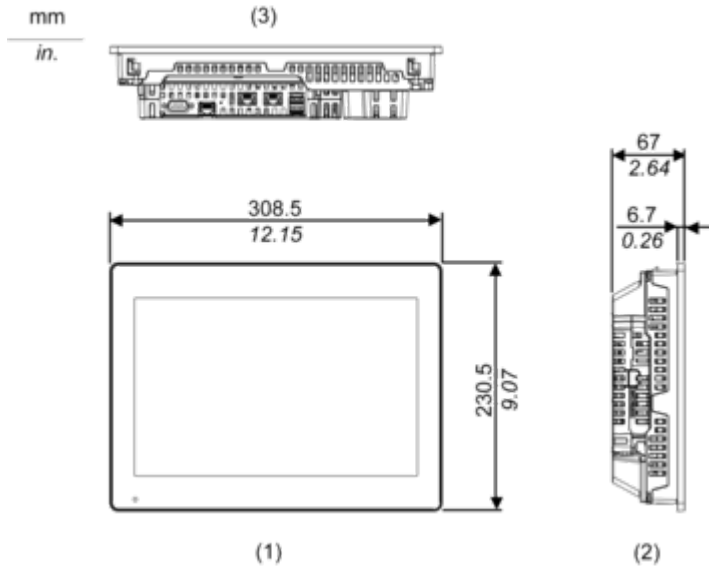


**1** Front
**2** Left
**3** Bottom

**Installation with Installation Fasteners and Dimensions with Cables**
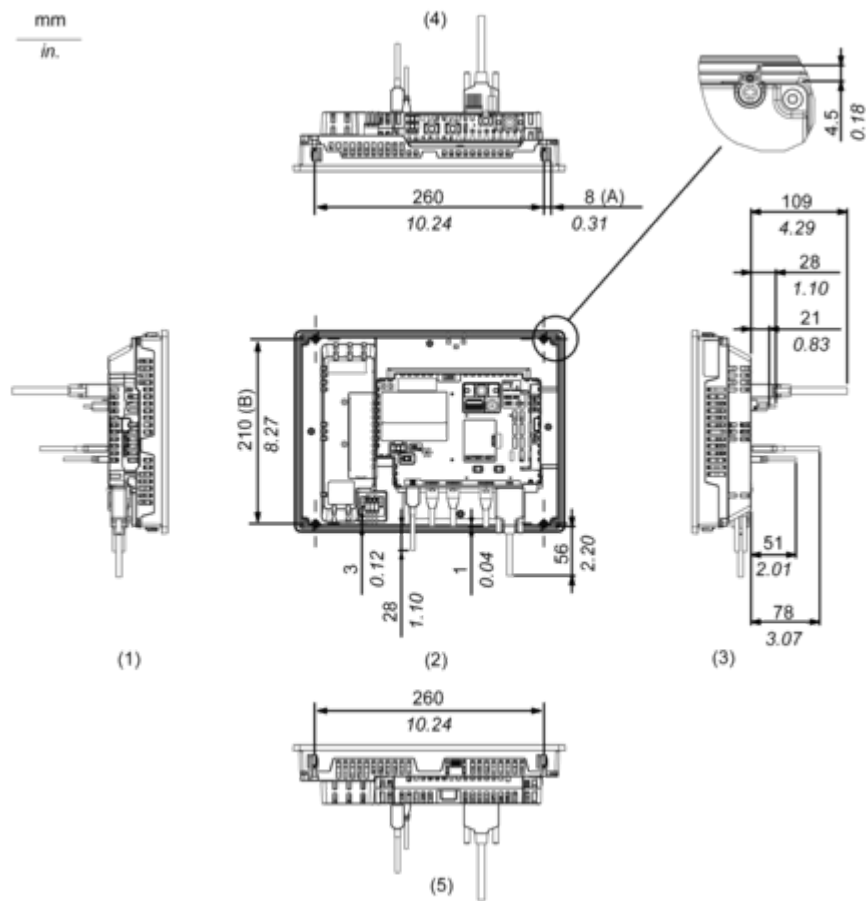


**(A)** Rotation area of the fastener

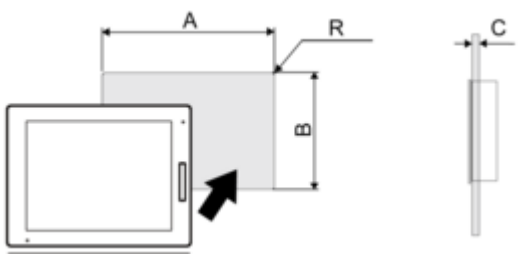**(B)** Pitch of the center of installation fastner screws
**1** Right
**2** Front
**3** Left
**4** Bottom
**5** Top

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

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**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**
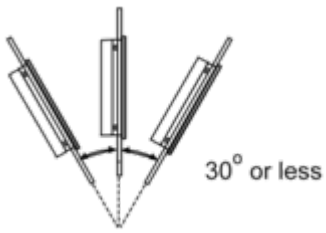


30° or less

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).

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## Clearance