

Product data sheet

Specifications



advanced touchscreen panel,
Harmony GTU, 7inch wide display,
800 x 480pixels WVGA

HMIDT351

Product availability: Stock - Normally stocked in distribution facility

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 | 6.5 W |
| Inrush current | 30 A |

Complementary

| | |
|------------------------|----------------------------------|
| Touchscreen resolution | 1024 x 1024 |
| Pixel resolution | 800 x 480 |
| Display size | 7 inch |
| Aspect ratio | 4:3 |
| Display type | Colour TFT LCD |
| Display Resolution | 800 x 480 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 | 190 (+ 1/- 0) x 135 (+ 1/- 0) mm |
| Width | 8.02 in (203.6 mm) |
| Height | 5.9 in (148.6 mm) |
| Depth | 2.6 in (67 mm) |
| Net Weight | 2.6 lb(US) (1.2 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 RCM CE KC 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 | 3606480687280 |
| Returnability | Yes |
| Country of origin | ID |

Packing Units

| | |
|-------------------------------------|---------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 5.512 in (14.000 cm) |
| Package 1 Width | 8.465 in (21.500 cm) |
| Package 1 Length | 10.433 in (26.500 cm) |
| Package weight(Lbs) | 3.411 lb(US) (1.547 kg) |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 4 |
| Package 2 Height | 11.811 in (30.000 cm) |
| Package 2 Width | 15.748 in (40.000 cm) |
| Package 2 Length | 23.622 in (60.000 cm) |
| Package 2 Weight | 16.178 lb(US) (7.338 kg) |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 16 |
| Package 3 Height | 29.528 in (75.000 cm) |
| Package 3 Width | 23.622 in (60.000 cm) |
| Package 3 Length | 31.496 in (80.000 cm) |
| Package 3 Weight | 86.756 lb(US) (39.352 kg) |

Contractual warranty

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) 337

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 Bec78d47-e62d-44d7-8e6f-c4f5bb86ee60

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

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](#)

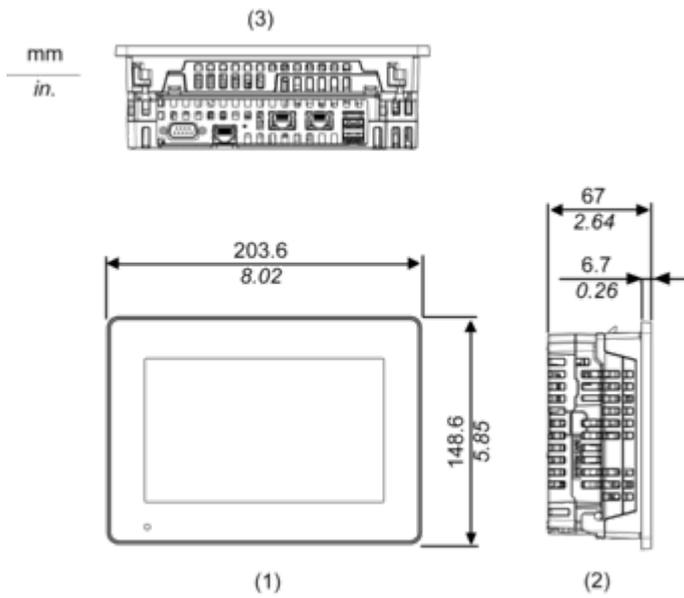
Take-back No

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

Dimensions Drawings

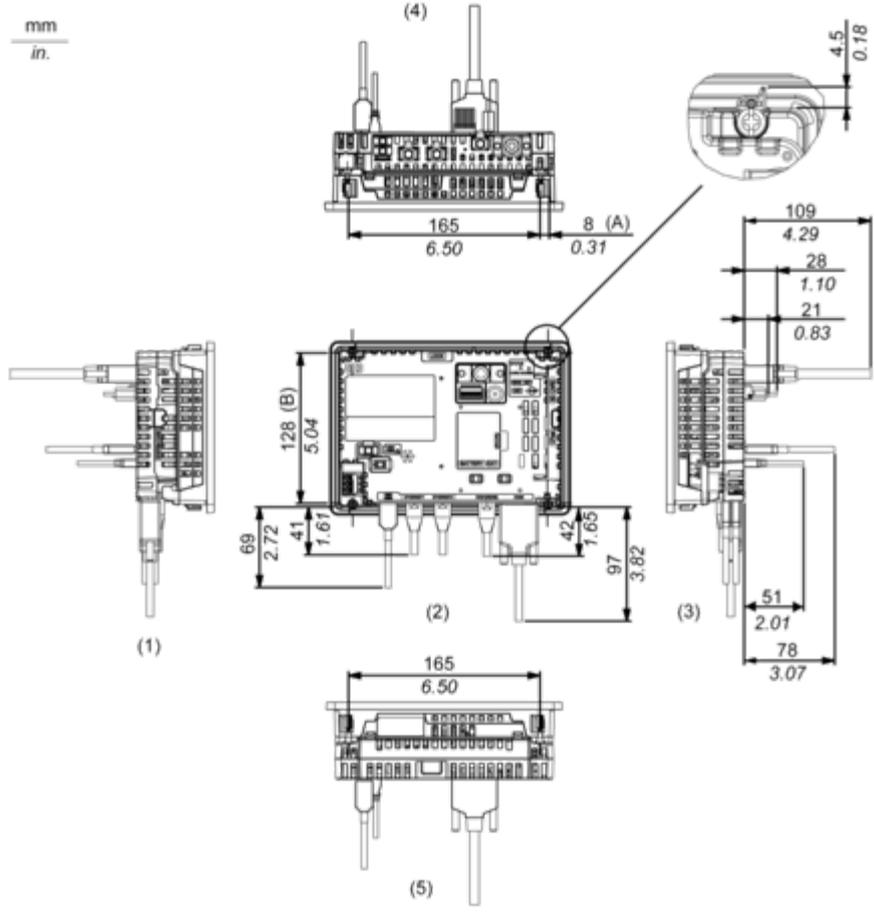
External Dimensions

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

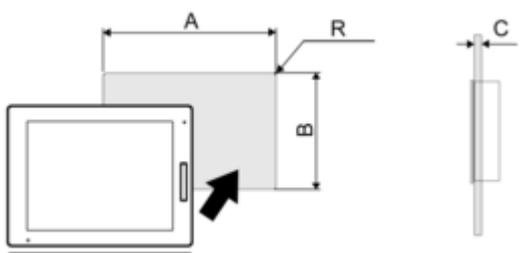
(B) Pitch of the center of installation fastner screws

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

Mounting and Clearance

Mounting

Panel Cut Dimensions



Dimensions in mm

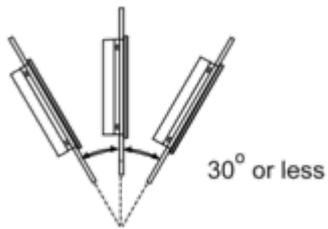
| A | B | C | R |
|-------------|-------------|---------|--------|
| 190 (+1/-0) | 135 (+1/-0) | 1.6...5 | 3 max. |

Dimensions in in.

| A | B | C | R |
|-----------------|-----------------|------------|-----------|
| 7.48 (+0.04/-0) | 5.31 (+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

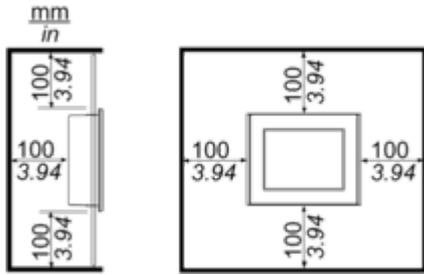


Image of product / Alternate images

Alternative

