

# Product data sheet

Specifications



## EXtreme touchscreen panel, Harmony GTUX, Series Display 7\"W, Outdoor use, Rugged, Coated

HMIDT35X

### Main

|                           |                           |
|---------------------------|---------------------------|
| Range of product          | Harmony GTUX              |
| Product or component type | EXtreme touchscreen panel |
| Terminal type             | Touchscreen display       |
| [Us] rated supply voltage | 12 V DC power supply      |
| Supply voltage limits     | 10.8...28.8 V             |
| Power consumption in W    | 12.5 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                    |
| Luminance              | 1000 cd/m²                       |
| Touch panel            | Single touch analogue resistive  |
| Type of cooling        | Natural convection               |
| Cut-out dimensions     | 394 (+ 1/- 0) x 250 (+ 1/- 0) mm |
| Width                  | 203.6 mm                         |
| Height                 | 148.6 mm                         |
| Depth                  | 37 mm                            |
| Product weight         | 1.3 kg                           |

### Environment

|                         |                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------|
| IP degree of protection | IP66f<br>IP67f<br>Front panel: Type 4X                                                              |
| Standards               | UL 61010<br>UL 121201<br>Class I division 2 CSA C22.2 No 213<br>CSA C22.2 No 61010-1<br>IEC 61132-2 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                       |                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Product certifications                | KC<br>CE<br>RCM<br>EAC<br>ATEX zone 2/22<br>IEC-Ex<br>UL<br>CSA<br>UKCA<br>UKEX                                          |
| Ambient air temperature for operation | -30...65 °C                                                                                                              |
| Ambient air temperature for storage   | -30...70 °C                                                                                                              |
| Pollution degree                      | 2                                                                                                                        |
| Environmental characteristic          | Corrosive gas free<br>UV resistant                                                                                       |
| Relative humidity                     | 10...90 % non-condensing                                                                                                 |
| Operating altitude                    | 2000 m                                                                                                                   |
| Vibration resistance                  | 7 mm constant amplitude (f = 5...9 Hz) conforming to IEC 61131-2<br>19.6 m/s² (f = 9...150 Hz) conforming to IEC 61131-2 |
| Shock resistance                      | 392 m/s² conforming to IEC 61131-2                                                                                       |
| Electromagnetic compatibility         | Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2                                                |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 13.700 cm |
| Package 1 Width              | 21.500 cm |
| Package 1 Length             | 26.000 cm |
| Package 1 Weight             | 1.612 kg  |
| Unit Type of Package 2       | S04       |
| Number of Units in Package 2 | 4         |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 40.000 cm |
| Package 2 Length             | 60.000 cm |
| Package 2 Weight             | 7.548 kg  |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 16        |
| Package 3 Height             | 75.000 cm |
| Package 3 Width              | 60.000 cm |
| Package 3 Length             | 80.000 cm |
| Package 3 Weight             | 43.000 kg |

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          |                                               |
|----------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint | 588                                           |
| Environmental Disclosure         | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F-gas free                             | 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                                                                                                                                                                                                                                                                                          |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                  |
| SCIP Number                            | Bec78d47-e62d-44d7-8e6f-c4f5bb86ee60                                                                                                                                                                                                                                                        |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen-free status                    | Product contains halogen above thresholds                                                                                                                                                                                                                                                   |
| PVC free                               | No                                                                                                                                                                                                                                                                                          |
| Silicone-free                          | No                                                                                                                                                                                                                                                                                          |

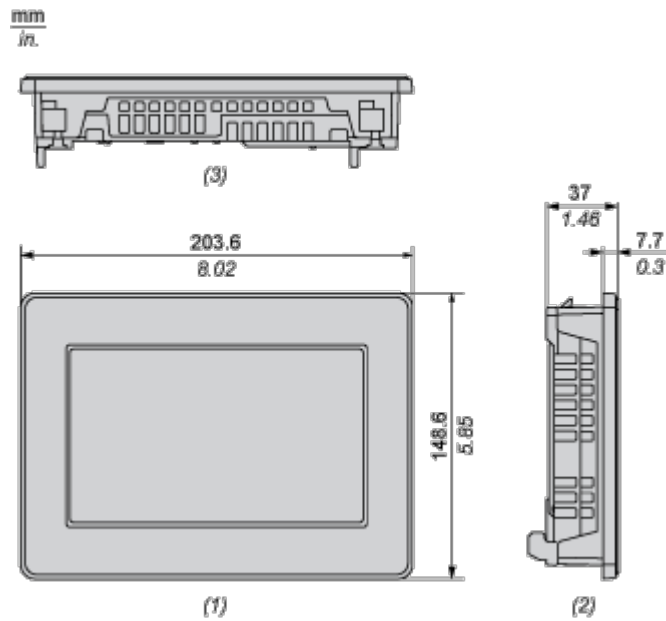
Use Again

| Repack and remanufacture        |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| 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

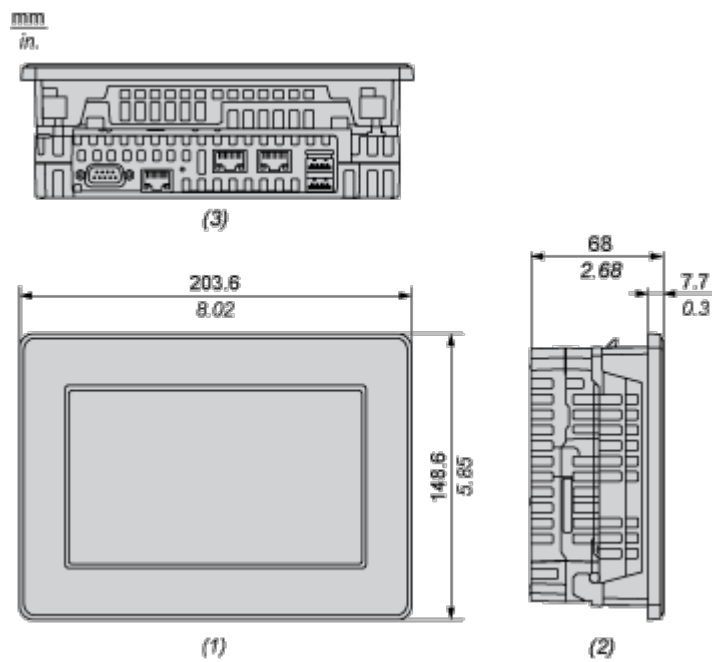
External Dimensions

Display Unit



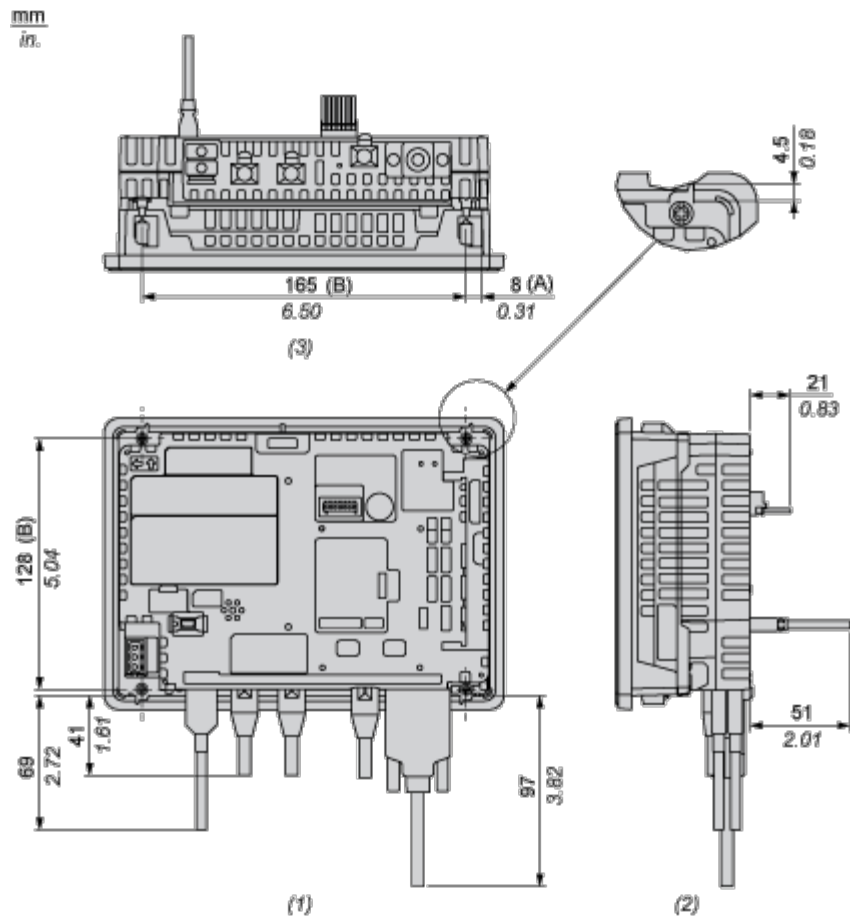
- 1 : Front
- 2 : Left
- 3 : Bottom

Display Unit with Box Module



- 1 : Front
- 2 : Left
- 3 : Bottom

Dimensions with Cables

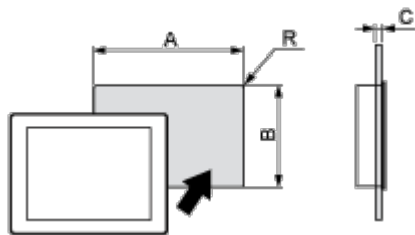


- (A) : Rotation area of the fastener
- (B) : Pitch of the enter of installation fastener screws
- 1 : Rear
- 2 : Right
- 3 : Bottom

Mounting and Clearance

Mounting and Clearance

Panel Cut Dimensions



Dimensions in mm

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

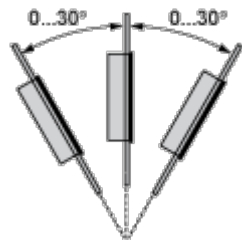
Dimensions in in.

| A               | B               | C          | R         |
|-----------------|-----------------|------------|-----------|
| 7.48 (+0.04/-0) | 5.31 (+0.04/-0) | 0.06...0.2 | 0.12 max. |

Installation Requirements

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Mounting Angle



When installing this product in a slanted position, the product face should not incline more that 30°.

Clearance

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