



### Main

|                           |                            |
|---------------------------|----------------------------|
| Range of product          | Magelis GTU                |
| Product or component type | Advanced touchscreen panel |
| Terminal type             | Touchscreen display        |

### Complementary

|                           |                                  |
|---------------------------|----------------------------------|
| Pixel resolution          | 1280 x 800                       |
| Touchscreen resolution    | 1280 x 800                       |
| [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                           |
| Display size              | 12.1 inch                        |
| 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 installation      | Indoor installation              |
| Type of cooling           | Natural convection               |
| Inrush current            | 30 A                             |
| Cut-out dimensions        | 295 (+ 1/- 0) x 217 (+ 1/- 0) mm |
| Width                     | 308.5 mm                         |
| Height                    | 230.5 mm                         |
| Depth                     | 67 mm                            |
| Product weight            | 3 kg                             |

### Environment

|                         |                                          |
|-------------------------|------------------------------------------|
| IP degree of protection | IP66 (front panel)<br>IP67 (front panel) |
|-------------------------|------------------------------------------|

|                                       |                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| NEMA degree of protection             | NEMA 4X (front panel)                                                                                                                       |
| Standards                             | CSA C22.2 No 142<br>ANSI/ISA 12-12-01<br>IEC 61132-2<br>CSA C22.2 No 213 : class I division 2<br>UL 508                                     |
| Product certifications                | CE<br>cULus<br>RCM<br>KC                                                                                                                    |
| Ambient air temperature for operation | 0...60 °C conforming to EN 61131-2                                                                                                          |
| Ambient air temperature for storage   | -20...60 °C                                                                                                                                 |
| Pollution degree                      | 2                                                                                                                                           |
| Relative humidity                     | 10...90 % (non-condensing)                                                                                                                  |
| Operating altitude                    | 2000 m                                                                                                                                      |
| Vibration resistance                  | 3.5 mm constant amplitude (f = 5...9 Hz) conforming to EN/IEC 61131-2<br>9.8 m/s <sup>2</sup> (f = 9...150 Hz) conforming to EN/IEC 61131-2 |
| Shock resistance                      | 147 m/s <sup>2</sup> conforming to EN/IEC 61131-2                                                                                           |
| Electromagnetic compatibility         | Electrostatic discharge immunity test, level 3 conforming to EN/IEC 61000-4-2                                                               |

## Offer Sustainability

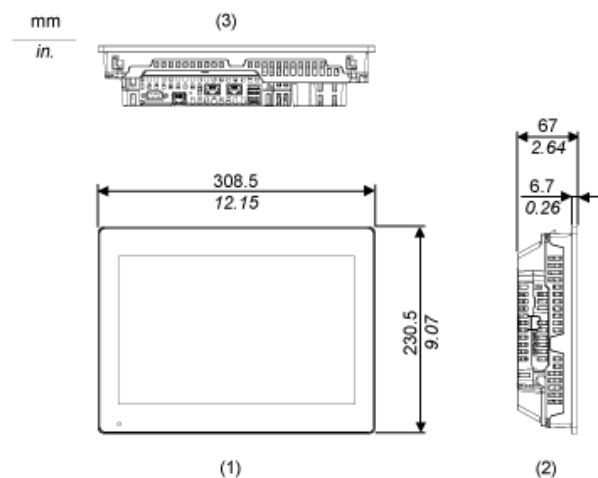
|                                  |                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                                                                                                   |
| RoHS (date code: YYWW)           | Compliant - since 1347 - Schneider Electric declaration of conformity<br><a href="#"> Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                                                                                                  |
| Product environmental profile    | Available<br><a href="#"> Product Environmental Profile</a>                                                                           |
| Product end of life instructions | Available<br><a href="#"> End of Life Information</a>                                                                                |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

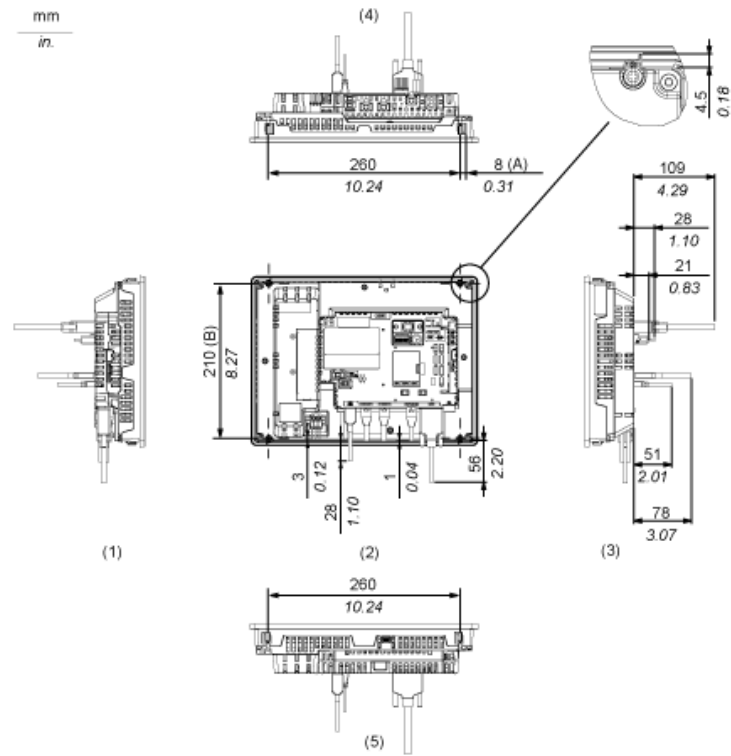
## External Dimensions

### Display Unit with Box Module



- 1 Front
- 2 Left
- 3 Bottom

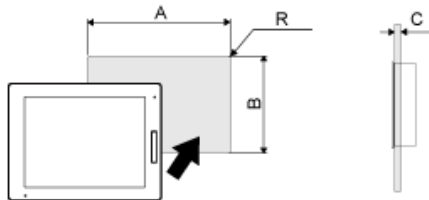
## Installation with Installation Fasteners and Dimensions with Cables



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

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.

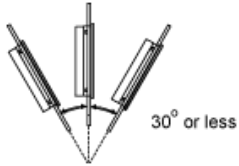
| A                | B               | C          | R         |
|------------------|-----------------|------------|-----------|
| 11.61 (+0.04/-0) | 8.54 (+0.04/-0) | 0.06...0.2 | 0.12 max. |

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## Installation Requirements

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### 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).

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## Clearance

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