



### Main

|                            |                                       |
|----------------------------|---------------------------------------|
| Range of product           | Harmony GTU                           |
| Product or component type  | Flat screen                           |
| Terminal type              | Touchscreen display                   |
| Integrated connection type | USB 2.0 type A<br>USB 2.0 type mini B |

### Complementary

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Pixel resolution          | 1366 x 768                                                        |
| Touchscreen resolution    | 2048 x 2048                                                       |
| Function available        | Brightness sensor                                                 |
| [Us] rated supply voltage | 12...24 V DC power supply                                         |
| Supply voltage limits     | 10.8...28.8 V                                                     |
| Power consumption in W    | 17 W                                                              |
| Display size              | 15.6 inch                                                         |
| Display type              | Colour TFT LCD                                                    |
| Display resolution        | 1366 x 768 pixels FWXGA                                           |
| Display colour            | 16 million colours                                                |
| Backlight lifespan        | 50000 hours                                                       |
| Touch panel               | Multi-touch projected capacitive technology (PCT) 50000000 cycles |
| Type of installation      | Indoor installation                                               |
| Type of cooling           | Natural convection                                                |
| Inrush current            | 30 A                                                              |
| Cut-out dimensions        | 396 (+ 1/- 0) x 277 (+ 1/- 0) mm                                  |
| Width                     | 414 mm                                                            |
| Height                    | 295 mm                                                            |
| Depth                     | 69 mm                                                             |
| Net weight                | 5 kg                                                              |

### Environment

|                                       |                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------|
| IP degree of protection               | Front panel: IP66<br>Front panel: IP67                                                                |
| NEMA degree of protection             | NEMA 4X front panel                                                                                   |
| Standards                             | UL 508<br>ANSI/ISA 12-12-01<br>Class I division 2 CSA C22.2 No 213<br>CSA C22.2 No 142<br>IEC 61132-2 |
| Product certifications                | KC<br>CE<br>RCM<br>CULus                                                                              |
| Ambient air temperature for operation | 0...55 °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                                                                |

### Packing Units

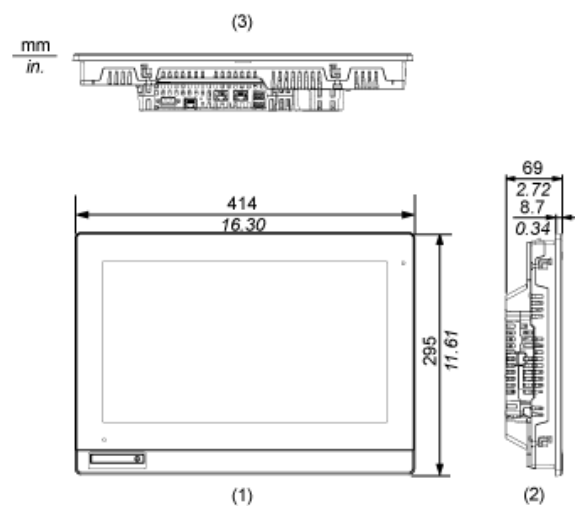
|                  |           |
|------------------|-----------|
| Package 1 Weight | 4.152 kg  |
| Package 1 Height | 42.400 cm |
| Package 1 width  | 17.500 cm |
| Package 1 Length | 52.700 cm |

### Offer Sustainability

|                            |                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                              |
| REACH Regulation           |  <a href="#">REACH Declaration</a>                                                                |
| REACH free of SVHC         | Yes                                                                                                                                                                                |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                                                                                |
| RoHS exemption information |  <a href="#">Yes</a>                                                                              |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>                                                           |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins                                                        |

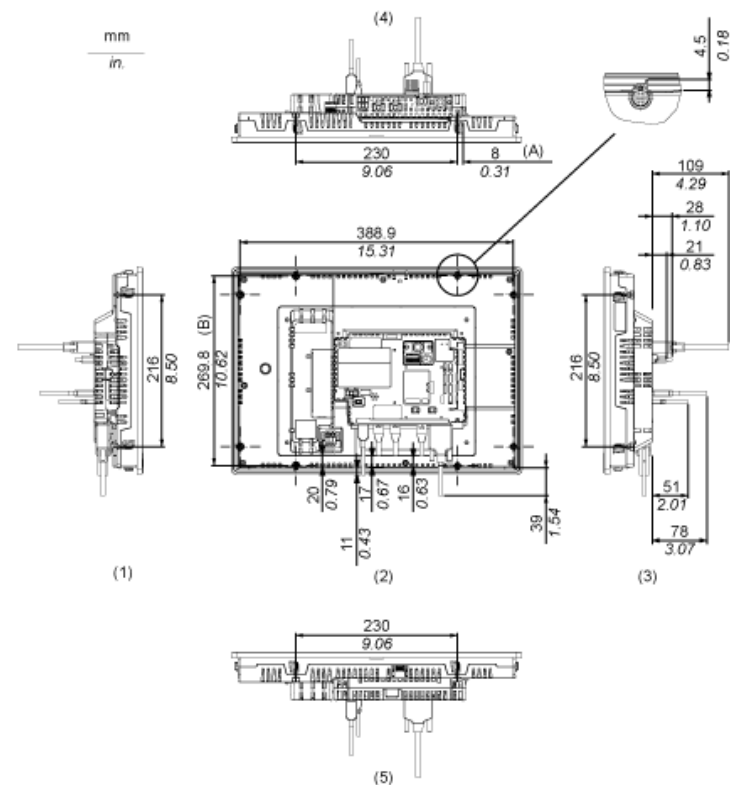
## External Dimensions

### Display Unit with Box Module



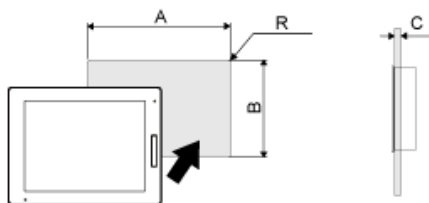
- (1) Front
- (2) Left
- (3) Bottom

### 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

Panel Cut Dimensions



Dimensions in mm

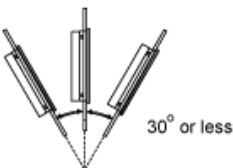
| A           | B           | C       | R      |
|-------------|-------------|---------|--------|
| 396 (+1/-0) | 277 (+1/-0) | 1.6...5 | 3 max. |

Dimensions in in.

| A                | B                | C          | R         |
|------------------|------------------|------------|-----------|
| 15.59 (+0.04/-0) | 10.91 (+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

