



### Main

|                           |                                      |
|---------------------------|--------------------------------------|
| Range of Product          | Harmony STO & STU                    |
| Product or Component Type | Touch panel screen                   |
| Software Designation      | EcoStruxure Operator Terminal Expert |
| Operating System          | Harmony                              |

### Complementary

|                            |                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Display size               | 4.3 inch                                                                                                                                      |
| Display Type               | Colour TFT LCD                                                                                                                                |
| Display colour             | 65536 colours                                                                                                                                 |
| Display Resolution         | 480 x 272 pixels                                                                                                                              |
| Touch panel                | Analogue                                                                                                                                      |
| Backlight lifespan         | 50000 hours white                                                                                                                             |
| Brightness                 | 16 levels via touch panel                                                                                                                     |
| Character font             | ASCII (European characters)<br>Cyrillic<br>Taiwanese (traditional Chinese)<br>Chinese (simplified Chinese)<br>Japanese (ANK, Kanji)<br>Korean |
| [Us] rated supply voltage  | 12...24 V DC - 10...20 %                                                                                                                      |
| Power consumption in W     | 8.1 W                                                                                                                                         |
| Number of pages            | 8999                                                                                                                                          |
| Port Ethernet              | 10BASE-T/100BASE-TX                                                                                                                           |
| Memory description         | Back up of data 512 kB<br>Application memory 26 MB                                                                                            |
| Integrated connection type | 1 USB 2.0 type mini B<br>1 USB 2.0 type A<br>1 Ethernet TCP/IP - RJ45                                                                         |
| Supply                     | External source                                                                                                                               |
| Realtime clock             | With RTC-battery set optional                                                                                                                 |
| Downloadable protocols     | Modbus TCP<br>Modbus<br>Third party protocols                                                                                                 |
| Range Compatibility        | Omron<br>Mitsubishi<br>Siemens<br>Allen-Bradley                                                                                               |
| Fixing mode                | By 2 installation fasteners 1.5 to 6 mm thick panel                                                                                           |
| Enclosure Material         | PPT                                                                                                                                           |
| Front material             | Plastic                                                                                                                                       |
| Cut-out dimensions         | 77.5 x 112.5 mm<br>66 x 105 mm with mounting adaptor                                                                                          |
| Net Weight                 | 0.49 lb(US) (0.22 kg)                                                                                                                         |

## Environment

|                                       |                                                                                                                                                                                                                                           |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | UL 61010-2-201<br>EN 61131-2<br>EN 61000-6-2<br>EN 61000-6-4<br>CSA C22.2 No 213<br>CSA C22.2 No 142<br>UL 61010-1<br>ANSI/ISA 12.12.01                                                                                                   |
| Product Certifications                | CE<br>C-tick<br>ATEX zone 2/22<br>KCC<br>UL<br>cUL                                                                                                                                                                                        |
| Ambient air temperature for operation | 32...122 °F (0...50 °C)                                                                                                                                                                                                                   |
| Ambient Air Temperature for Storage   | -4...140 °F (-20...60 °C)                                                                                                                                                                                                                 |
| Relative humidity                     | 10...90 % without condensation                                                                                                                                                                                                            |
| Operating altitude                    | 6561.68 ft (2000 m)                                                                                                                                                                                                                       |
| IP degree of protection               | IP65f front panel)<br>IP20 rear panel)                                                                                                                                                                                                    |
| NEMA degree of protection             | NEMA 4X/13 front panel indoor use)                                                                                                                                                                                                        |
| Shock resistance                      | 15 gn 11 ms IEC 61131-2                                                                                                                                                                                                                   |
| Vibration resistance                  | 1 gn 5...150 Hz) IEC 61131-2<br>3.5 mm constant amplitude 5...150 Hz) IEC 61131-2                                                                                                                                                         |
| Electromagnetic compatibility         | Resistance to radiated electromagnetic fields 10 V/m 80 MHz...2.7 GHz)<br>Resistance to electrostatic discharge 8 kV air discharge)level 3 EN 61000-4-2<br>Resistance to electrostatic discharge 6 kV direct contact)level 3 EN 61000-4-2 |

## Ordering and shipping details

|                       |                                    |
|-----------------------|------------------------------------|
| Category              | 22569 - MAGELIS XBT-GT (AND XBT-G) |
| Discount Schedule     | MC2                                |
| GTIN                  | 3606480920912                      |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 18.78 oz (532.5 g)                 |
| Returnability         | Yes                                |
| Country of origin     | CN                                 |

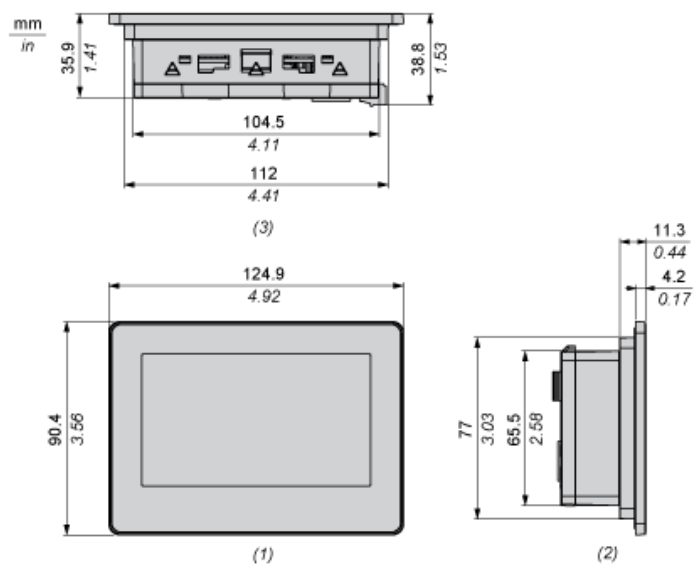
## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Package 1 Height             | 5.20 in (132 mm)      |
| Package 1 width              | 3.07 in (78 mm)       |
| Package 1 Length             | 7.17 in (182 mm)      |
| Unit Type of Package 2       | S03                   |
| Number of Units in Package 2 | 12                    |
| Package 2 Weight             | 241.13 oz (6836 g)    |
| Package 2 Height             | 11.81 in (30 cm)      |
| Package 2 width              | 11.81 in (30 cm)      |
| Package 2 Length             | 15.75 in (40 cm)      |
| Unit Type of Package 3       | P12                   |
| Number of Units in Package 3 | 288                   |
| Package 3 Weight             | 6294.18 oz (178440 g) |
| Package 3 Height             | 31.50 in (800 mm)     |
| Package 3 width              | 47.24 in (1200 mm)    |
| Package 3 Length             | 43.31 in (1100 mm)    |

## Offer Sustainability

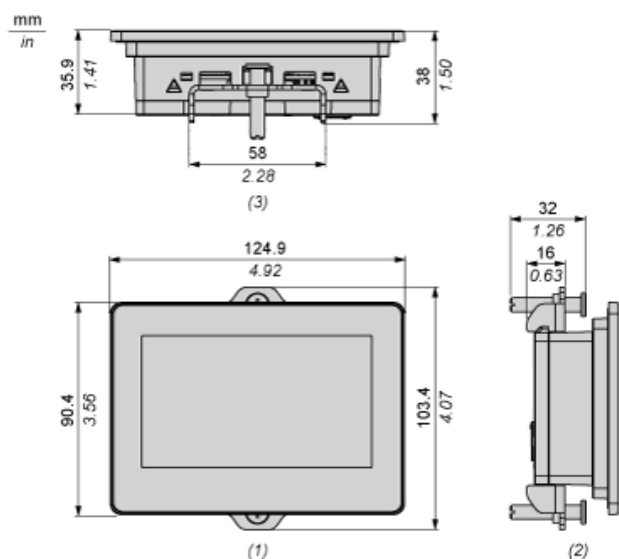
|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| 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> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| 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>                                                                                                                                                                                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                                                |

## External Dimensions



- 1 Front
- 2 Left
- 3 Bottom

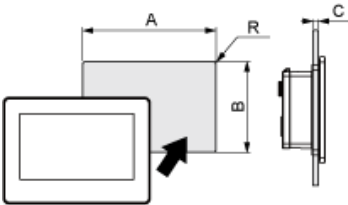
## Dimensions with Installation Fasteners



- 1 Front
- 2 Left
- 3 Bottom

Mounting

Panel Cut-out Dimensions



Dimensions in mm

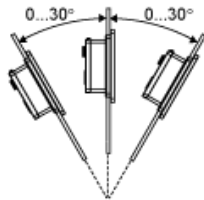
| Description     | A     | B    | C       | R      |
|-----------------|-------|------|---------|--------|
| Without adapter | 112.5 | 77.5 | 1.5...6 | 3 max. |
| With adapter    | 105   | 66   | 1.5...6 | 3 max. |

Dimensions in in.

| Description     | A    | B    | C           | R         |
|-----------------|------|------|-------------|-----------|
| Without adapter | 4.43 | 3.05 | 0.06...0.24 | 0.12 max. |
| With adapter    | 4.13 | 2.6  | 0.06...0.24 | 0.12 max. |

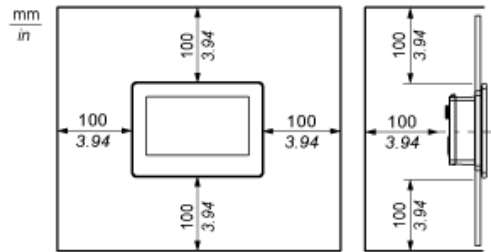
Installation Requirements

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



# Mouser Electronics

Authorized Distributor

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