



### Main

|                           |                    |
|---------------------------|--------------------|
| Range of Product          | Harmony STO & STU  |
| Product or Component Type | Touch panel screen |
| Software Designation      | Vijeo Designer     |
| Operating System          | Harmony            |
| Processor name            | CPU ARM9           |

### Complementary

|                            |                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display size               | 5.7 inch                                                                                                                                                                           |
| Display Type               | QVGA TFT colour touchscreen                                                                                                                                                        |
| Display colour             | 65536 colours                                                                                                                                                                      |
| Display Resolution         | 320 x 240 pixels QVGA                                                                                                                                                              |
| Touch panel                | Analogue                                                                                                                                                                           |
| Backlight lifespan         | 50000 hours                                                                                                                                                                        |
| Brightness                 | 16 levels                                                                                                                                                                          |
| Character font             | Taiwanese (traditional Chinese)<br>Japanese (ANK, Kanji)<br>Chinese (simplified Chinese)<br>ASCII<br>Korean                                                                        |
| [Us] rated supply voltage  | 24 V DC                                                                                                                                                                            |
| Supply                     | External source                                                                                                                                                                    |
| Supply voltage limits      | 20.4...28.8 V                                                                                                                                                                      |
| Inrush current             | 30 A                                                                                                                                                                               |
| Power Consumption in W     | 6.8 W                                                                                                                                                                              |
| Number of pages            | Limited by internal memory capacity                                                                                                                                                |
| Processor frequency        | 333 MHz                                                                                                                                                                            |
| Memory description         | Application memory 16 MB<br>Back up of data 64 kB                                                                                                                                  |
| Integrated connection type | 1 USB 2.0 type mini B<br>1 USB 2.0 type A<br>COM1 serial link - female RJ45 - RS232C/RS485 <= 115.2 kbits/s)<br>Power supply - removable screw terminal block<br>1 Ethernet - RJ45 |
| Realtime clock             | Access to the PLC real-time clock                                                                                                                                                  |
| Downloadable protocols     | Uni-TE<br>Modbus TCP/IP<br>Third party protocols<br>Modbus                                                                                                                         |
| Fixing mode                | Ø 22 mm hole                                                                                                                                                                       |
| Enclosure Material         | PC/PBT and PAA                                                                                                                                                                     |
| Marking                    | With Schneider logo<br>CE                                                                                                                                                          |
| Height                     | 5.08 in (129.15 mm)                                                                                                                                                                |
| Width                      | 6.42 in (163 mm)                                                                                                                                                                   |
| Depth                      | 2.22 in (56.5 mm)                                                                                                                                                                  |

## Environment

|                                       |                                                                      |
|---------------------------------------|----------------------------------------------------------------------|
| Immunity to microbreaks               | 7 ms                                                                 |
| Standards                             | UL 1604<br>FCC Class A<br>IEC 61000-6-2<br>EN 61131-2<br>UL 508      |
| Product Certifications                | UL class 1 Div2 T4A ou T5<br>C-tick<br>CULus<br>Marine<br>UKCA       |
| Ambient Air Temperature for Operation | 32...122 °F (0...50 °C)                                              |
| Ambient Air Temperature for Storage   | -4...140 °F (-20...60 °C)                                            |
| Relative humidity                     | 0...85 % without condensation                                        |
| Operating altitude                    | <= 6561.68 ft (2000 m)                                               |
| IP degree of protection               | IP20 IEC 60529 rear panel)<br>IP65 IEC 60529 front panel)            |
| NEMA degree of protection             | NEMA 4X front panel indoor use)                                      |
| Shock resistance                      | 15 gn 11 ms IEC 60068-2-27                                           |
| Vibration resistance                  | +/- 3.5 mm 5...9 Hz) IEC 60068-2-6<br>1 gn 9...150 Hz) IEC 60068-2-6 |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) IEC 61000-4-3                                      |

## Ordering and shipping details

|                   |                                  |
|-------------------|----------------------------------|
| Category          | 22569-MAGELIS XBT-GT (AND XBT-G) |
| Discount Schedule | MC2                              |
| GTIN              | 3606489909499                    |
| Returnability     | Yes                              |
| Country of origin | CN                               |

## Packing Units

|                              |                            |
|------------------------------|----------------------------|
| Unit Type of Package 1       | PCE                        |
| Number of Units in Package 1 | 1                          |
| Package 1 Height             | 2.76 in (7.000 cm)         |
| Package 1 Width              | 7.09 in (18.000 cm)        |
| Package 1 Length             | 10.63 in (27.000 cm)       |
| Package 1 Weight             | 30.65 oz (869.000 g)       |
| Unit Type of Package 2       | S03                        |
| Number of Units in Package 2 | 8                          |
| Package 2 Height             | 11.81 in (30.000 cm)       |
| Package 2 Width              | 11.81 in (30.000 cm)       |
| Package 2 Length             | 15.75 in (40.000 cm)       |
| Package 2 Weight             | 16.13 lb(US) (7.315 kg)    |
| Unit Type of Package 3       | P12                        |
| Number of Units in Package 3 | 192                        |
| Package 3 Height             | 51.18 in (130.000 cm)      |
| Package 3 Width              | 31.50 in (80.000 cm)       |
| Package 3 Length             | 47.24 in (120.000 cm)      |
| Package 3 Weight             | 413.50 lb(US) (187.560 kg) |

## Offer Sustainability

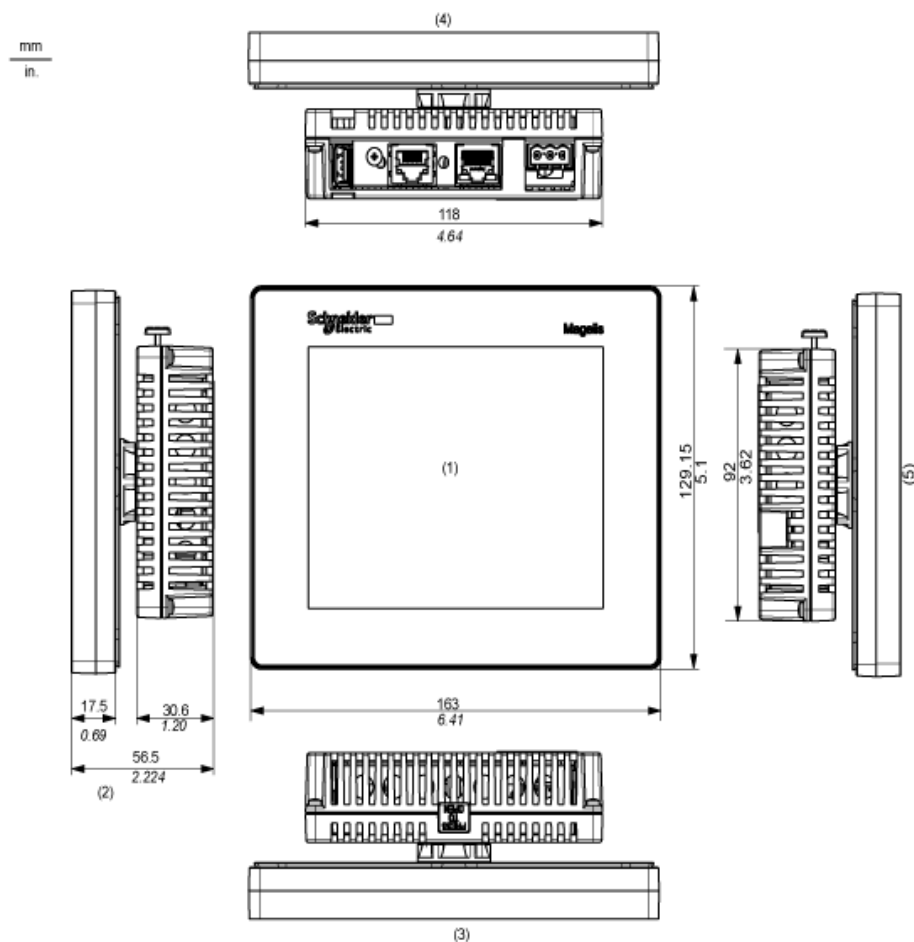
|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| RoHS exemption information | <a href="#">Yes</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.                                                                                                                                                                |
| Upgradeability             | Upgradeable through digital modules and upgraded components                                                                                                                                                                                                                                 |

## Contractual warranty

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

## Display and Rear Modules

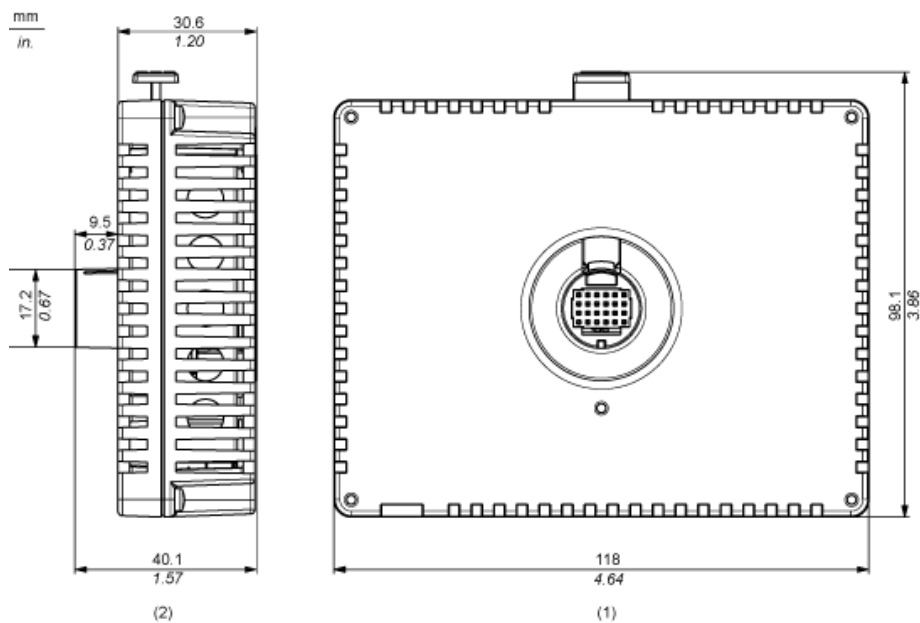
### Dimensions



- (1) Front
- (2) Right side
- (3) Top
- (4) Bottom
- (5) Left side

### Rear Module

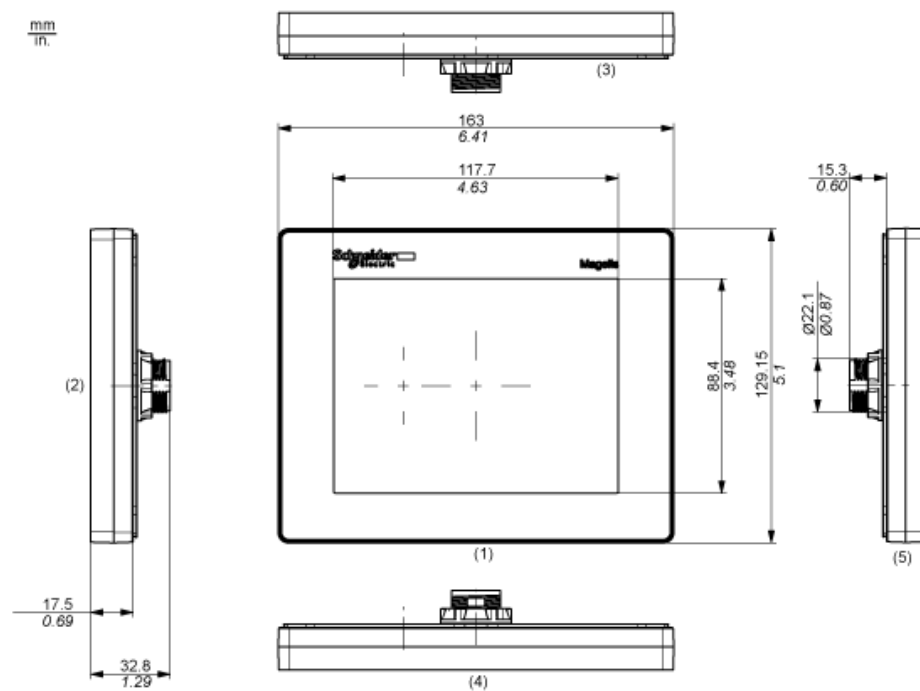
## Dimensions



- (1) Front
- (2) Right Side

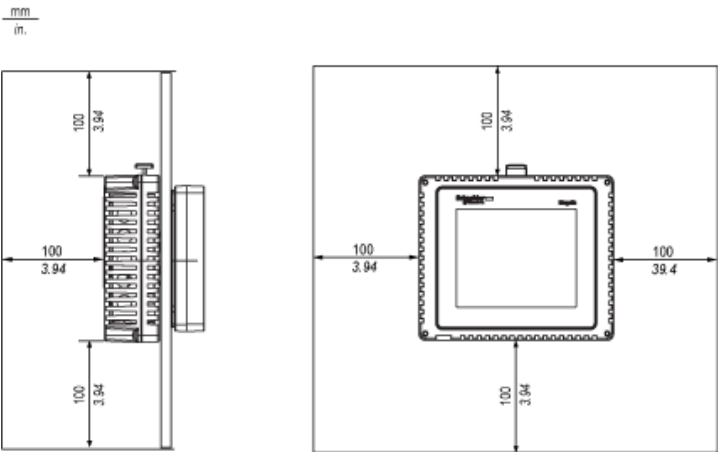
## Display Module

### Dimensions

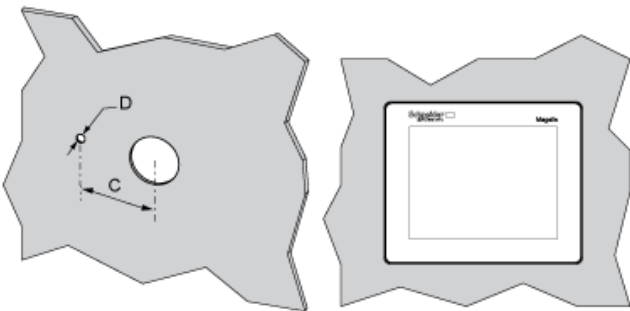


- (1) Front
- (2) Right Side
- (3) Bottom
- (4) Top
- (5) Left Side

Clearance



Panel Cut-out Dimensions



| C (mm) | C (in.) | D (mm) | D (in.) |
|--------|---------|--------|---------|
| +0     | +0      | +0     | +0      |
| 30.00  | 1.18    | 4.00   | 0.15    |
| -0.20  | -0.007  | -0.20  | -0.007  |

NOTE: With the tee option, the rotating torque that can be supported by the display module is 6 Nm (53.10 in-lb).

# Mouser Electronics

Authorized Distributor

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