

## Main

|                           |                    |
|---------------------------|--------------------|
| Range of product          | Magelis STO & STU  |
| Product or component type | Touch panel screen |
| Software designation      | Vijeo XD           |
| Operating system          | Magelis            |

## 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 with white                                                                                                                        |
| Brightness                 | 16 levels via touch panel                                                                                                                     |
| Character font             | ASCII (European characters)<br>Chinese (simplified Chinese)<br>Cyrillic<br>Japanese (ANK, Kanji)<br>Korean<br>Taiwanese (traditional Chinese) |
| [Us] rated supply voltage  | 12...24 V DC - 10...20 %                                                                                                                      |
| Power consumption in W     | 7.5 W                                                                                                                                         |
| Number of pages            | 8999                                                                                                                                          |
| 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 9-pin terminal block connector serial link with RS232C interface at 2400...115200 bps          |
| Supply                     | External source                                                                                                                               |
| Realtime clock             | With RTC-battery set (optional)                                                                                                               |
| Downloadable protocols     | Modbus<br>Third party protocols                                                                                                               |
| Range compatibility        | Omron<br>Allen-Bradley<br>Mitsubishi<br>Siemens                                                                                               |
| Fixing mode                | By 2 installation fasteners on 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)                                                                                        |
| Product weight             | 0.49 lb(US) (0.22 kg)                                                                                                                         |

## Environment

|           |                                  |
|-----------|----------------------------------|
| standards | CSA C22.2 No 142<br>EN 61000-6-2 |
|-----------|----------------------------------|

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

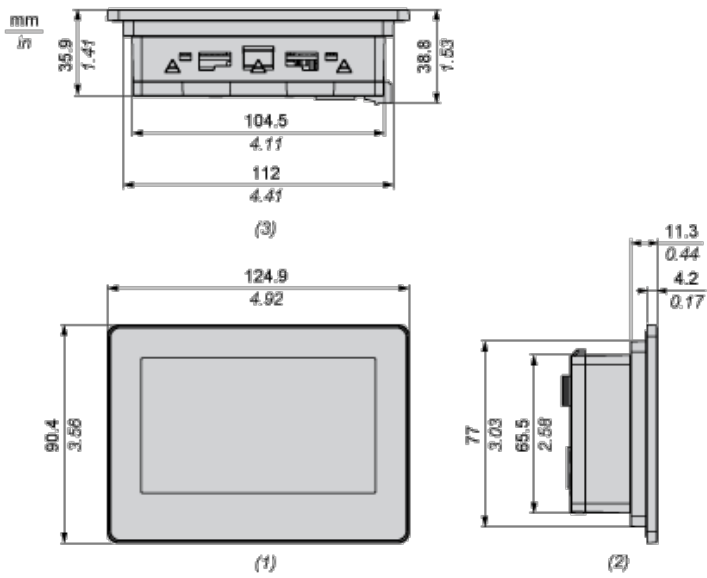
EN 61000-6-4  
 EN 61131-2  
 UL 61010-1  
 CSA C22.2 No 213  
 ANSI/ISA 12.12.01  
 UL 61010-2-201

|                                       |                                                                                                                                                                                                                                                                            |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| product certifications                | ATEX zone 2/22<br>CE<br>C-Tick<br>CUL<br>UL<br>KCC                                                                                                                                                                                                                         |
| directives                            | 2002/96/EC - WEEE directive<br>2002/95/EC - RoHS directive<br>1907/2006/EC - REACH directive                                                                                                                                                                               |
| 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               | IP20 (rear panel)<br>IP65f (front panel)                                                                                                                                                                                                                                   |
| NEMA degree of protection             | NEMA 4X/13 front panel (indoor use)                                                                                                                                                                                                                                        |
| shock resistance                      | 15 gn for 11 ms conforming to IEC 61131-2                                                                                                                                                                                                                                  |
| vibration resistance                  | 1 gn (f = 5...150 Hz) conforming to IEC 61131-2<br>3.5 mm constant amplitude (f = 5...150 Hz) conforming to 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 conforming to EN 61000-4-2 level 3<br>Resistance to electrostatic discharge : 6 kV direct contact conforming to EN 61000-4-2 level 3 |

## Offer Sustainability

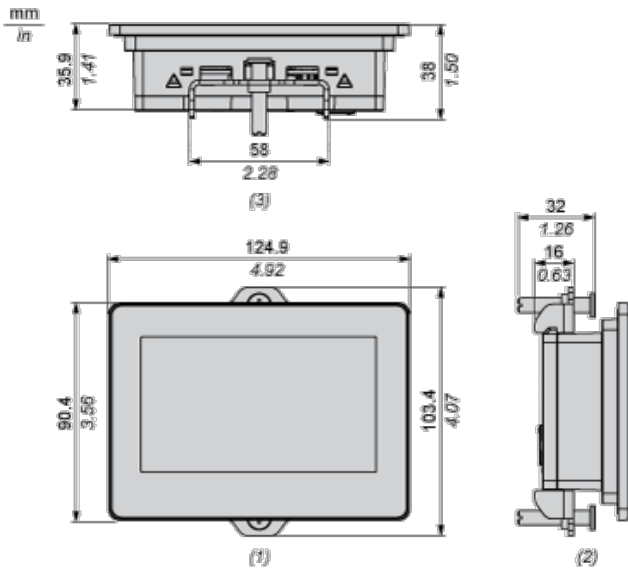
|                                                                                                                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Green Premium product                                                                                                            | Green Premium product                                                                                                            |
| Compliant - since 1601 - Schneider Electric declaration of conformity                                                            | Compliant - since 1601 - Schneider Electric declaration of conformity                                                            |
| Reference not containing SVHC above the threshold                                                                                | Reference not containing SVHC above the threshold                                                                                |
| Available                                                                                                                        | Available                                                                                                                        |
| Available                                                                                                                        | Available                                                                                                                        |
| WARNING: This product can expose you to chemicals including:                                                                     | 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. | 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>                                    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

## External Dimensions



- 1 Front
- 2 Left
- 3 Bottom

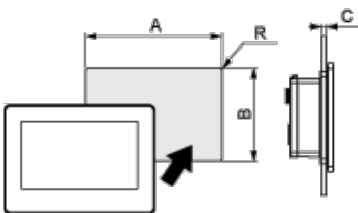
### Dimensions with Installation Fasteners



- 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. |

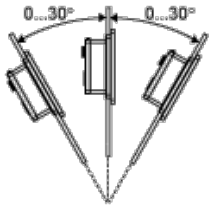
|              |     |    |         |        |
|--------------|-----|----|---------|--------|
| With adapter | 105 | 66 | 1.5...6 | 3 max. |
|--------------|-----|----|---------|--------|

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. |

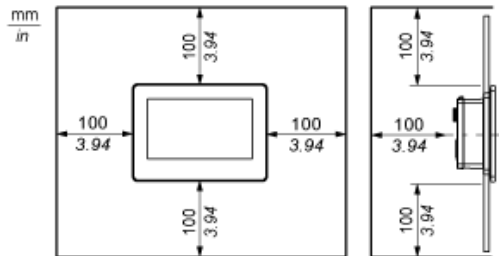
## Installation Requirements

### 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



Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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