

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) Chinese (simplified Chinese) Cyrillic Japanese (ANK, Kanji) Korean 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 Application memory, 26 MB
Integrated connection type	1 USB 2.0 type mini B 1 USB 2.0 type A 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 Third party protocols
Range compatibility	Omron Allen-Bradley Mitsubishi 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 66 x 105 mm (with mounting adaptor)
Product weight	0.49 lb(US) (0.22 kg)

Environment

standards	CSA C22.2 No 142 EN 61000-6-2
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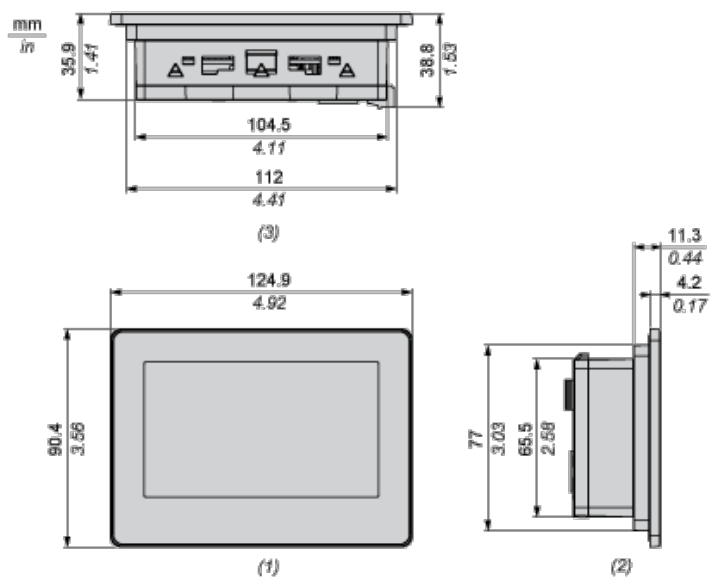
The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. 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 CE C-Tick CUL UL KCC
directives	2002/96/EC - WEEE directive 2002/95/EC - RoHS directive 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) 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 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 Resistance to electrostatic discharge : 8 kV air discharge conforming to EN 61000-4-2 level 3 Resistance to electrostatic discharge : 6 kV direct contact conforming to EN 61000-4-2 level 3

Offer Sustainability

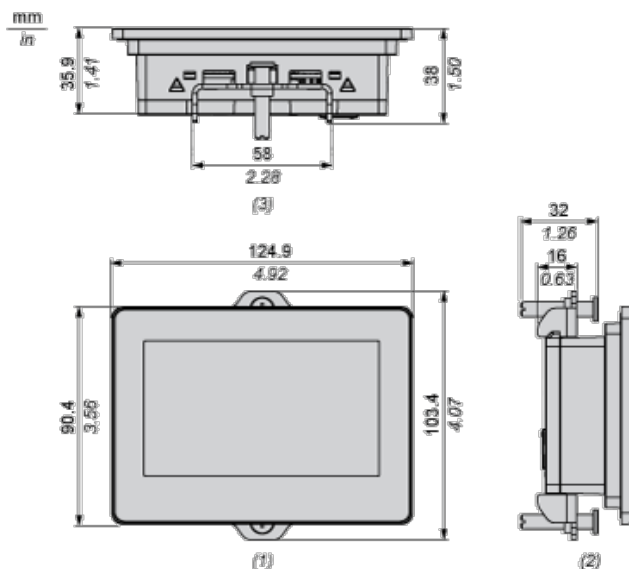
Green Premium product	Green Premium product
Compliant - since 1601 - Schneider Electric declaration of conformity	Compliant - since 1601 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
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 www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

External Dimensions



- 1 Front
- 2 Left
- 3 Bottom

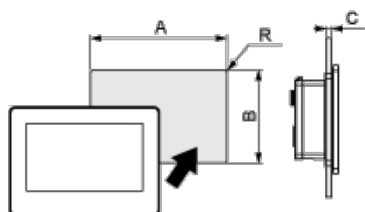
Dimensions with Installation Fasteners



- 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.

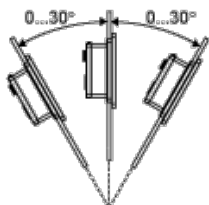
With adapter	105	66	1.5...6	3 max.
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Dimensions in in.

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

