



Main

Range of product	Magelis GTU
Product or component type	Advanced touchscreen panel
Terminal type	Touchscreen display

Complementary

[Us] rated supply voltage	12...24 V DC power supply
Supply voltage limits	10.8...28.8 V
Power consumption in W	6.5 W
Display size	7 inch
Display type	Colour TFT LCD
Display resolution	800 x 480 pixels WVGA
Display colour	262144 colors
Backlight lifespan	50000 hours
Touch panel	Single touch analogue resistive
Type of installation	Indoor installation
Type of cooling	Natural convection
Inrush current	30 A
Cut-out dimensions	190 (+ 1/- 0) x 135 (+ 1/- 0) mm
Width	203.6 mm
Height	148.6 mm
Depth	36 mm
Product weight	1.2 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

Environment

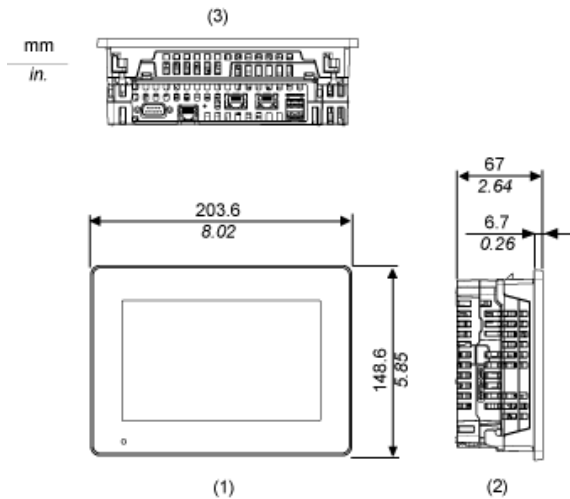
IP degree of protection	IP67 (front panel) IP66 (front panel)
NEMA degree of protection	NEMA 4X (front panel)
Standards	IEC 61132-2 CSA C22.2 No 142 CSA C22.2 No 213 : class I division 2 ANSI/ISA 12-12-01 UL 508
Product certifications	ABS ATEX BV CE CUL CULus DNV GL LR RINA CCS RCM IEC-Ex EAC KC
Ambient air temperature for operation	0...60 °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	9.8 m/s ² (f = 9...150 Hz) conforming to EN/IEC 61131-2 3.5 mm constant amplitude (f = 5...9 Hz) conforming to EN/IEC 61131-2
Shock resistance	147 m/s ² conforming to EN/IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test, level 3 conforming to EN/IEC 61000-4-2

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1347 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

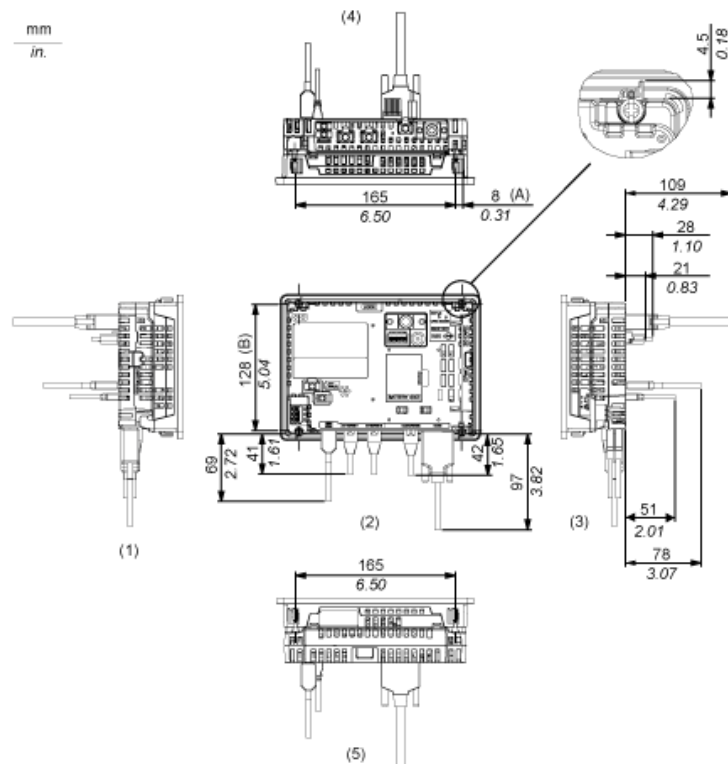
External Dimensions

Display Unit with Box Module



- 1 Front
- 2 Left
- 3 Bottom

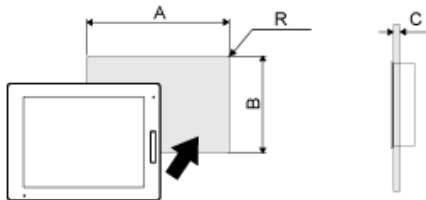
Installation with Installation Fasteners and Dimensions with Cables



- (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

Mounting

Panel Cut Dimensions



Dimensions in mm

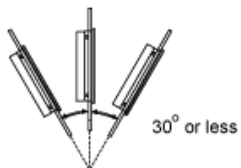
A	B	C	R
190 (+1/-0)	135 (+1/-0)	1.6...5	3 max.

Dimensions in in.

A	B	C	R
7.48 (+0.04/-0)	5.31 (+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

