Product data sheet
Characteristics

HMIDT65X
EXtreme touchscreen panel, Harmony GTUX, Series Display 12"W, Outdoor use, Rugged, Coated

Main

Range of product	Harmony GTUX
Product or component type	EXtreme touchscreen panel
Terminal type	Touchscreen display

Complementary

Pixel resolution	1280 x 800
Touchscreen resolution	1024 x 1024
[Us] rated supply voltage	12...24 V DC power supply
Supply voltage limits	10.8…28.8 V
Power consumption in W	12.5 W
Display size	12.1 inch
Display type	Colour TFT LCD
Display resolution	1280 x 800 pixels WVGA
Display colour	262144 colors
Luminance	1000 cd/m²
Backlight lifespan	50000 hours
Touch panel	Single touch analogue resistive
Type of installation	Outdoor
Type of cooling	Natural convection
Inrush current	30 A
Environmental characteristic	Corrosive gas free UV resistant
Cut-out dimensions	394 (+ 1/- 0) x 250 (+ 1/- 0) mm
Width	308.5 mm
Height	230.5 mm
Depth	68 mm
Net weight	3.2 kg

Disclaimer: 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

Environment

IP degree of protection	IP66f IP67f Front panel: Type 4X
Standards	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142 IEC 61132-2
Product certifications	CULus KC CE RCM
Ambient air temperature for operation	-30…70 °C conforming to EN 61131-2
Ambient air temperature for storage	-30…70 °C
Pollution degree	2
Relative humidity	10…90 % non-condensing
Operating altitude	2000 m
Vibration resistance	7 mm constant amplitude (f = 5…9 Hz) conforming to EN/IEC 61131-2 19.6 m/s² (f = 9…150 Hz) conforming to EN/IEC 61131-2
Shock resistance	392 m/s² conforming to EN/IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test level 3 conforming to EN/IEC 61000-4-2
Environmental characteristic	Corrosive gas free UV resistant

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	4.784 kg
Package 1 Height	19 cm
Package 1 width	33 cm
Package 1 Length	43 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	2
Package 2 Weight	9.94 kg
Package 2 Height	35 cm
Package 2 width	42 cm
Package 2 Length	45 cm
Unit Type of Package 3	P12
Number of Units in Package 3	10
Package 3 Weight	47.84 kg
Package 3 Height	54 cm
Package 3 width	80 cm
Package 3 Length	120 cm

Offer Sustainability

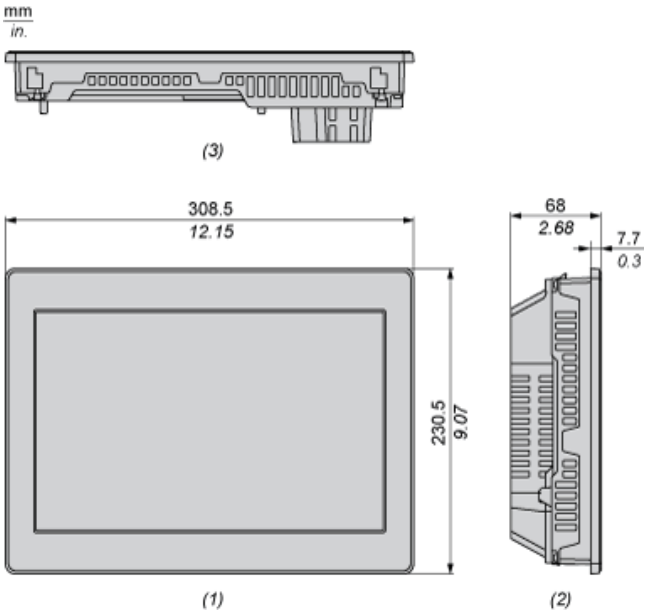
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

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 www.P65Warnings.ca.gov

HMIDT65X

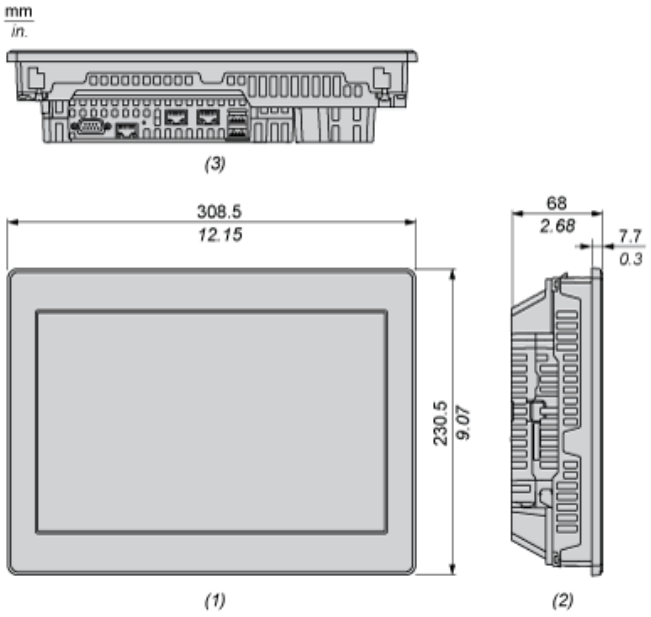
External Dimensions

Display Unit



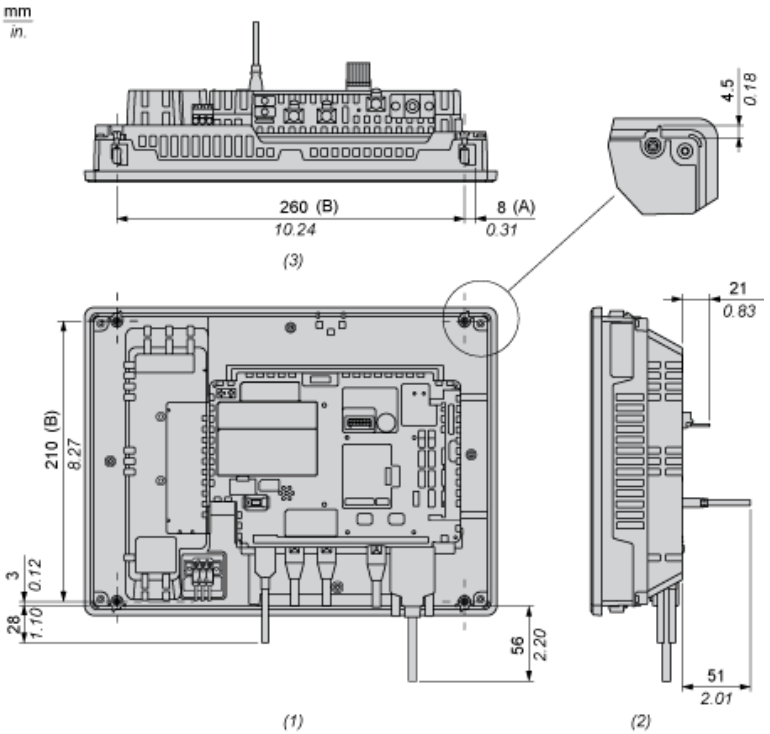
1 : Front
2 : Left
3 : Bottom

Display Unit with Box Module



1 : Front
2 : Left
3 : Bottom

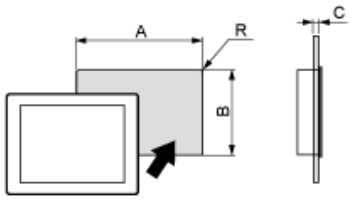
Dimensions with Cables



(A) : Rotation area of the fastener
(B) : Pitch of the enter of installation fastener screws
1 : Rear
2 : Right
3 : Bottom

Mounting and Clearance

Panel Cut Dimensions



Dimensions in mm

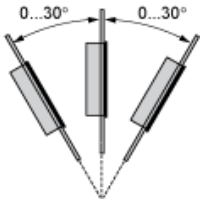
A	B	C	R
295 (+1/-0)	217 (+1/-0)	1.6...5	3 max.

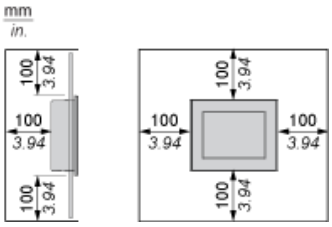
Dimensions in in.

A	B	C	R
11.61 (+0.04/-0)	8.54 (+0.04/-0)	0.06...0.2	0.12 max.

Installation Requirements

Mounting Angle



When installing this product in a slanted position, the product face should not incline more that 30°.

Clearance