

# Product data sheet

Specifications



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

HMIDT65X

### Main

Range of product	Harmony GTUX
Product or component type	EXtreme touchscreen panel
Terminal type	Touchscreen display
[Us] rated supply voltage	12 V DC power supply
Supply voltage limits	10.8...28.8 V
Power consumption in W	12.5 W
Inrush current	30 A

### Complementary

Touchscreen resolution	1024 x 1024
Pixel resolution	1280 x 800
Display size	12.1 inch
Aspect ratio	4:3
Display type	Colour TFT LCD
Display resolution	1280 x 800 pixels WVGA
Display colour	262144 colors
Luminance	1000 cd/m²
Touch panel	Single touch analogue resistive
Type of cooling	Natural convection
Cut-out dimensions	295 (+ 1/- 0) x 217 (+ 1/- 0) mm
Width	308.5 mm
Height	230.5 mm
Depth	68 mm
Net weight	3.2 kg

### Environment

IP degree of protection	IP66f IP67f Front panel: Type 4X
Standards	UL 61010 UL 121201 CSA C22.2 No 213

CSA C22.2 No 61010-1 IEC 61132-2	
Product certifications	KC CE RCM EAC ATEX zone 2/22 IEC-Ex UL CSA UKCA UKEX
Ambient air temperature for operation	-30...70 °C conforming to EN 61131-2
Ambient air temperature for storage	-30...70 °C
Pollution degree	2
Environmental characteristic	Corrosive gas free UV resistant
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

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.6 cm
Package 1 Width	33 cm
Package 1 Length	43 cm
Package 1 Weight	4.605 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	2
Package 2 Height	35 cm
Package 2 Width	42 cm
Package 2 Length	45 cm
Package 2 Weight	9.94 kg
Unit Type of Package 3	P12
Number of Units in Package 3	10
Package 3 Height	54 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	47.84 kg

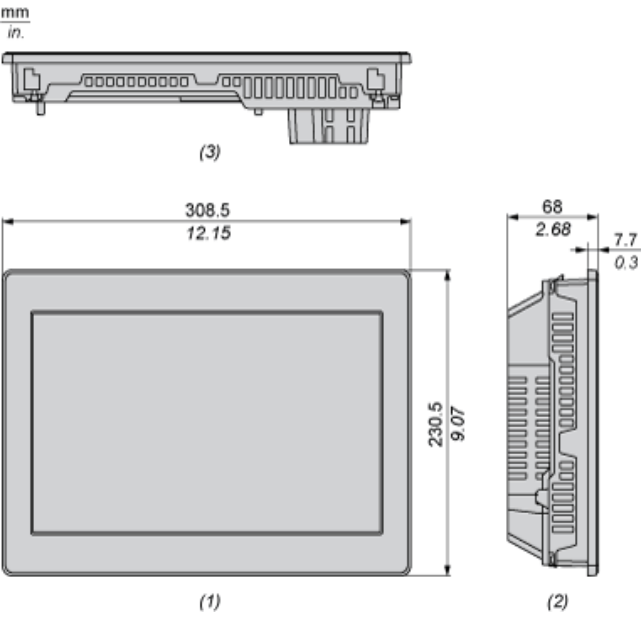
### Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
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	Yes
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>

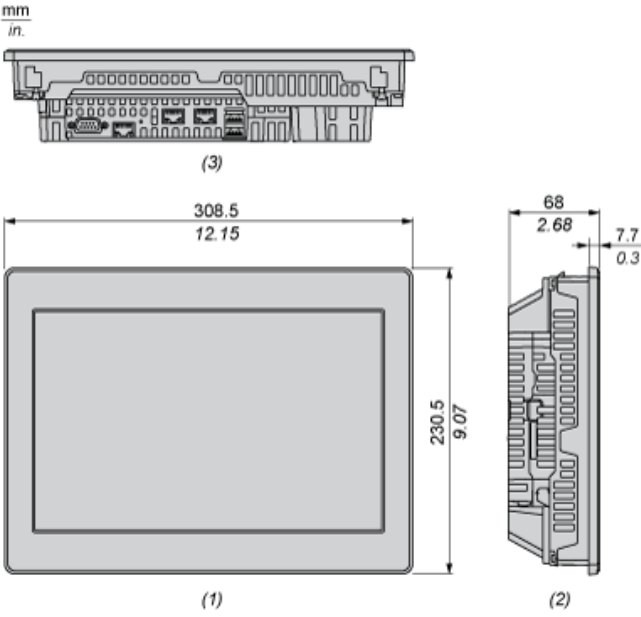
External Dimensions

Display Unit



- 1 : Front
- 2 : Left
- 3 : Bottom

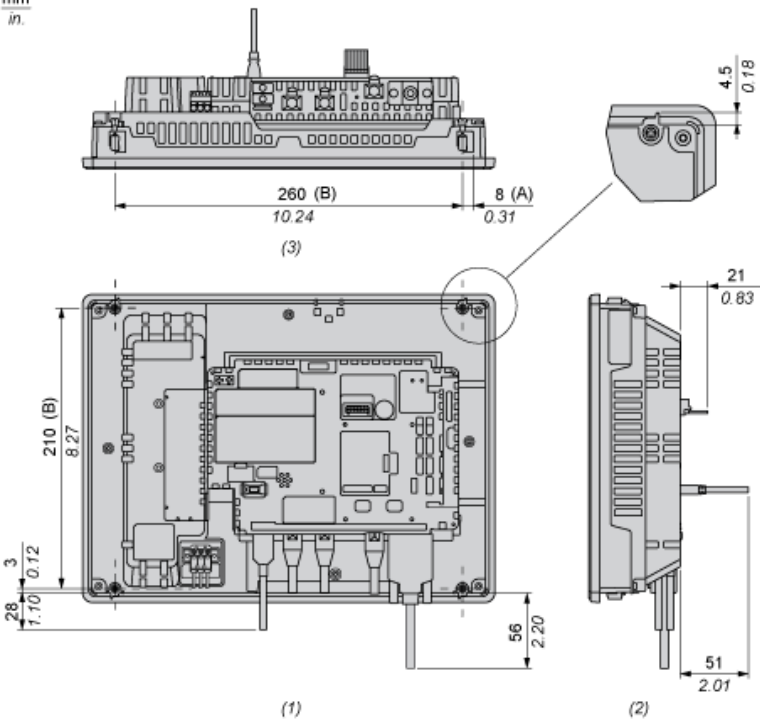
Display Unit with Box Module



- 1 : Front
- 2 : Left
- 3 : Bottom

Dimensions with Cables

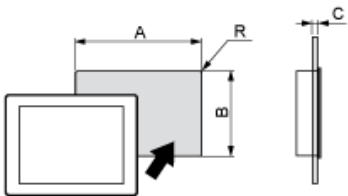
mm  
in.



- (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.

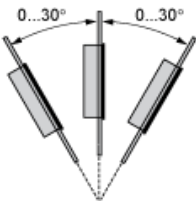
Dimensions in in.

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

Installation Requirements

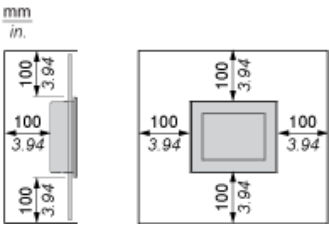
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Mounting Angle



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

Clearance



Recommended replacement(s)