Advanced touchscreen panel, Harmony GTU, 12 W Touch Display WXGA

HMIDT651

Main

Range of product	Harmony GTU
Product or component type	Advanced touchscreen panel
Terminal type	Touchscreen display
[Us] rated supply voltage	1224 V DC power supply
Supply voltage limits	10.828.8 V
Power consumption in W	11.5 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
Backlight lifespan	50000 hours
Touch panel	Single touch analogue resistive
Type of cooling	Natural convection
Type of installation	Indoor installation
Cut-out dimensions	295 (+ 1/- 0) x 217 (+ 1/- 0) mm
Width	308.5 mm
Height	230.5 mm
Depth	67 mm
Net weight	3 kg

Environment

IP degree of protection	Front panel: IP66 Front panel: IP67
NEMA degree of protection	NEMA 4X front panel

May 7, 2023

Product certifications CUL KC CE RCM UKC UKE Ambient air temperature for operation Ambient air temperature for storage Relative humidity Operating altitude Vibration resistance Shock resistance 147 Electromagnetic compatibility Electromagnetic compatibility Packing Units Unit Type of Package 1 Package 1 Height Package 1 Height Package 1 Length Package 1 Weight Unit Type of Package 2 Package 2 Height Package 2 Height Package 2 Length Package 2 Weight Package 2 Weight Package 3 Height Package 3 Height Package 3 Height Package 3 Height Package 3 P12 Number of Units in Package 3 Package 3 Height Number of Units in Package 3 Package 3 Height Number of Units in Package 3	I/ISA 12-12-01 SI division 2 CSA C22.2 No 213 C22.2 No 142 61132-2 US IAA X O °C conforming to EN 61131-2 .60 °C 90 % non-condensing Imm non constant amplitude (f = 59 Hz) conforming to EN/IEC 61131-2 .//s² (f = 9150 Hz) conforming to EN/IEC 61131-2 .//s² conforming to EN/IEC 61131-2 Irrostatic discharge immunity test level 3 conforming to EN/IEC 61000-4-2 com com com com com com g
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Unit Type of Package 3 P12 Number of Units in Package 3 20 Package 3 Height 110.	ст
Number of Units in Package 3 20 Package 3 Height 110.	2 kg
Package 3 Height 110.	
	0 cm
Package 3 Width 80.0	ст
Package 3 Length 120.	0 cm
Package 3 Weight 103.	62 kg
Offer Sustainability	
Sustainable offer status Gree	n Premium product
REACh Regulation REA	Ch Declaration
REACh free of SVHC Yes	
	active compliance (Product out of EU RoHS legal scope) RoHS Declaration
Mercury free Yes	
China RoHS Regulation Chin	

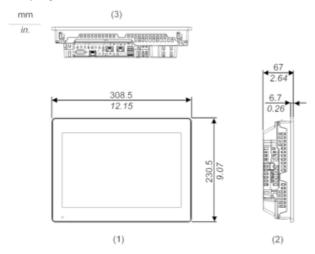
RoHS exemption information	Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End of Life Information	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	
California proposition 65	WARNING: This 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	
Contractual warranty		

Warranty 18 months

Dimensions Drawings

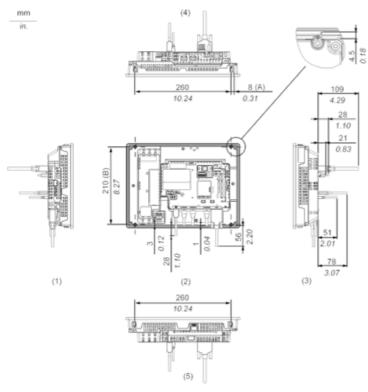
External Dimensions

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

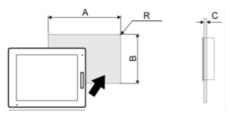
Product data sheet

HMIDT651

Mounting and Clearance

Mounting

Panel Cut Dimensions



Dimensions in mm

А	В	С	R
295 (+1/-0)	217 (+1/-0)	1.65	3 max.

Dimensions in in.

A	В	С	R
11.61 (+0.04/-0)	8.54 (+0.04/-0)	0.060.2	0.12 max.

Product data sheet

HMIDT651

Mounting and Clearance

Installation Requirements

Mounting Angle



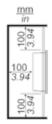
When installing this product in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan, A/C) to ensure the ambient operating temperature is 40 °C or less (104 °F or less).

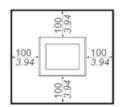
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Mounting and Clearance

Clearance





Recommended replacement(s)