Product data sheet

Specifications

Advanced touchscreen panel, Harmony GTU, 7 W Touch Display WVGA

HMIDT351

Main

Range of product	Harmony GTU
Product or component type	Advanced touchscreen panel
Terminal type	Touchscreen display
[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
Inrush current	30 A

Complementary

Touchscreen resolution	1024 x 1024
Pixel resolution	800 x 480
Display size	7 inch
Aspect ratio	4:3
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 cooling	Natural convection
Type of installation	Indoor installation
Cut-out dimensions	190 (+ 1/- 0) x 135 (+ 1/- 0) mm
Width	203.6 mm
Height	148.6 mm
Depth	36 mm
Net weight	1.2 kg

Environment

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

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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
	RCM
	CE
	KC
	UKCA
	UKEX
Ambient air temperature for operation	0…60 °C conforming to EN 61131-2
Ambient air temperature for storage	-20…60 °C
Relative humidity	10…90 % non-condensing
Operating altitude	2000 m
Vibration resistance	3.5 mm constant amplitude (f = 5…9 Hz) conforming to EN/IEC 61131-2
	9.8 m/s² (f = 9…150 Hz) conforming to EN/IEC 61131-2
Shock resistance	147 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	13.5 cm
Package 1 Width	21 cm
Package 1 Length	26.5 cm
Package 1 Weight	1.6 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.78 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	8
Package 3 Height	33.5 cm
Package 3 Width	45.5 cm
Package 3 Length	55 cm
Package 3 Weight	13.012 kg

Offer Sustainability

|	
Sustainable offer status	Green Premium product
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
China RoHS Regulation	China RoHS declaration

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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

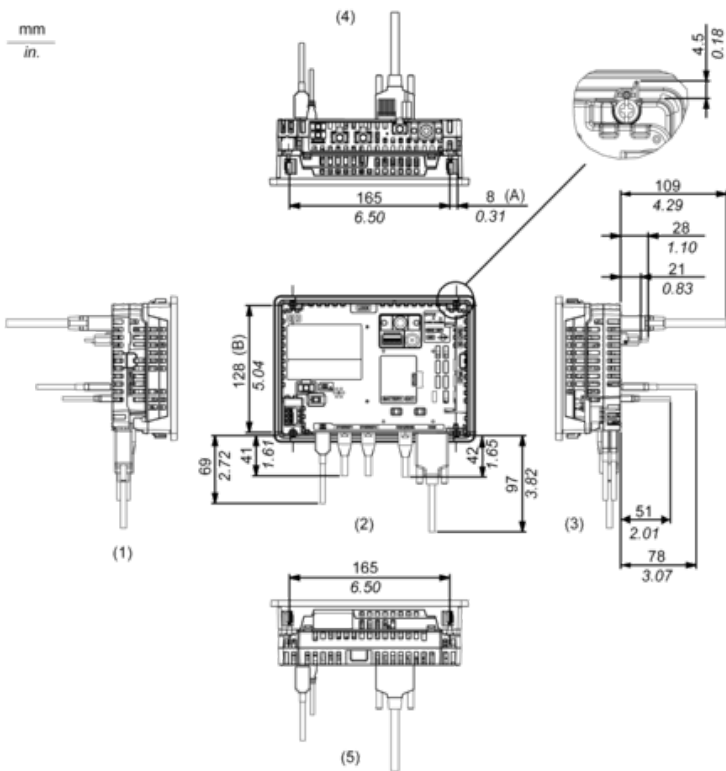|	
Warranty	18 months

External Dimensions

Display Unit with Box Module

mm / in.
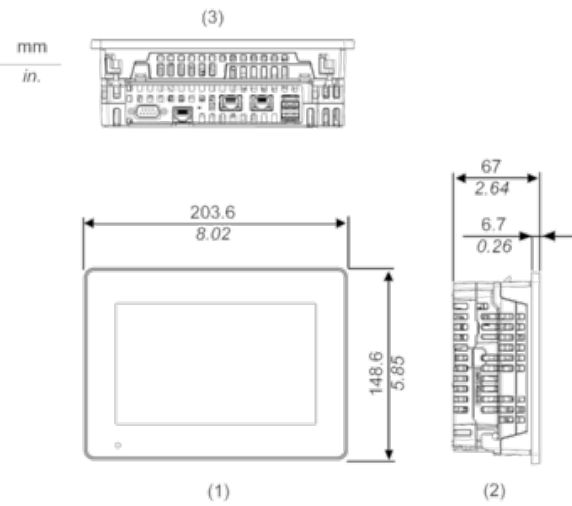
1 Front
2 Left
3 Bottom

Installation with Installation Fasteners and Dimensions with Cables

mm / in.

(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

May 7, 2023

Mounting

Panel Cut Dimensions
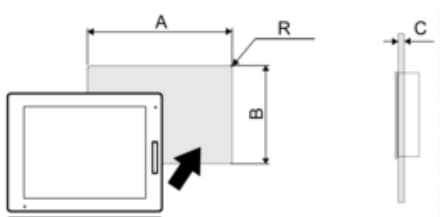
Dimensions in mm

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

Dimensions in in.

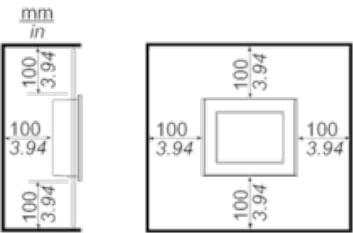| A	B	C	R
7.48 (+0.04/-0)	5.31 (+0.04/-0)	0.06...0.2	0.12 max.

Installation Requirements

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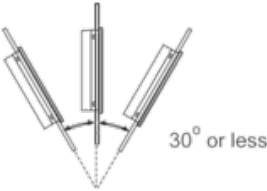
When installing this product in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan, A/C) to ensure the ambient operating temperature is 40 °C or less (104 °F or less).

Clearance

Recommended replacement(s)