Product data sheet

Specifications

Flat screen, Harmony GTU, 10.4 Touch Smart Display SVGA

HMIDT542

Main

Range of product	Harmony GTU
Product or component type	Flat screen
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	15 W
Inrush current	30 A

Complementary

Integrated connection type	USB 2.0 type A USB 2.0 type mini B
Touchscreen resolution	1024 x 1024
Pixel resolution	800 x 600
Display size	10.4 inch
Aspect ratio	4:3
Display type	Colour TFT LCD
Display resolution	800 x 600 pixels SVGA
Display colour	16 million colours
Backlight lifespan	50000 hours
Touch panel	Multi touch analogue resistive
Function available	Brightness sensor
Type of cooling	Natural convection
Type of installation	Indoor installation
Cut-out dimensions	259 (+ 1/- 0) x 201 (+ 1/- 0) mm
Width	272.5 mm
Height	214.5 mm
Depth	67 mm
Net weight	2.7 kg

Environment

IP degree of protection	Front panel: IP66 Front panel: IP67
NEMA degree of protection	NEMA 4X front panel
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 CE KC RCM 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	21 cm
Package 1 Width	33 cm
Package 1 Length	37 cm
Package 1 Weight	3.826 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
RoHS exemption information	Yes
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.

(3)

272.5
10.73

214.5
8.44

67
2.64

6.7
0.26

(1)

(2)
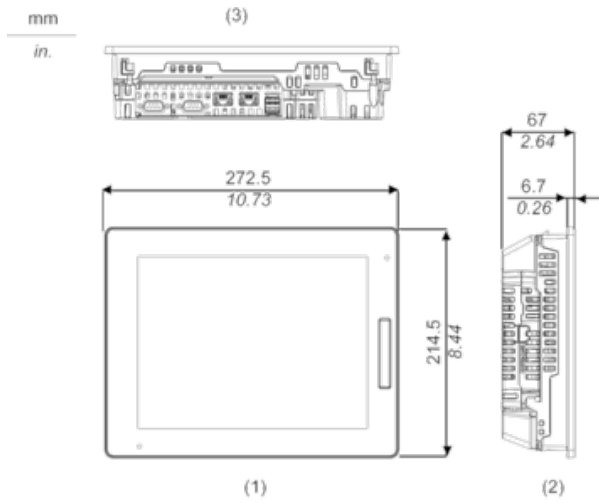
1 Front
2 Left
3 Bottom

Installation with Installation Fasteners and Dimensions with Cables

mm
in.

(4)

226
8.90

8 (A)
0.31

4.5
0.18

109
4.29

28
1.10

21
0.83

194 (B)
7.64

51
2.01

78
3.07

5
0.20

8
0.31

9
0.35

64
2.52

36
1.42

(1)

(2)

(3)

226
8.90

(5)
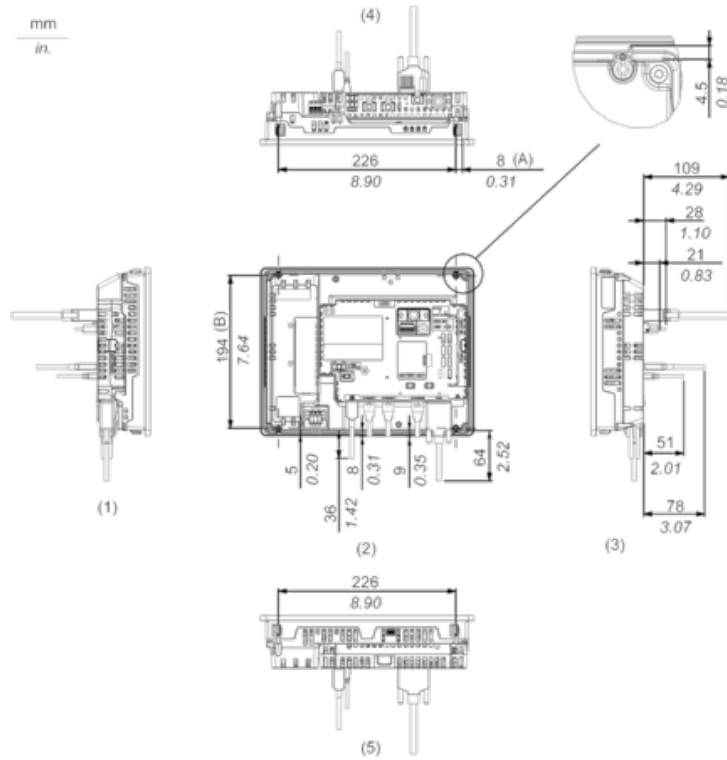
(A) Rotation area of the fastener
(B) Pitch of the center of installation fastner screws

1 Right
2 Front
3 Left
4 Bottom
5 Top

Mounting

Panel Cut Dimensions
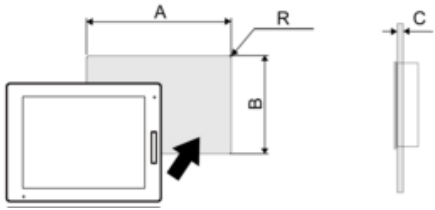
Dimensions in mm

A	B	C	R
259 (+1/-0)	201 (+1/-0)	1.6...5	3 max.

Dimensions in in.

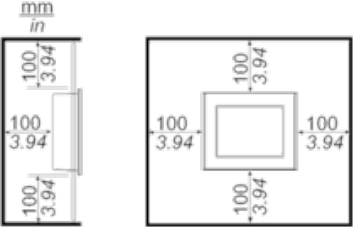| A	B	C	R
10.2 (+0.04/-0)	7.91 (+0.04/-0)	0.06...0.2	0.12 max.

Installation Requirements

Mounting Angle
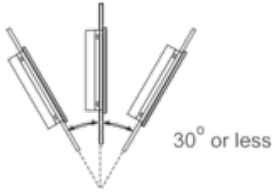
30° or less

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)