Product data sheet
Characteristics

HMIDT351FC
Advanced touchscreen panel, Harmony GTU, 7 W Touch Display WVGA, coated display

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
Provided equipment	1 flash card
Type of cooling	Natural convection
Type of Installation	Indoor installation
Cut-out dimensions	190 (+ 1/- 0) x 135 (+ 1/- 0) mm
Width	8.02 in (203.6 mm)
Height	5.85 in (148.6 mm)
Depth	1.42 in (36 mm)
Net Weight	2.65 lb(US) (1.2 kg)

Environment

IP degree of protection	Front panel IP66
NEMA degree of protection	NEMA 4X front panel
Standards	UL 508
Product certifications	CE
Ambient air temperature for operation	32…140 °F (0…60 °C) EN 61131-2
Ambient air temperature for storage	-4…140 °F (-20…60 °C)
Relative Humidity	10…90 % non-condensing
Operating altitude	6561.68 ft (2000 m)
Vibration resistance	3.5 mm constant amplitude 5…9 Hz) EN/IEC 61131-2
Shock resistance	147 m/s²EN/IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity testlevel 3 EN/IEC 61000-4-2

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Ordering and shipping details

Category	22567-MAGELIS HMI GTU
Discount Schedule	MC2
GTIN	3606480841699
Nbr. of units in pkg.	1
Package weight(Lbs)	3.08 lb(US) (1.397 kg)
Returnability	No
Country of origin	SG

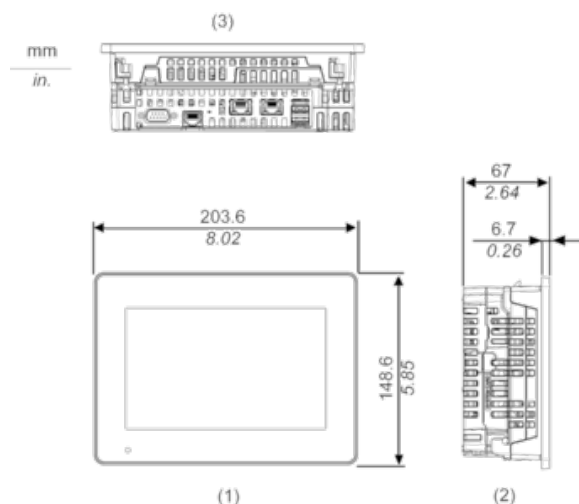## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.31 in (13.5 cm)
Package 1 width	8.27 in (21 cm)
Package 1 Length	10.24 in (26 cm)
Unit Type of Package 2	CAR
Number of Units in Package 2	8
Package 2 Weight	28.78 lb(US) (13.056 kg)
Package 2 Height	13.19 in (33.5 cm)
Package 2 width	17.91 in (45.5 cm)
Package 2 Length	21.65 in (55 cm)

Offer Sustainability

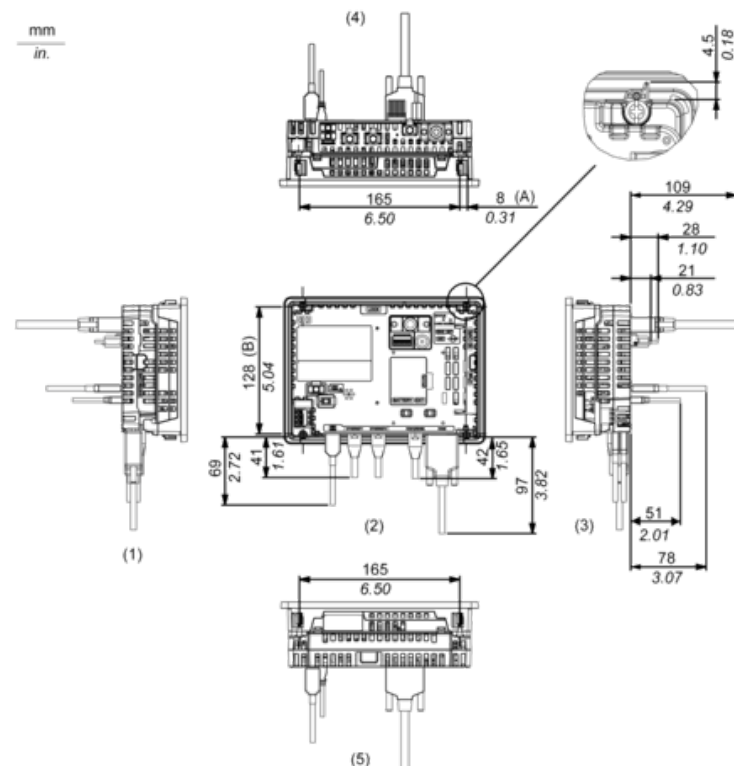|	
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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External Dimensions

Display Unit with Box Module

1 Front

2 Left

3 Bottom

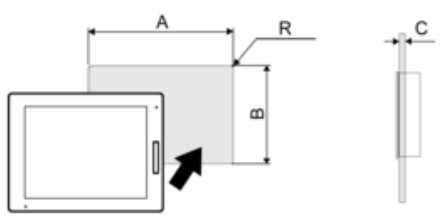### Installation with Installation Fasteners and Dimensions with Cables

(A) Rotation area of the fastener

(B) Pitch of the center of installation fastner screws

1 Right

2 Front

3 Left

4 Bottom
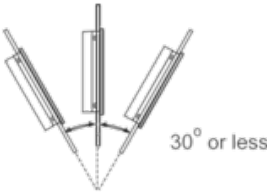
Mounting

Panel Cut Dimensions

Dimensions in mm

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

Dimensions in in.

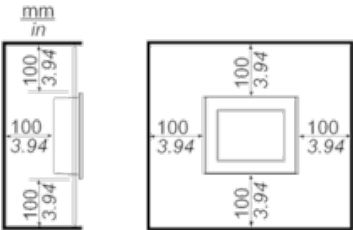| A	B	C	R
7.48 (+0.04/-0)	5.31 (+0.04/-0)	0.06...0.2	0.12 max.

Installation Requirements

Mounting Angle

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

Mouser Electronics

Authorized Distributor

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