



# Product data sheet

Specifications



## industrial touchscreen display - 12" - Multi-touch screen - 24 Vdc

HMIDID64DTD1

-  **Discontinued on:** Aug 7, 2023
-  **To be end-of-service on:** Mar 31, 2027

 **Discontinued - Service only**

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

Range Of Product	Harmony iPC
Product Or Component Type	Flat screen
Terminal Type	Touchscreen display
Device Mounting	Flush

### Complementary

Display Resolution	1024 x 768 pixels XGA
Display Size	12.1 inch
Aspect Ratio	4:3
Display Type	Colour TFT LCD
Display Colour	16 million colours
Luminance	9.29 fc (100 cd/m²) 37.16 fc (400 cd/m²)
Backlight Lifespan	50000 hours
Touch Panel	Multi touch analogue resistive 1000000 cycles
Integrated Connection Type	DVI-D video port USB 2.0 type A USB 2.0 type mini B
Function Available	Brightness sensor
[Us] Rated Supply Voltage	12...24 V DC power supply
Power Consumption In W	17 W
Provided Equipment	1 cable 16.40 ft (5 m) DVI-D 1 cable 16.40 ft (5 m) USB type A 1 USB cable mini B USB 2.0
Cut-Out Dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm
Depth	2.64 in (67 mm)
Height	9.49 in (241 mm)
Width	12.40 in (315 mm)
Net Weight	8.60 lb(US) (3.9 kg)

### Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Standards	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142
Product Certifications	RCM EAC CE
Ip Degree Of Protection	Front panel IP67f Front panel IP66f UL 50E
Nema Degree Of Protection	NEMA 4X/13 front panel
Pollution Degree	2
Ambient Air Temperature For Storage	-4...140 °F (-20...60 °C)
Ambient Air Temperature For Operation	32...140 °F (0...60 °C) EN 61131-2
Vibration Resistance	3.5 mm constant amplitude 5...9 Hz) IEC 61131-2 9.8 m/s² 9...150 Hz) IEC 61131-2
Shock Resistance	147 m/s² EN/IEC 61131-2

## Ordering and shipping details

Category	US10MC322575
Discount Schedule	0MC3
Gtin	3606480731099
Returnability	No
Country Of Origin	CN

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.54 in (21.7 cm)
Package 1 Width	12.99 in (33 cm)
Package 1 Length	16.93 in (43 cm)
Package 1 Weight	209.98 oz (5953 g)
Unit Type Of Package 2	CAR
Number Of Units In Package 2	1
Package 2 Height	8.66 in (22 cm)
Package 2 Width	13.78 in (35 cm)
Package 2 Length	17.72 in (45 cm)
Package 2 Weight	11.53 lb(US) (5.23 kg)
Unit Type Of Package 3	P12
Number Of Units In Package 3	10
Package 3 Height	21.65 in (55 cm)
Package 3 Width	31.50 in (80 cm)
Package 3 Length	47.24 in (120 cm)
Package 3 Weight	112.44 lb(US) (51 kg)

## Sustainability



**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

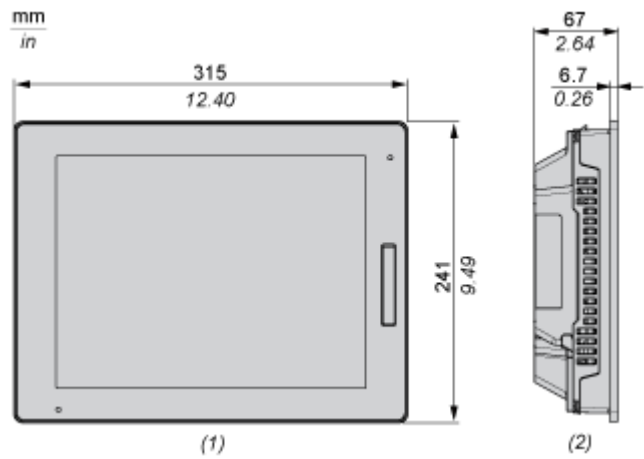
## Well-being performance

 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Dimensions Drawings

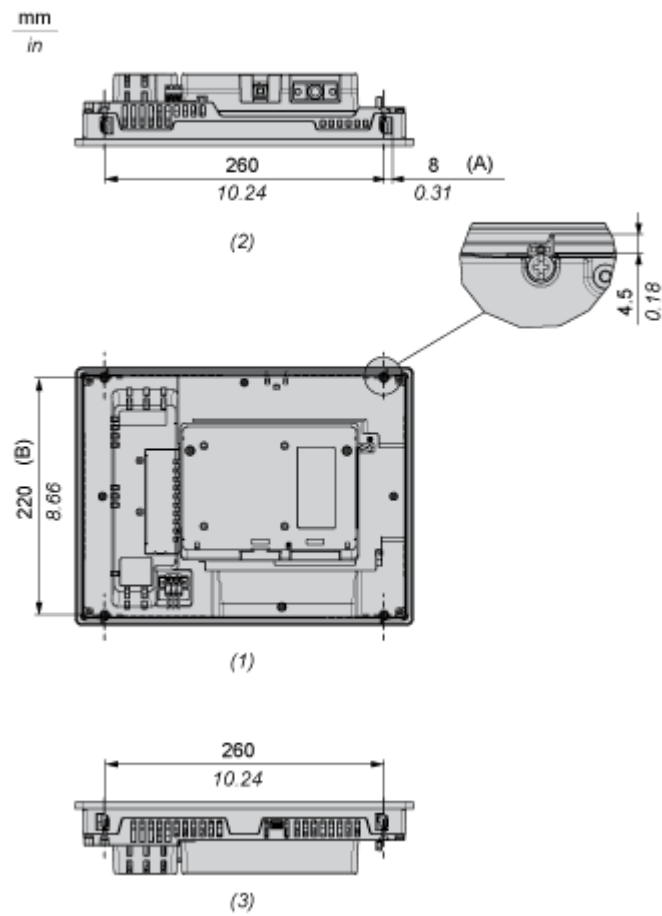
Dimensions

External Dimensions



- (1) Front
- (2) Left

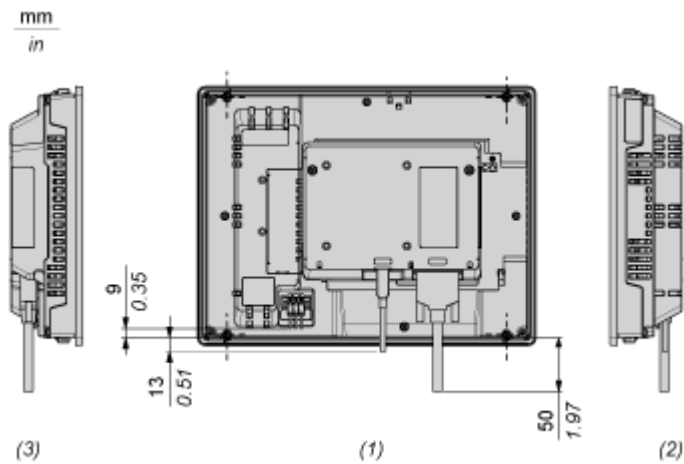
Installation with Installation Fasteners



- (A) Rotation area of the fastener

- (B) Pitch of the centre of installation fastener screws
- (1) Rear
- (2) Bottom
- (3) Top

Dimensions with Cables

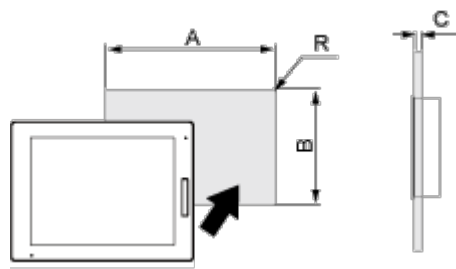


- (1) Rear
- (2) Right
- (3) Left

Mounting and Clearance

Mounting

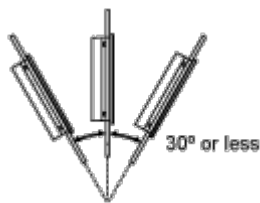
Panel Cut Dimensions



A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
301.5 (+1/-0)	11.87 (+0.04/-0)	227.5 (+1/-0)	8.96 (+0.04/-0)	1.6...5	0.06...0.2	3 max.	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

