

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
Terminal type	Touchscreen display
Product or Component Type	Flat screen

Complementary

Display resolution	1024 x 768 pixels XGA
Display type	Colour TFT LCD
Luminance	9.3 fc (100 cd/m²) 37.2 fc (400 cd/m²)
Touch panel	Multi touch analogue resistive 1000000 cycles
Function Available	Brightness sensor
Display size	12.1 inch
Aspect ratio	4:3
[Us] rated supply voltage	12...24 V DC power supply
Display colour	16 million colours
Provided equipment	1 cable 16.4 ft (5 m) DVI-D 1 cable 16.4 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
Width	12.4 in (315 mm)
Height	9.5 in (241 mm)
Product Weight	8.6 lb(US) (3.9 kg)

Environment

Standards	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142
Pollution degree	2
Product certifications	RCM EAC CE
NEMA degree of protection	NEMA 4X/13 front panel
Ambient air temperature for operation	32...140 °F (0...60 °C) IEC 61131-2

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

Shock resistance	147 m/s² IEC 61131-2
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Ordering and shipping details

Category	US10MC322575
Discount Schedule	0MC3
GTIN	3606480731099
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	8.5 in (21.7 cm)
Package 1 Width	13.0 in (33 cm)
Package 1 Length	16.9 in (43 cm)
Package weight(Lbs)	210.0 oz (5953 g)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

 Environmental footprint	
Total lifecycle Carbon footprint	762 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	57 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	687 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	12 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
F-gas usage performance	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	015d7290-b548-4647-b796-04cd484f0407
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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
Halogen content performance	Product contains halogen above thresholds
PVC free	No
Silicon free	No

Use Longer

 Lifetime extension	
Repair	No

Use Again

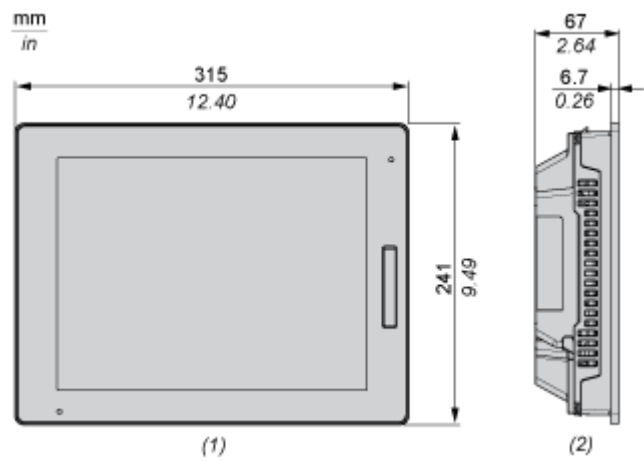
 Repack and remanufacture	
Recyclability potential, in %	58

Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

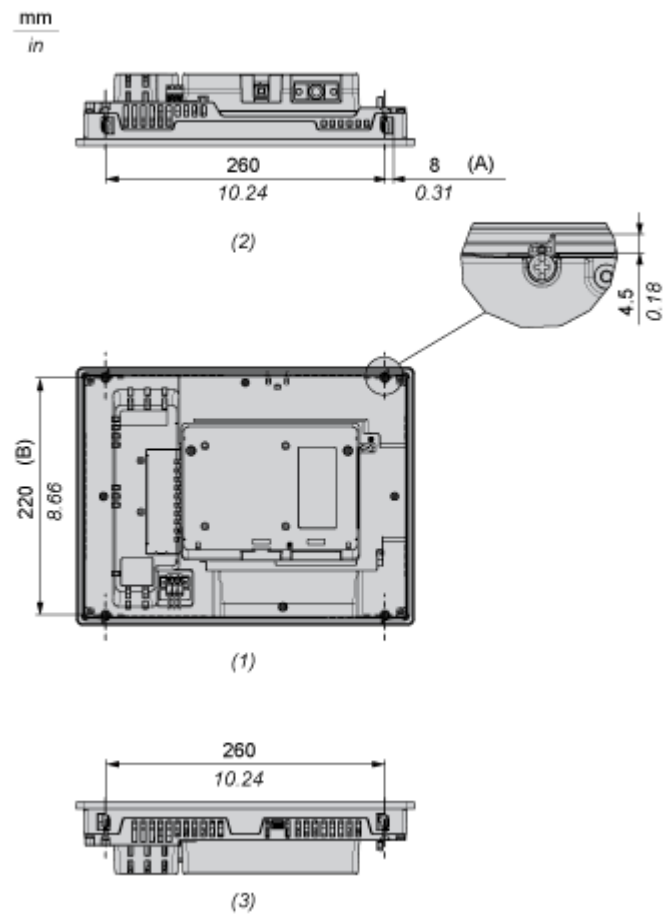
Dimensions

External Dimensions



- (1) Front
- (2) Left

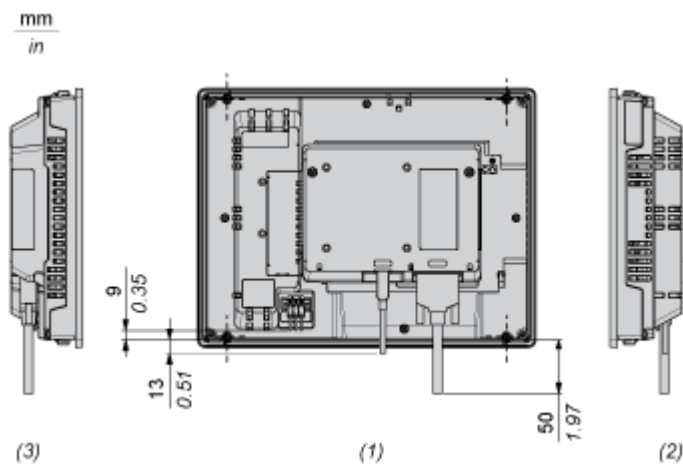
Installation with Installation Fasteners



- (A) Rotation area of the fastener

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

Dimensions with Cables

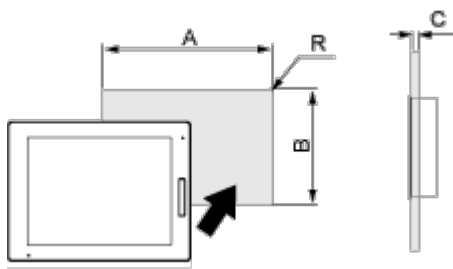


- (1) Rear
- (2) Right
- (3) Left

Mounting and Clearance

Mounting

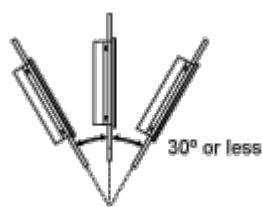
Panel Cut Dimensions



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

