Product data sheet
Characteristics

HMIDID64DTD1
industrial touchscreen display - 12" - Multi-touch screen - 24 Vdc

Main

Range of product	Magelis iDisplay
Product or component type	Flat screen
Terminal type	Touchscreen display
Device mounting	Flush
Integrated connection type	USB 2.0 type mini B (drivers up to Windows 8.1) USB 2.0 type A DVI-D video port

Complementary

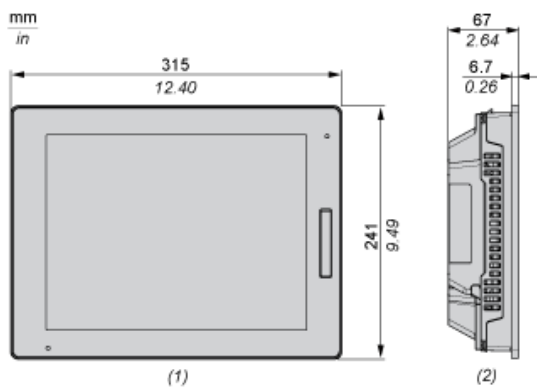|	
Provided equipment	1 USB cable mini B USB 2.0 1 cable USB type A of 5 m 1 cable DVI-D of 5 m
Function available	Brightness sensor
[Us] rated supply voltage	12...24 V DC power supply
Power consumption	17 W
Display size	12.1 inch
Display type	Colour TFT LCD
Display resolution	1024 x 768 pixels XGA
Display colour	16 million colours
Luminance	>= 400 cd/m² >= 100 cd/m²
Backlight lifespan	50000 hours
Touch panel	Multi touch analogue resistive, >= 1000000 cycles
Type of installation	Indoor installation
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm
Width	315 mm
Height	241 mm
Depth	67 mm
Product weight	3.9 kg

Environment

IP degree of protection	IP66f (front panel) conforming to UL 50E IP67f (front panel)
NEMA degree of protection	NEMA 4X/13 (front panel)
Standards	CSA C22.2 No 142 CSA C22.2 No 213 : class I division 2 ANSI/ISA 12-12-01 UL 508
Product certifications	CE RCM EAC
Ambient air temperature for operation	0...60 °C conforming to EN 61131-2, UL
Ambient air temperature for storage	-20...60 °C
Pollution degree	2
Vibration resistance	9.8 m/s² (f = 9...150 Hz) conforming to IEC 61131-2 3.5 mm constant amplitude (f = 5...9 Hz) conforming to IEC 61131-2
Shock resistance	147 m/s² conforming to EN/IEC 61131-2

Offer Sustainability

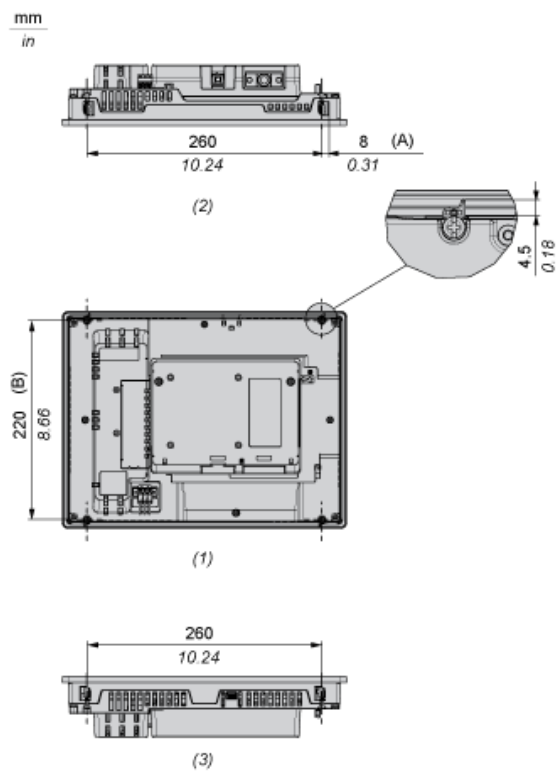|	
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1441 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

Schneider Electric

Dimensions
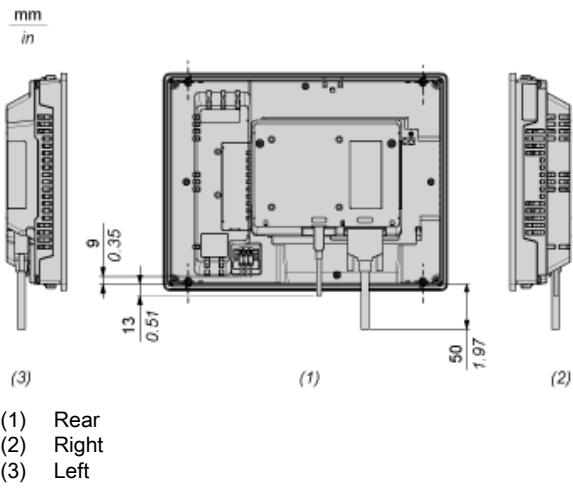
External Dimensions

mm / in

(1) Front
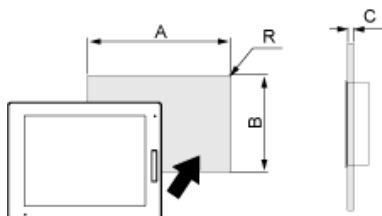(2) Left

Installation with Installation Fasteners

mm / in

(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
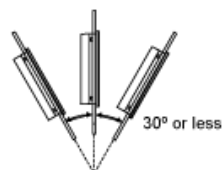(2)   Right
(3)   Left

Schneider
Electric

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

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