

Product data sheet

Specifications



12.1 Industrial FPM, Harmony FP6,
XGA, 16M colors, Analog Multi
Touch (2 points), Front USB A/
micro-B, DVI, USB Type B, 24V DC

HMIFP6600TMD

Main

Range of product	Harmony FP6
Product or component type	Touch panel screen

Complementary

Display size	12.1 inch
Aspect ratio	4:3
Display resolution	1024 x 768 pixels XGA
Display colour	16 million colours
Pixel resolution	1024 x 768
Backlight lifespan	50000 hours at 25 °C
[Us] rated supply voltage	24 V DC
Integrated connection type	DVI-D video port USB type B USB 2.0 USB type A USB 2.0 - 1.5 Mbit/s
Inrush current	30 A
Power consumption in W	17.6 W
Type of cooling	Natural
Device mounting	Panel mounting Direct mounting VESA
Display type	LED
Touch panel	Multi touch analogue resistive
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm
Width	315 mm
Depth	67.5 mm
Height	241 mm
Product weight	3.6 kg

Environment

IP degree of protection	IP66f IP67f Type 1 Type 4X Type 12 Type 13
Ambient air temperature for operation	0...55 °C

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

Pollution degree	2
Vibration resistance	1 gn (f = 5...9 Hz) - single amplitude - conforming to IEC 61131-2 1 gn (f = 9...150 Hz) - fixed amplitude - conforming to IEC 61131-2 1 gn - X, Y, Z directions for 10 cycles (approx. 100 min) - conforming to IEC 61131-2
Standards	CE FCC part 15 UL 61010-2-201 CSA C22.2 No 61010-2-201
Product certifications	RCM KC UKCA DNV (except 22" wide display) ATEX zone 2 ATEX zone 22 dust CULus Class 1 Division 2 IECEEx zone 2 (DC model, front USB cover must be locked with screw) IECEEx zone 22 (DC model, front USB cover must be locked with screw)
Ambient air temperature for storage	-20...60 °C
Operating altitude	2000 m
Shock resistance	147 m/s ² conforming to IEC 61131-2 147 m/s ² 3 shocks in each direction X, Y and Z
Electromagnetic compatibility	Electrostatic discharge immunity test 6 kV contact discharge conforming to IEC 61000-4-2 level 3 Electrostatic discharge immunity test 8 kV air discharge conforming to IEC 61000-4-2 level 3 Electrical fast transient/burst immunity test 2 kV power ports conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test 1 kV signal ports conforming to IEC 61000-4-4

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15 cm
Package 1 Width	55 cm
Package 1 Length	82 cm
Package 1 Weight	3.03 kg

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	993
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
F-gas free	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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	3e485f57-089b-461f-87ef-eb75768c4245
REACH Regulation	REACH Declaration
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-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

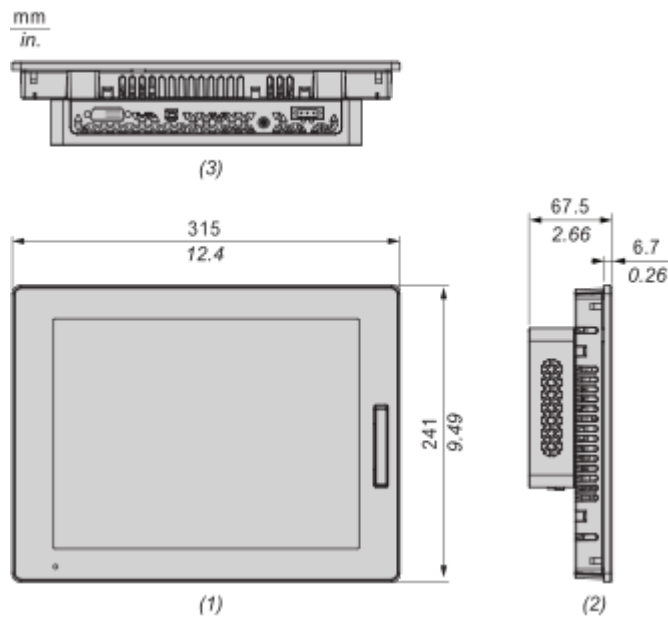
Use Again

Repack and remanufacture	
End of life manual availability	End of Life Information
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

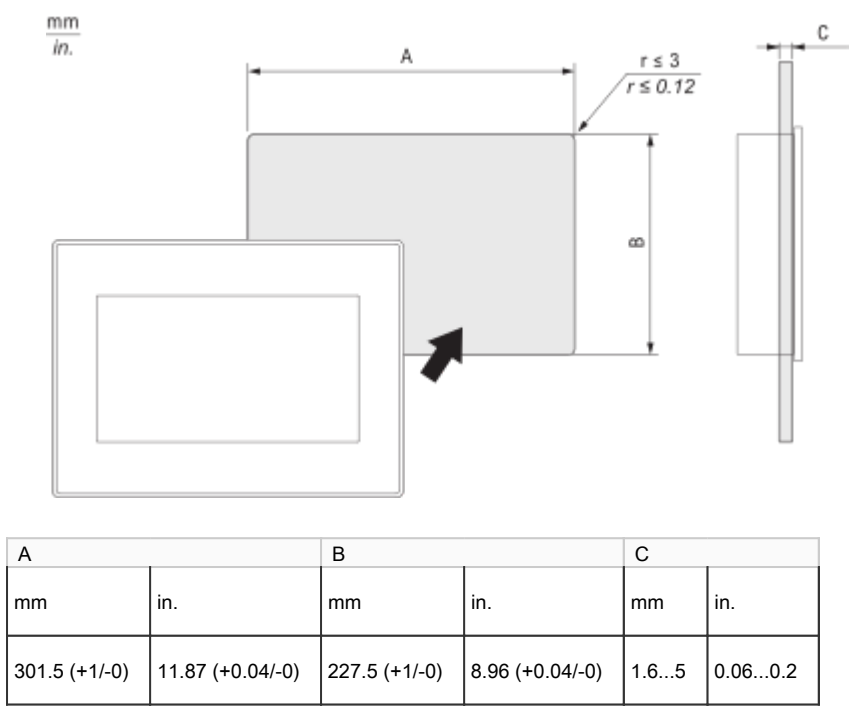


- (1): Front
- (2): Left
- (3): Bottom

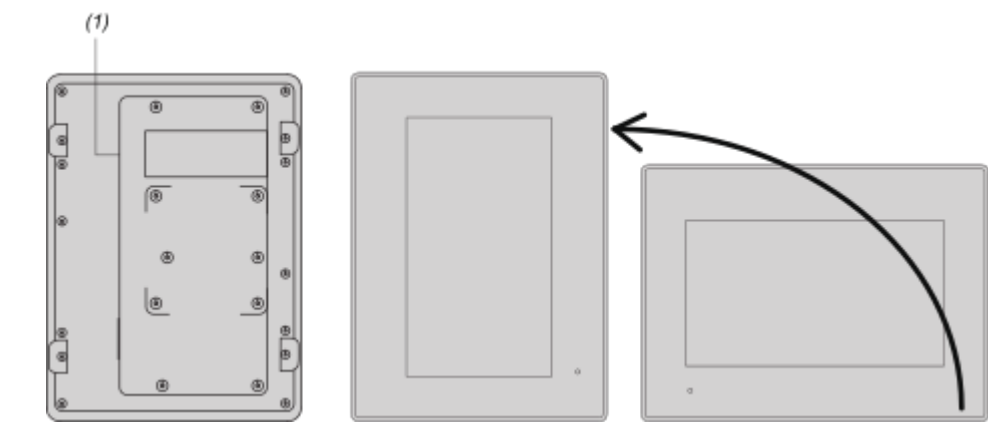
Connections and Schema

Mounting

Panel Cut Dimension



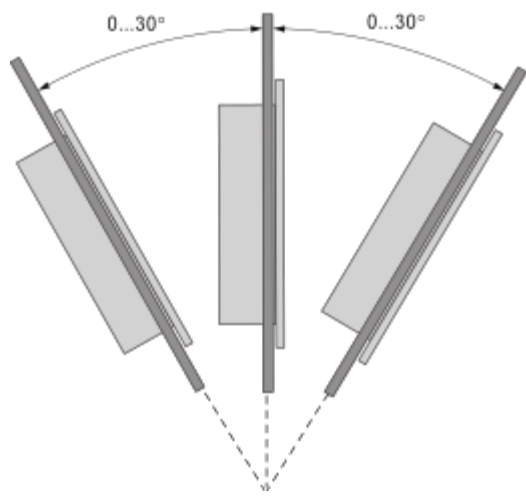
Mounting Orientation



(1): Power connector

Note: For portrait orientation mounting, make sure the screen editing software supports the function.

Mounting Angle



Clearance

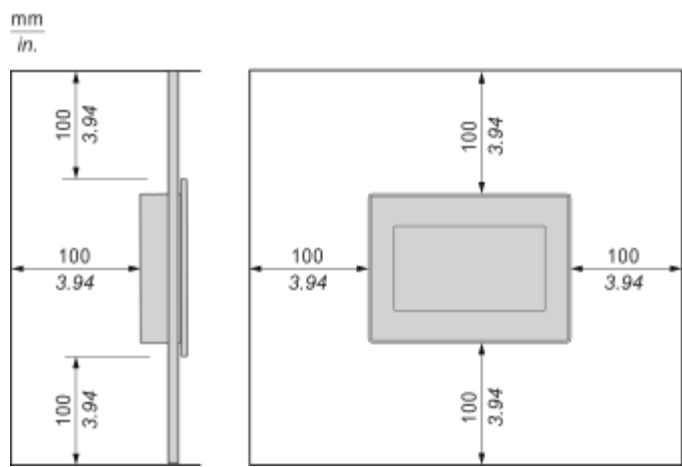


Image of product / Alternate images

Alternative







