

Product data sheet

Characteristics

HMIFP6600TMD

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



Main

Range of product	Harmony FP6
Product or component type	Touch panel screen
Operating system	Windows 10 (version 1809)

Complementary

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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	CE FCC part 15 UL 61010-2-201 CSA C22.2 No 61010-2-201
Product certifications	RCM[RETURN]KC[RETURN]UKCA[RETURN]DNV (except 22" wide display) [RETURN]ATEX zone 2[RETURN]ATEX zone 22 dust[RETURN]CULus Class 1 Division 2[RETURN]IECEx zone 2 (DC model, front USB cover must be locked with screw)[RETURN]IECEx zone 22 (DC model, front USB cover must be locked with screw)
IP degree of protection	IP66f IP67f Type 1 Type 4X Type 12 Type 13
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-20...60 °C
Pollution degree	2
Operating altitude	2000 m
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
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

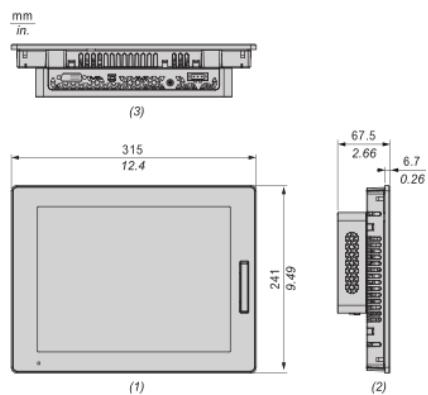
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15 cm
Package 1 Width	55 cm
Package 1 Length	82 cm
Package 1 Weight	3.03 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information

Dimensions

External Dimensions



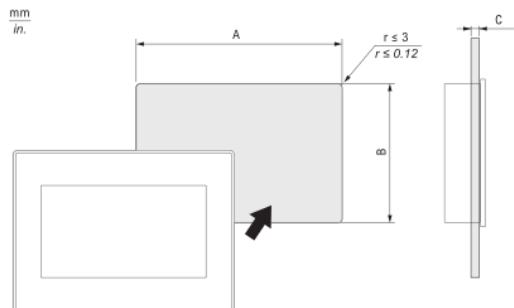
(1): Front

(2): Left

(3): Bottom

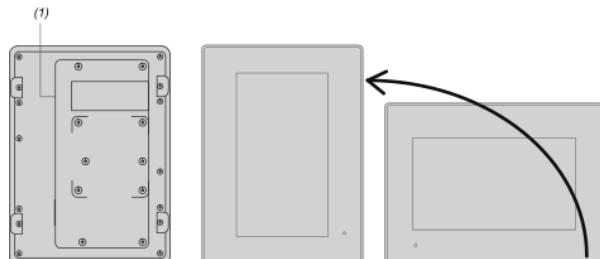
Mounting

Panel Cut Dimension



A		B		C	
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

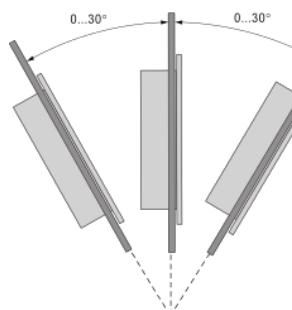
Mounting Orientation



(1): Power connector

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

Mounting Angle



Clearance

