Product datasheet

Specification





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

EAN Code: 3606481808196

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				

Environment

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				
	IECEx zone 2 (DC model, front USB cover must be locked with screw)				
	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				
	туре 13				
Ambient air temperature for operation	055 °C				
· · · · · · · · · · · · · · · · · · ·					
Ambient air temperature for storage	-2060 °C				
Pollution degree	2				
	2				
Operating altitude	2000 m				
Vibration resistance	1 gn (f = 59 Hz) - single amplitude - conforming to IEC 61131-2				
	1 gn (f = 9150 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				
	Tight At, 1, 2 directions for 10 dyclob (approx. 100 min) conforming to 120 0 110 12				
Shock resistance	147 m/s ² conforming to IEC 61131-2				
	147 m/s² 3 shocks in each direction X, Y and Z				
Electromographic competibility	Floring to the discharge in a section of the total OLM content discharge configurate to IFO				
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

Contractual warranty

Warranty 18 months



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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 >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

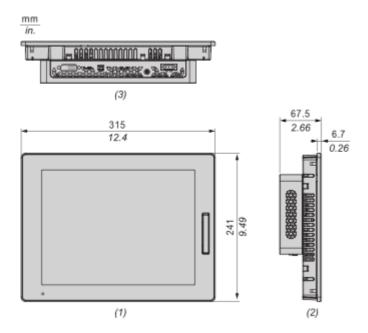
Certifications & Standards

Reach Regulation	REACh Declaration		
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)		
China Rohs Regulation	China RoHS declaration		
Environmental Disclosure	Product Environmental Profile		
Circularity Profile	End of Life Information		

Dimensions Drawings

Dimensions

External Dimensions



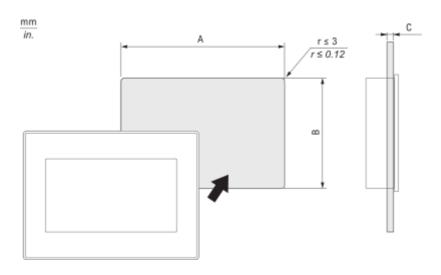
- (1): Front (2): Left
- (3): Bottom

HMIFP6600TMD

Connections and Schema

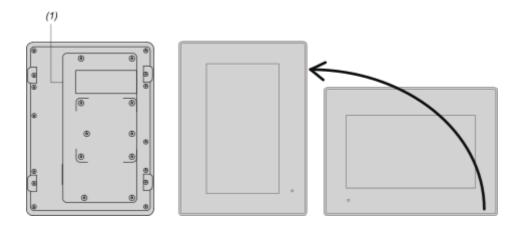
Mounting

Panel Cut Dimension



A		В		С	
mm	in.	mm	in.	mm	in.
301.5 (+1/-0)	11.87 (+0.04/-0)	227.5 (+1/-0)	8.96 (+0.04/-0)	1.65	0.060.2

Mounting Orientation

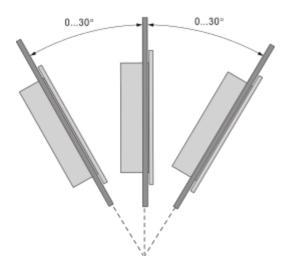


(1): Power connector

 $\textbf{Note:} \ \ \text{For portrait orientation mounting, make sure the screen editing software supports the function.}$

Mounting Angle

HMIFP6600TMD



Clearance

