

Product datasheet

Specifications



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

HMIFP6700TMD

EAN Code: 3606481808219

Main

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

Complementary

display size	15 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	22.4 W
Inrush current	30 A
Type of cooling	Natural
Device mounting	Panel mounting Direct mounting VESA
Cut-out dimensions	383.5 (+ 1/- 0) x 282.5 (+ 1/- 0) mm
Width	397 mm
Depth	67.5 mm
Height	296 mm
Net weight	4.9 kg

Environment

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

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
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	4.64 kg

Contractual warranty

Warranty	18 months
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Sustainability



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[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](#)

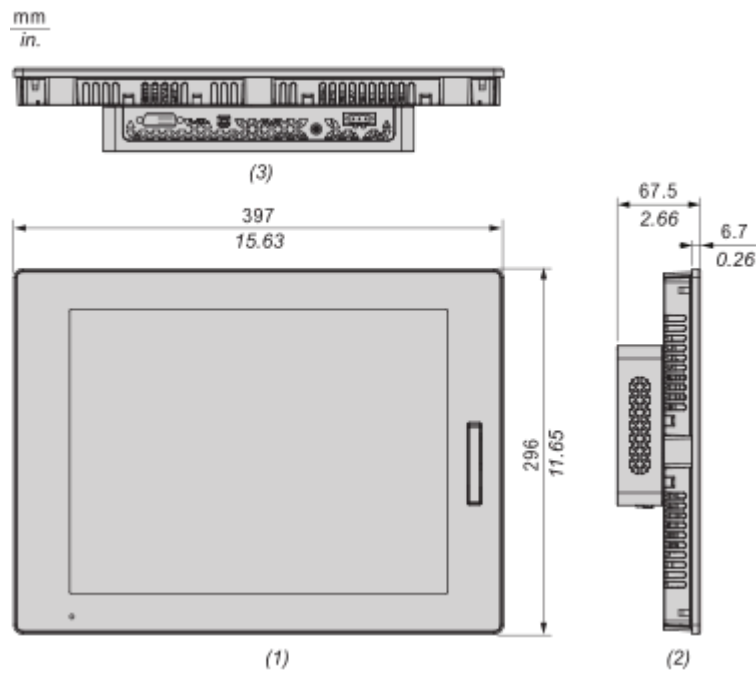
Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

Dimensions Drawings

Dimensions

External Dimensions

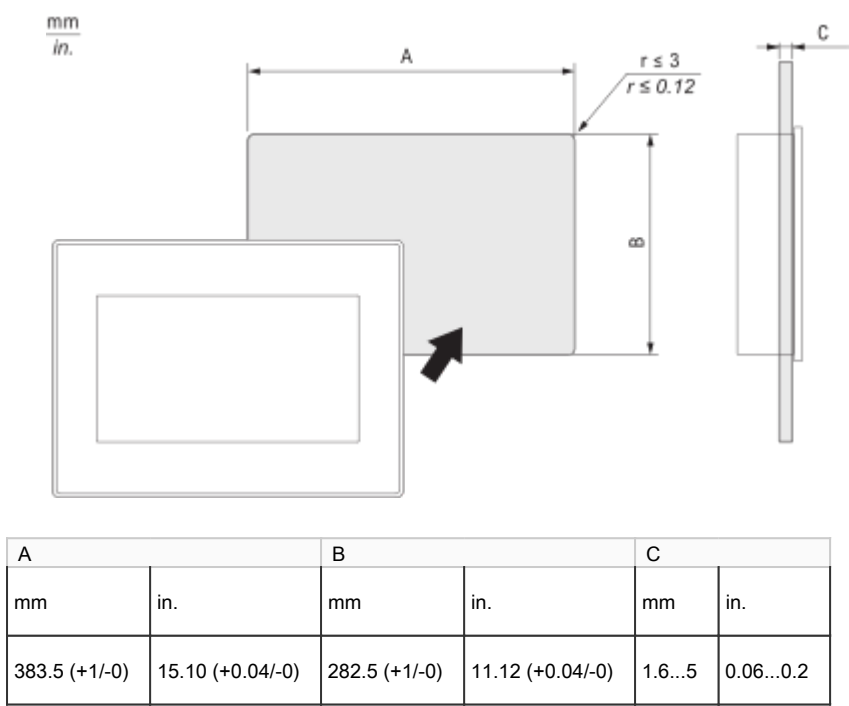


- (1): Front
- (2): Left
- (3): Bottom

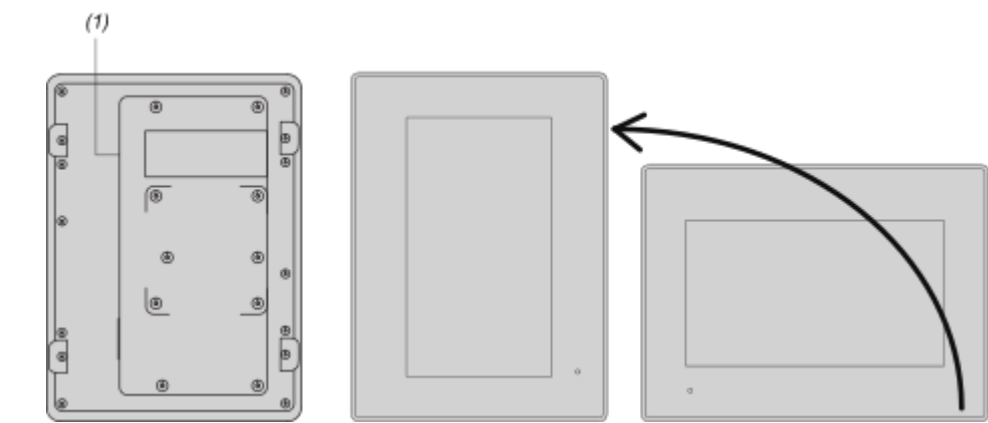
Connections and Schema

Mounting

Panel Cut Dimension



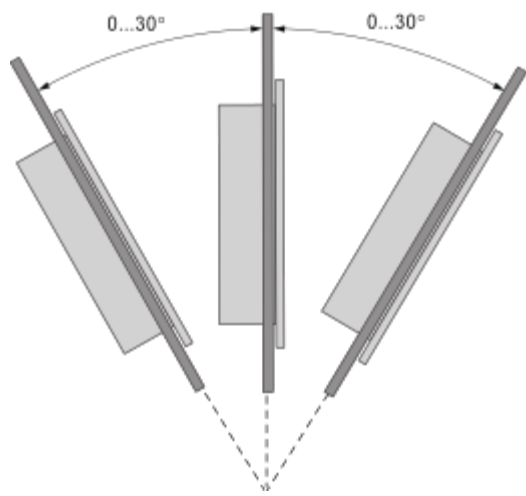
Mounting Orientation



(1): Power connector

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

Mounting Angle



Clearance

