

# Product datasheet

Specifications



15w Industrial FPM, Harmony FP6, FWXGA, 16M colors, PCAP Multi Touch (2 points) with optimized noise filter, DVI, USB Type B, 24V DC

HMIFP6700WCD

EAN Code : 3606481808271

## Main

Range of product	Harmony FP6
Product or component type	Touch panel screen
Operating system	Windows 10 IoT Enterprise (2019 LTSC) Windows 10 (version 1809)

## Complementary

Display size	15.6 inch
Aspect ratio	16:9
Display type	LED Colour TFT LCD
Display resolution	1366 x 768 pixels FWXGA
Display colour	16 million colours
Touch panel	Multi-touch projected capacitive technology (PCT)
Pixel resolution	1366 x 768
Backlight lifespan	50000 hours at 25 °C
Integrated connection type	DVI-D video port USB type B USB 2.0
[Us] rated supply voltage	24 V DC
Power consumption in W	20.0 W
Inrush current	30 A
Type of cooling	Natural
Device mounting	Panel mounting Direct mounting VESA
Cut-out dimensions	394 (+ 1/- 0) x 250 (+ 1/- 0) mm
Width	408 mm
Depth	67.5 mm
Height	264 mm
Net weight	5.3 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)
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
Relative humidity	10...90 % for without condensation
Pollution degree	2
Operating altitude	2000 m
Vibration resistance	1 gn (f = 5...9 Hz) - single amplitude - conforming to EN/IEC 61131-2 1 gn (f = 9...150 Hz) - fixed amplitude - conforming to EN/IEC 61131-2 1 gn - X, Y, Z directions for 10 cycles (approx. 100 min) - conforming to EN/IEC 61131-2
Shock resistance	147 m/s² conforming to EN/IEC 61131-2 147 m/s² 3 shocks in each direction X, Y and Z
Electromagnetic compatibility	Electrostatic discharge immunity test 6 kV contact discharge conforming to EN/IEC 61000-4-2 level 3 Electrostatic discharge immunity test 8 kV air discharge conforming to EN/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	4.68 kg

Offer Sustainability

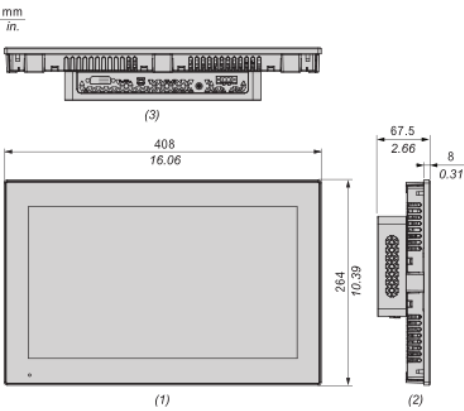
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	<a href="#">Yes</a>

Contractual warranty

Warranty	18 months
----------	-----------

Dimensions

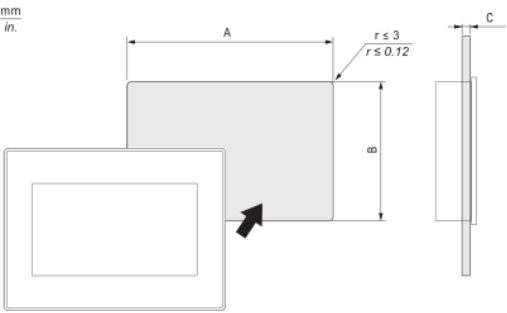
External Dimensions



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

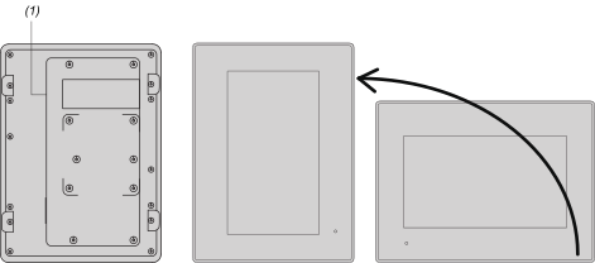
Mounting

Panel Cut Dimension



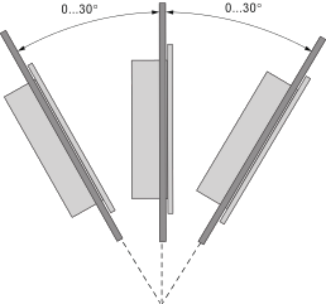
A		B		C	
mm	in.	mm	in.	mm	in.
394 (+1, -0)	15.51 (+0.04, -0)	250 (+1, -0)	9.84 (+0.04, -0)	1.6...5	0.06...0.2

Mounting Orientation

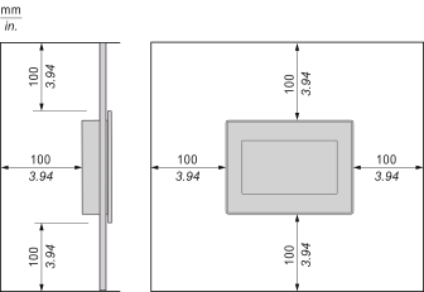


(1): Power connector
Note: For portrait orientation mounting, make sure the screen editing software supports the function.

Mounting Angle



Clearance



Recommended replacement(s)