

# HMIFP6800WCD

19w Industrial FPM, Harmony FP6, Full HD, 16M colors, PCAP Multi Touch (2 points) with optimized noise filter, 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	18.5 inch
Aspect ratio	16:9
Display type	LED Colour TFT LCD
Display resolution	1920 x 1080 pixels full HD
Display colour	16 million colours
Touch panel	Multi-touch projected capacitive technology (PCT)
Pixel resolution	1920 x 1080
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	30.6 W
Inrush current	30 A
Type of cooling	Natural
Device mounting	Panel mounting Direct mounting VESA
Cut-out dimensions	449.5 (+ 1/- 0) x 279.5 (+ 1/- 0) mm
Width	463.6 mm
Depth	69.5 mm
Height	293.6 mm
Net weight	6.3 kg

## 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]IECEEx zone 2 (DC model, front USB cover must be locked with screw)[RETURN]IECEEx 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 <sup>2</sup> conforming to IEC 61131-2 147 m/s <sup>2</sup> 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

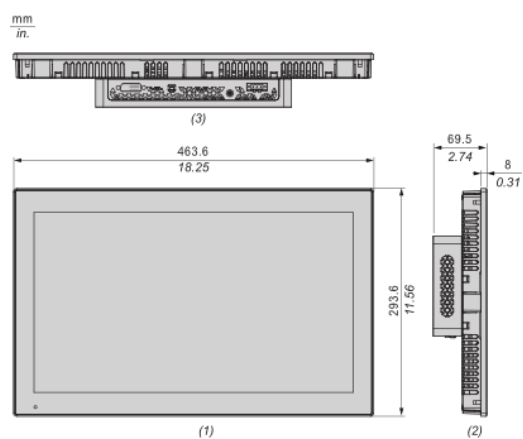
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15 cm
Package 1 Width	55 cm
Package 1 Length	82 cm
Package 1 Weight	5.98 kg

## Offer Sustainability

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

## Dimensions

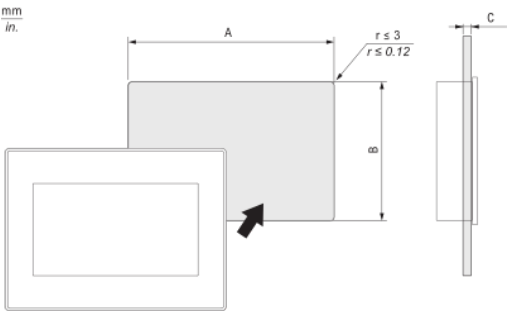
### External Dimensions



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

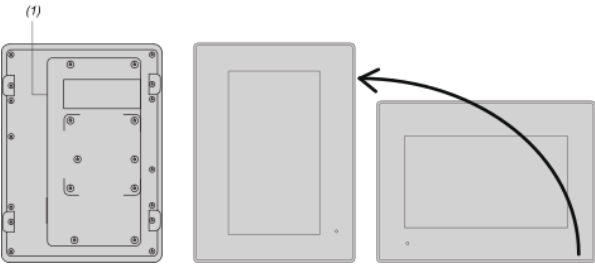
Mounting

Panel Cut Dimension



A		B		C	
mm	in.	mm	in.	mm	in.
449.5 (+1, -0)	17.7 (+0.04, -0)	279.5 (+1, -0)	11.0 (+0.04, -0)	1.6...5	0.06...0.2

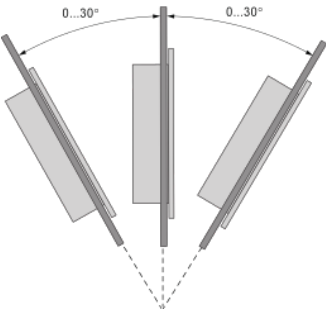
Mounting Orientation



(1): Power connector

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

Mounting Angle



Clearance

