

19w Industrial FPM, Harmony FP6, Full HD, 16M colors, PCAP Multi Touch (2 points) with optimized noise filter, DVI, USB Type B, 24V DC

HMIFP6800WCD

EAN Code: 3606481808295

Main

Range of product	Harmony FP6
Product or component type	Touch panel screen

Complementary

Display size	18.5 inch			
Aspect ratio	16:9			
Display resolution	1920 x 1080 pixels full HD			
Display colour	16 million colours			
Pixel resolution	1920 x 1080			
Backlight lifespan	50000 hours at 25 °C			
[Us] rated supply voltage	24 V DC			
Integrated connection type	DVI-D video port USB type B USB 2.0			
Inrush current	30 A			
Power consumption in W	30.6 W			
Type of cooling	Natural			
Device mounting	Panel mounting Direct mounting VESA			
Display type	LED			
Touch panel	Multi-touch projected capactive technology (PCT)			
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

IP degree of protection	IP66f	
	IP67f	
	Type 1	
	Type 4X	
	Type 12	
	Type 13	

Ambient air temperature for 055 °C operation					
Pollution degree	2				
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				
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				
Ambient air temperature for storage	-2060 °C				
Operating altitude	2000 m				
Shock resistance	147 m/s² conforming to 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 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

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	1729
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	3e485f57-089b-461f-87ef-eb75768c4245
REACh Regulation	REACh Declaration

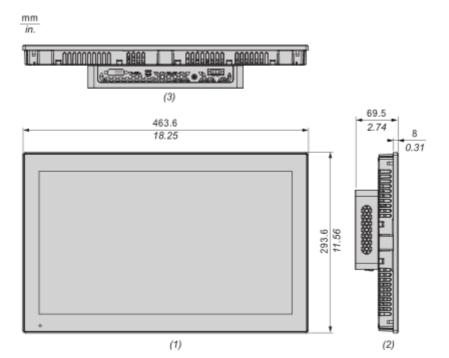
Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

External Dimensions



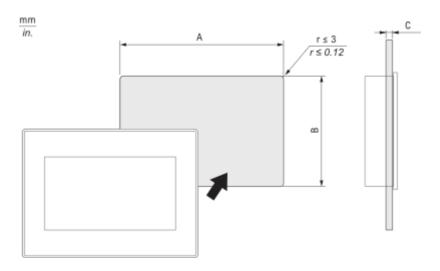
- (1): Front
- (2): Left
- (3): Bottom

HMIFP6800WCD

Connections and Schema

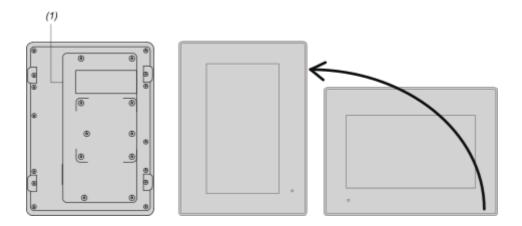
Mounting

Panel Cut Dimension



A		В		С	
mm	in.	mm in.		mm	in.
449.5 (+1, -0)	17.7 (+0.04, -0)	279.5 (+1, -0)	11.0 (+0.04, -0)	1.65	0.060.2

Mounting Orientation

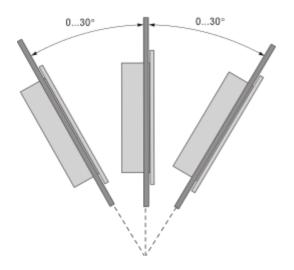


(1): Power connector

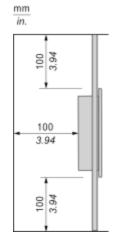
 $\textbf{Note:} \ \ \text{For portrait orientation mounting, make sure the screen editing software supports the function.}$

Mounting Angle

HMIFP6800WCD



Clearance



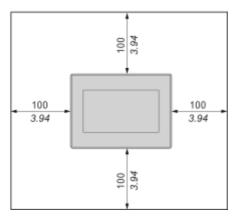


Image of product / Alternate images

Alternative









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