

Product data sheet

Specifications



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

Product availability: Stock - Normally stocked in distribution facility

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 77 °F (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 capacitive technology (PCT)
Cut-out dimensions	449.5 (+ 1/- 0) x 279.5 (+ 1/- 0) mm
Width	18.3 in (463.6 mm)
Depth	2.7 in (69.5 mm)
Height	11.6 in (293.6 mm)
Net Weight	13.9 lb(US) (6.3 kg)

Environment

IP degree of protection	IP66f IP67f Type 1 Type 4X Type 12 Type 13
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Ambient air temperature for operation	32...131 °F (0...55 °C)
Pollution degree	2
Vibration resistance	1 gn 5...9 Hz) - single amplitude - IEC 61131-2 1 gn 9...150 Hz) - fixed amplitude - IEC 61131-2 1 gn - X, Y, Z directions for 10 cycles (approx. 100 min) - 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	-4...140 °F (-20...60 °C)
Operating altitude	6561.68 ft (2000 m)
Shock resistance	147 m/s² 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 IEC 61000-4-2 level 3 Electrostatic discharge immunity test 8 kV air discharge IEC 61000-4-2 level 3 Electrical fast transient/burst immunity test 2 kV power ports IEC 61000-4-4 Electrical fast transient/burst immunity test 1 kV signal ports IEC 61000-4-4

Ordering and shipping details

Category	US10MC322575
Discount Schedule	0MC3
GTIN	3606481808295
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.91 in (15 cm)
Package 1 Width	21.65 in (55 cm)
Package 1 Length	32.28 in (82 cm)
Package weight(Lbs)	13.18 lb(US) (5.98 kg)

Environmental Data

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 CO2 eq, Total Life cycle)	1729
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
F-gas usage performance	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	3e485f57-089b-461f-87ef-eb75768c4245
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

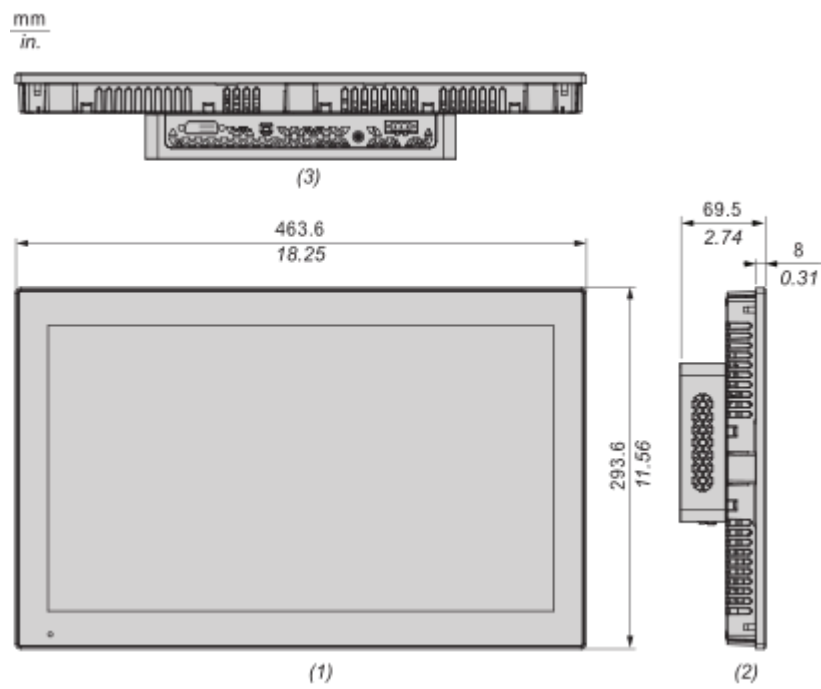
Use Again

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

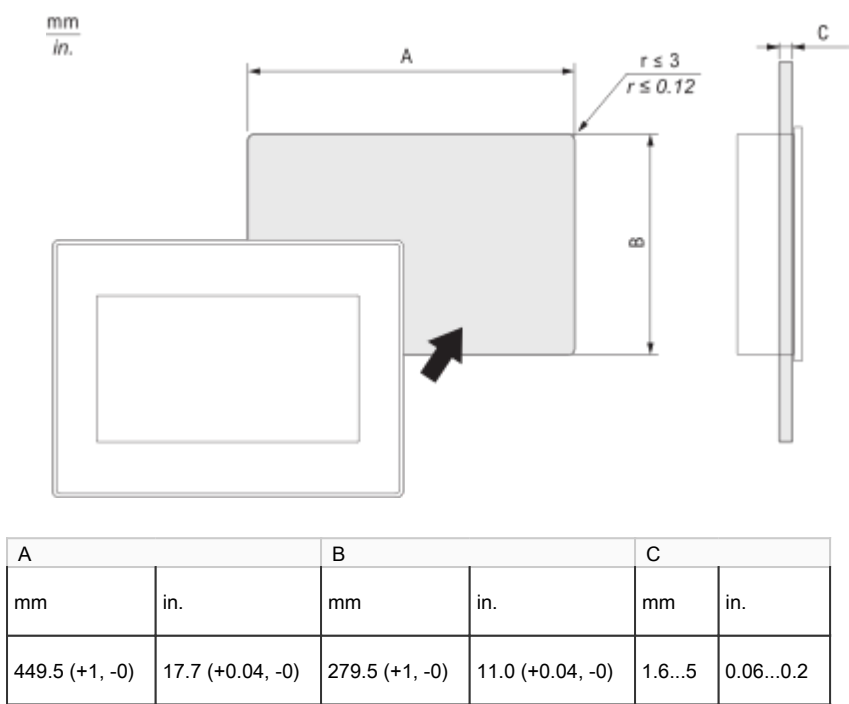


- (1): Front
(2): Left
(3): Bottom

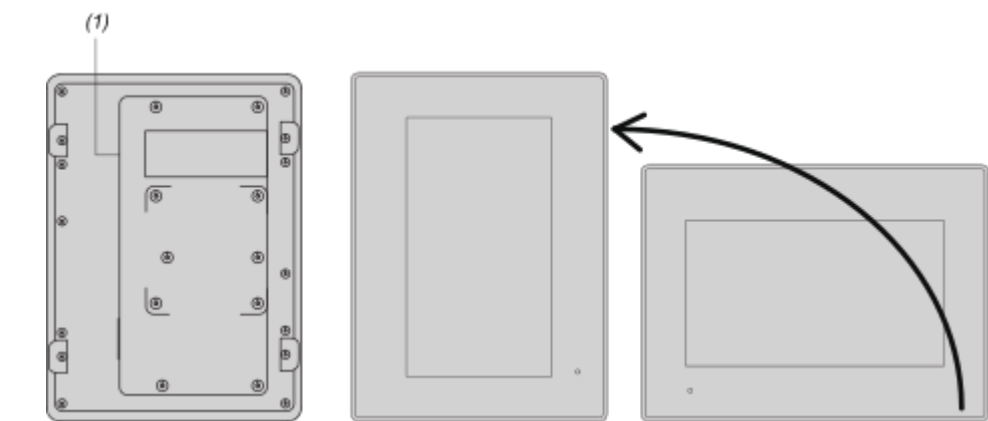
Connections and Schema

Mounting

Panel Cut Dimension



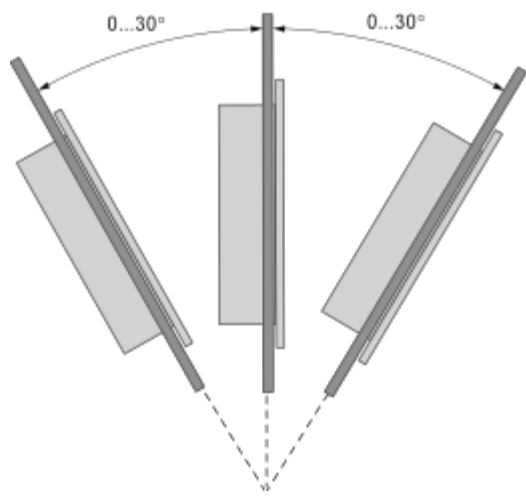
Mounting Orientation



(1): Power connector

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

Mounting Angle



Clearance

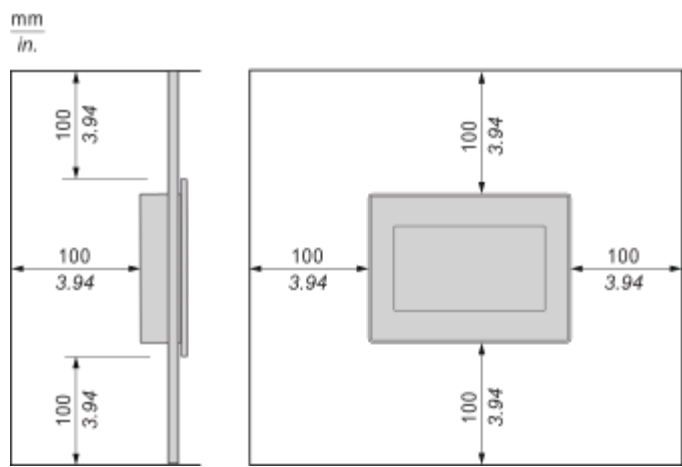


Image of product / Alternate images

Alternative

