Product data sheet

Specifications



22w Industrial FPM, Harmony FP6, Full HD, 16M colors, PCAP Multi Touch (2 points) with optimized noise filter, DVI, USB Type B, 24V DC

HMIFP6900WCD

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony FP6
Product or Component Type	Touch panel screen

Complementary

Display size	21.5 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	31.8 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	518.5 (+ 1/- 0) x 316.5 (+ 1/- 0) mm
Width	21.0 in (532.6 mm)
Depth	2.7 in (69.5 mm)
Height	13.02 in (330.6 mm)
Product Weight	17.6 lb(US) (8.0 kg)

Environment

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

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 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 (DC model, front USB cover must be locked with screw)
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	3606481808318
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	19.882 in (50.500 cm)
Package 1 Width	27.756 in (70.500 cm)
Package 1 Length	5.906 in (15.000 cm)
Package weight(Lbs)	47.223 lb(US) (21.420 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	7
Package 2 Height	35.433 in (90.000 cm)
Package 2 Width	31.496 in (80.000 cm)
Package 2 Length	47.244 in (120.000 cm)
Package 2 Weight	330.694 lb(US) (150.000 kg)

Contractual warranty

Warranty (in months)	18

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

Total lifecycle Carbon footprint	**1 887 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**485 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**2 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**1 391 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**9 kg CO2 eq.**
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	**No**
SCIP Number	**3e485f57-089b-461f-87ef-eb75768c4245**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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**
Halogen content performance	**Product contains halogen above thresholds**
PVC free	**No**
Silicon free	**No**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

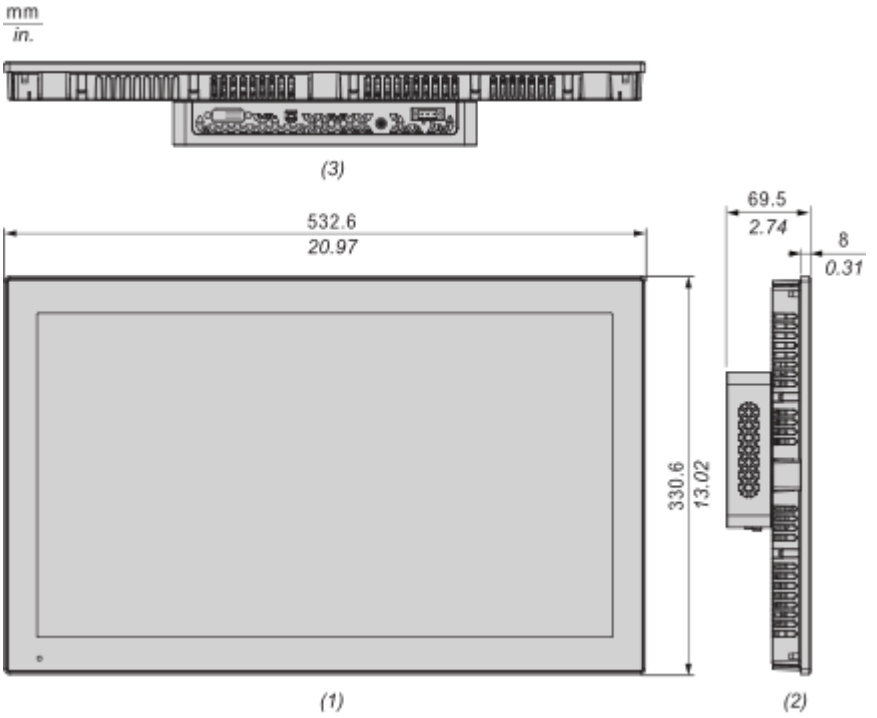
Recyclability potential, in %	**55**

Circularity Profile	End of Life Information
Take-back	No
WEEE Label	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

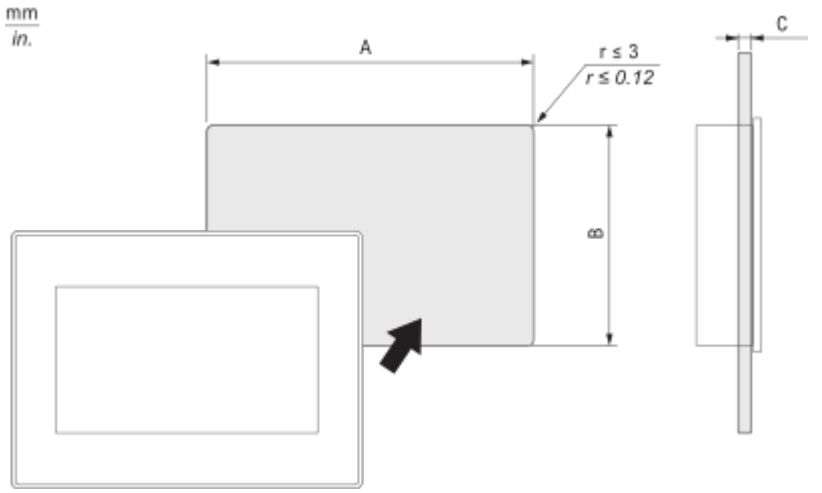


(1): Front
(2): Left
(3): Bottom

Connections and Schema

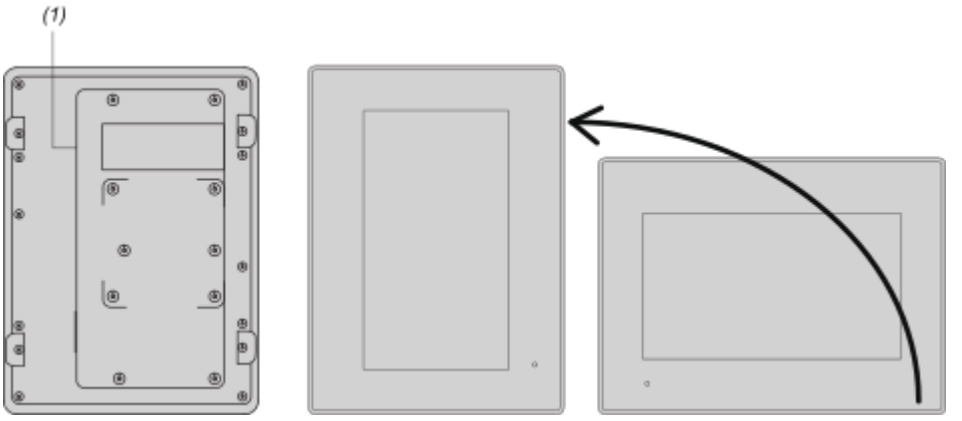
Mounting

Panel Cut Dimension



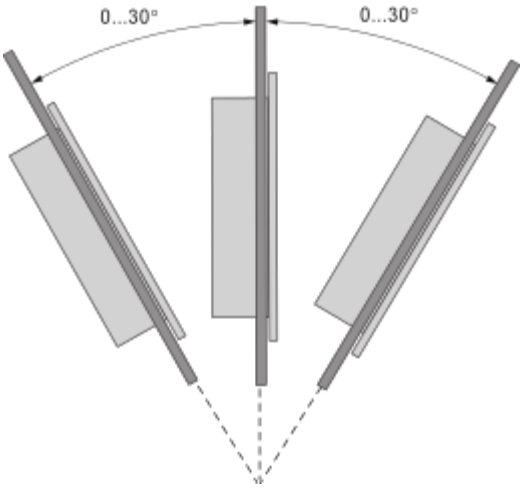
A		B		C	
mm	in.	mm	in.	mm	in.
518.5 (+1, -0)	20.41 (+0.04, -0)	316.5 (+1, -0)	12.46 (+0.04, -0)	1.6...5	0.06...0.2

Mounting Orientation

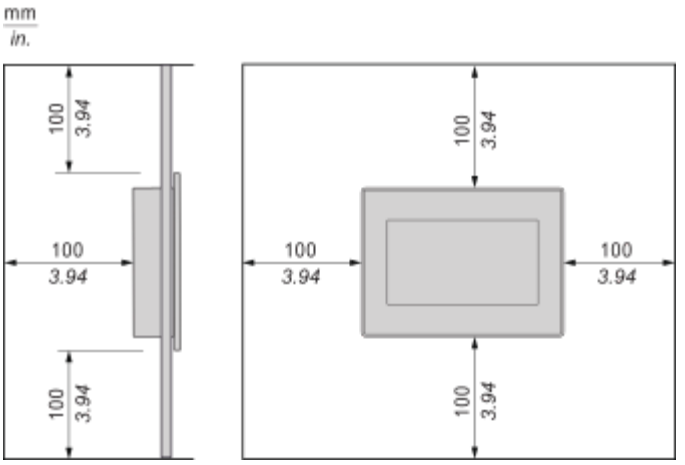


(1): Power connector
Note: For portrait orientation mounting, make sure the screen editing software supports the function.

Mounting Angle


0...30°
0...30°

Clearance


mm
in.
100
3.94
100
3.94
100
3.94
100
3.94
100
3.94
100
3.94
100
3.94

Technical Illustration

Dimensions

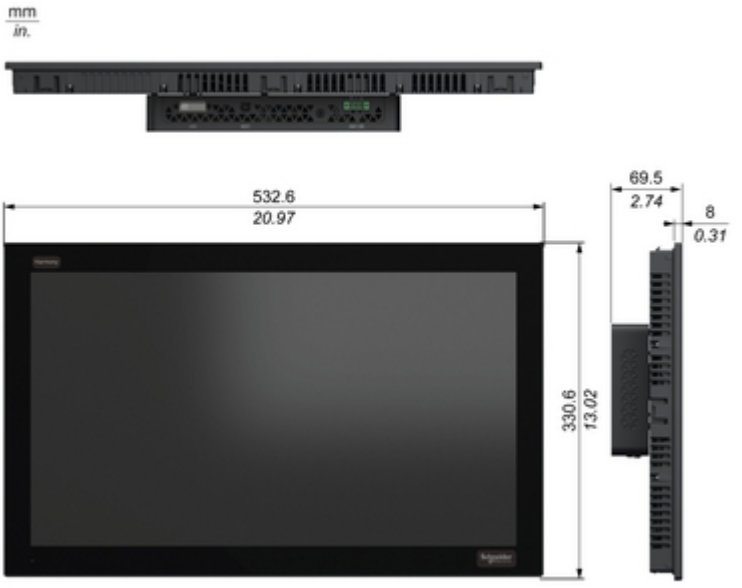


Image of product / Alternate images

Alternative












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