

# Product data sheet

Specifications



10w Industrial FPM, Harmony FP6, WXGA, 16M colors, PCAP Multi Touch (2 points) with optimized noise filter, DVI, USB Type B, 24V DC

HMIFP6500WCD

**Product availability:** Non-Stock - Not normally stocked in distribution facility

## Main

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

## Complementary

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| Display size               | 10.1 inch                                         |
| Aspect ratio               | 16:9                                              |
| Display Resolution         | 1280 x 800 pixels WXGA                            |
| Display colour             | 16 million colours                                |
| Pixel resolution           | 1280 x 800                                        |
| Backlight lifespan         | 50000 hours at 77 °F (25 °C)                      |
| [Us] rated supply voltage  | 24 V DC                                           |
| Integrated connection type | DVI-D video port<br>USB type B USB 2.0            |
| Inrush current             | 30 A                                              |
| Power consumption in W     | 12.4 W                                            |
| Type of cooling            | Natural                                           |
| Device mounting            | Panel mounting<br>Direct mounting VESA            |
| Display type               | LED                                               |
| Touch panel                | Multi-touch projected capacitive technology (PCT) |
| Cut-out dimensions         | 255 (+ 1/- 0) x 185 (+ 1/- 0) mm                  |
| Width                      | 10.6 in (268.5 mm)                                |
| Depth                      | 2.7 in (67.5 mm)                                  |
| Height                     | 7.8 in (198.5 mm)                                 |
| Product Weight             | 7.05 lb(US) (3.2 kg)                              |

## Environment

|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| IP degree of protection | IP66f<br>IP67f<br>Type 1<br>Type 4X<br>Type 12<br>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<br>1 gn 9...150 Hz) - fixed amplitude - IEC 61131-2<br>1 gn - X, Y, Z directions for 10 cycles (approx. 100 min) - IEC 61131-2                                                                                                                                                        |
| Standards                             | CE<br>FCC part 15<br>UL 61010-2-201<br>CSA C22.2 No 61010-2-201                                                                                                                                                                                                                                                                       |
| Product certifications                | RCM<br>KC<br>UKCA<br>DNV (except 22" wide display)<br>ATEX zone 2<br>ATEX zone 22 dust<br>CULus Class 1 Division 2<br>IECEX zone 2 (DC model, front USB cover must be locked with screw)<br>IECEX zone 22 (DC model, front USB cover must be locked with screw)                                                                       |
| Ambient air temperature for storage   | -4...140 °F (-20...60 °C)                                                                                                                                                                                                                                                                                                             |
| Relative humidity                     | 10...90 % without condensation                                                                                                                                                                                                                                                                                                        |
| Operating altitude                    | 6561.68 ft (2000 m)                                                                                                                                                                                                                                                                                                                   |
| Shock resistance                      | 147 m/s² IEC 61131-2<br>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<br>Electrostatic discharge immunity test 8 kV air discharge IEC 61000-4-2 level 3<br>Electrical fast transient/burst immunity test 2 kV power ports IEC 61000-4-4<br>Electrical fast transient/burst immunity test 1 kV signal ports IEC 61000-4-4 |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10MC322575  |
| Discount Schedule | 0MC3          |
| GTIN              | 3606481808233 |
| Returnability     | No            |
| Country of origin | US            |

## Packing Units

|                        |                       |
|------------------------|-----------------------|
| Unit Type of Package 1 | PCE                   |
| Nbr. of units in pkg.  | 1                     |
| Package 1 Height       | 5.9 in (15 cm)        |
| Package 1 Width        | 21.7 in (55 cm)       |
| Package 1 Length       | 32.3 in (82 cm)       |
| Package weight(Lbs)    | 5.40 lb(US) (2.45 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                       | 741 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 194 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0.5 kg CO2 eq.                                |
| Carbon footprint of the installation phase [A5]        | 0.9 kg CO2 eq.                                |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 542 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 3 kg CO2 eq.                                  |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## 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                      | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                      |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                      |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| 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

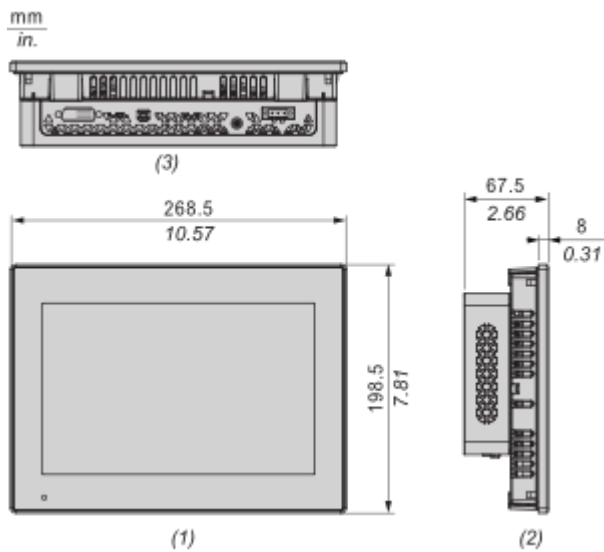
|                               |    |
|-------------------------------|----|
| Recyclability potential, in % | 55 |
|-------------------------------|----|

|            |                                                                                                                                                                                                                |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

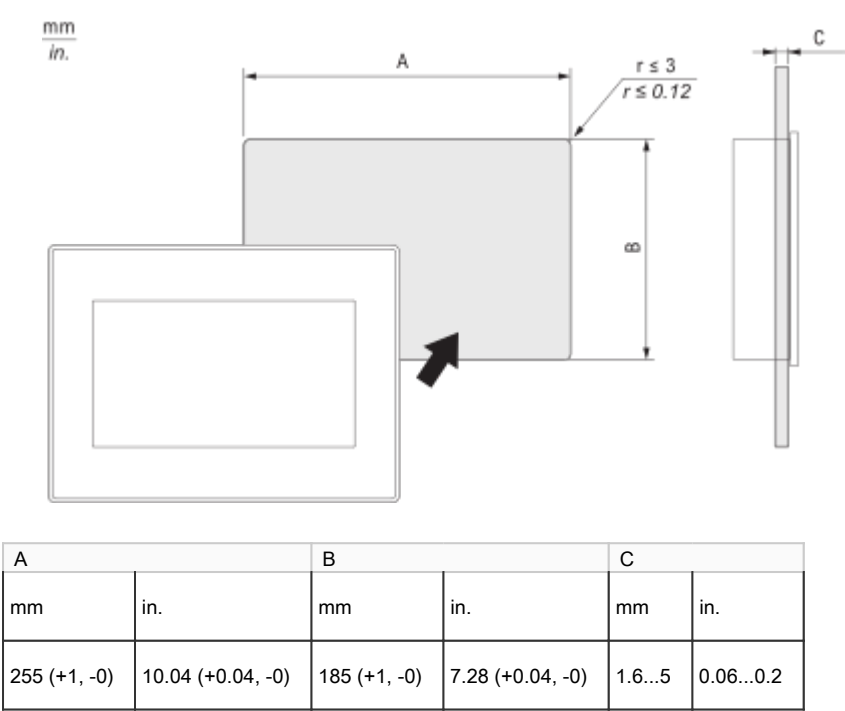


- (1): Front
- (2): Left
- (3): Bottom

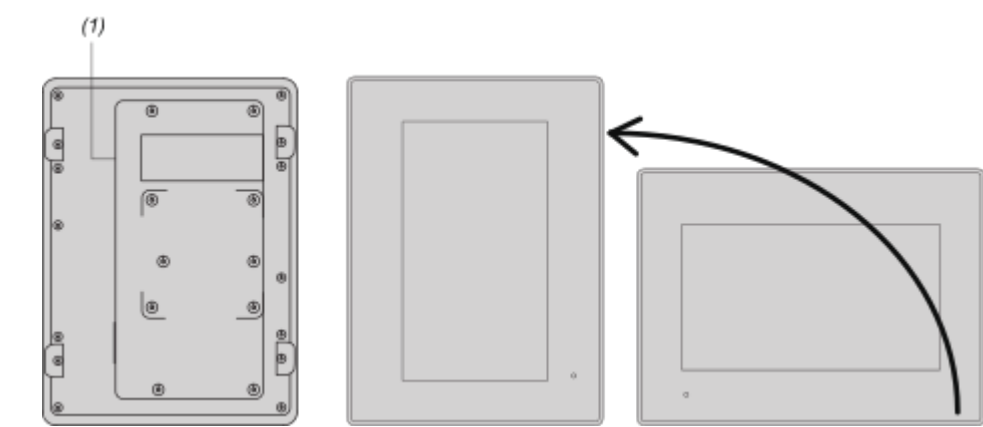
Connections and Schema

Mounting

Panel Cut Dimension



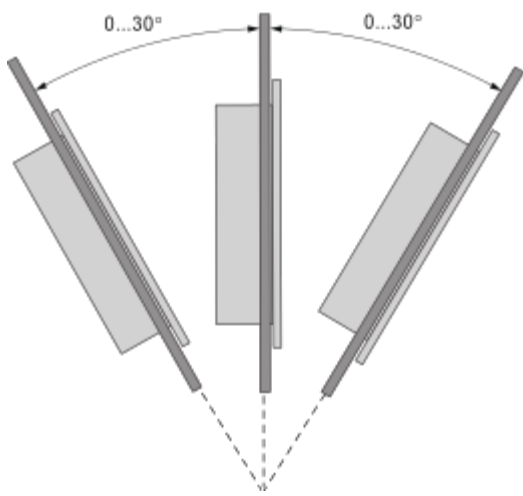
Mounting Orientation



(1): Power connector

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

Mounting Angle



Clearance

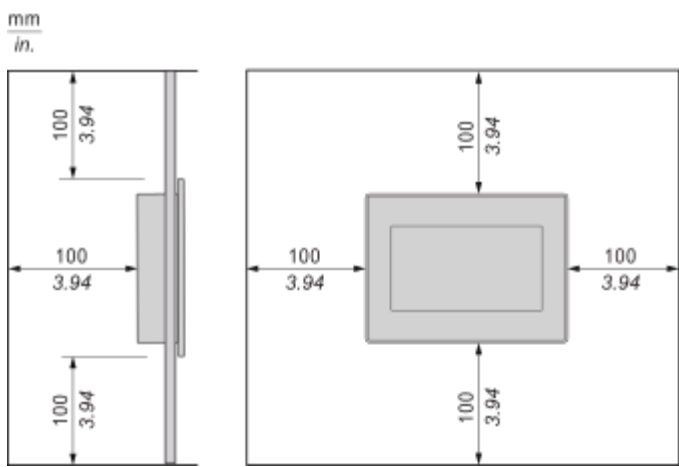


Image of product / Alternate images

Alternative

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