

Product data sheet

Characteristics

PFXSTW6200WAD

4" W touch panel display, 1COM, 2Ethernet, USB host&device, 24VDC



Main

| | |
|---------------------------|--------------------|
| Range of product | Pro-face STW6000 |
| Product or component type | Touch panel screen |

Complementary

| | |
|--------------------------------|----------------------------------------------------------------------------------------------|
| Display size | 4 inch |
| Display type | Colour TFT LCD |
| Display colour | 16 million colours |
| Display resolution | 480 x 272 pixels |
| Touch panel | Single touch analogue resistive |
| Backlight lifespan | 50000 hours with white |
| Brightness | 16 levels via touch panel |
| [Us] rated supply voltage | 24 V DC |
| Inrush current | 30 A |
| Input voltage limits | 19.2...28.8 V DC |
| Allowable voltage drop time | 2 ms |
| Voltage endurance | 1000 V AC during 1 min |
| Maximum power consumption in W | 6.9 W 3.6 W when power is not supplied to external devices 2.8 W when backlight is OFF |
| Integrated connection type | USB 2.0 type A 1 Ethernet TCP/IP female RJ45 10BASE-T/100BASE-TX |
| Electrical connection | Cable 2 mm ² , AWG 14, max resistance 100 Ohm for functional grounding |
| Type of cooling | AN (air natural) |
| Cut-out dimensions | 118.5 x 92.5 mm |
| Height | 108.5 mm |
| Width | 134.5 mm |
| Depth | 43 mm |
| Net weight | 0.4 kg |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards | IEC 61000-6-4 IEC 61000-6-2 IEC 61131-2 UL 61010-2-201 CSA C22.2 No 61010-2-201 KN 11 KN 61000-6-2 |
| Product certifications | CE[RETURN]EAC[RETURN]UL/cUL listed[RETURN]IC[RETURN]RCM[RETURN]UKCA |
| Directives | 2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive |
| Ambient air temperature for operation | 0...50 °C |
| Ambient air temperature for storage | -20...60 °C |
| Operating altitude | 2000 m |
| IP degree of protection | IP65f (front panel) conforming to IEC 61131-2 |
| NEMA degree of protection | NEMA 4X front panel (indoor use) NEMA Type 1 NEMA 13 front panel (in enclosure) |
| Pollution degree | 2 |
| Environmental characteristic | Corrosive gas free |
| Shock resistance | 147 m/s ² (X, Y, Z directions for 3 times) conforming to IEC 61131-2 |
| Vibration resistance | 3.5 mm (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 61131-2 9.8 m/s ² (f = 9...150 Hz) |
| Insulation resistance | >= 10 MΩ |
| Electromagnetic compatibility | Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: 1 kV (signal ports) conforming to IEC 61000-4-4 Electrostatic discharge immunity test - test level: 6 kV level 3 (contact discharge) conforming to IEC 61000-4-2 Electrostatic discharge immunity test - test level: 8 kV level 3 (air discharge) conforming to IEC 61000-4-2 |

Packing Units

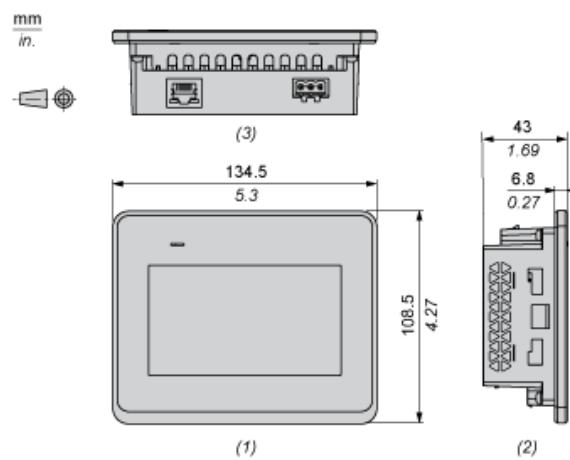
| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.000 cm |
| Package 1 Width | 13.500 cm |
| Package 1 Length | 18.500 cm |
| Package 1 Weight | 447.000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 4 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 2.330 kg |

Offer Sustainability

| | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

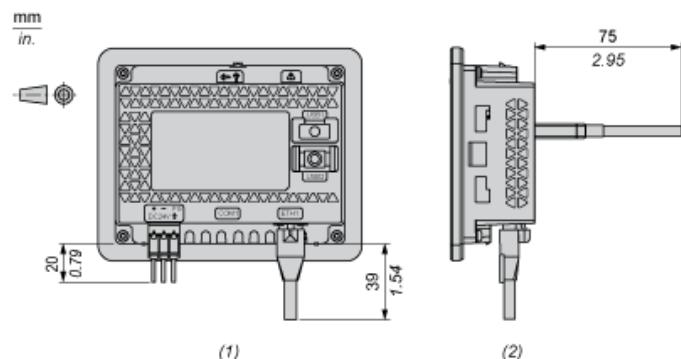
Dimensions

External Dimensions



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

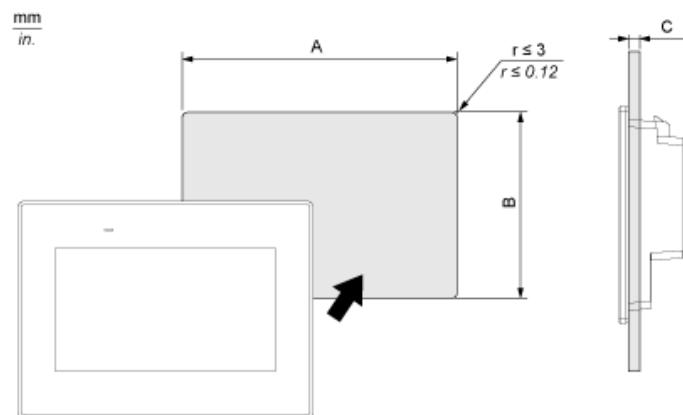
Dimensions with Cables



(1) : Rear
(2) : Right

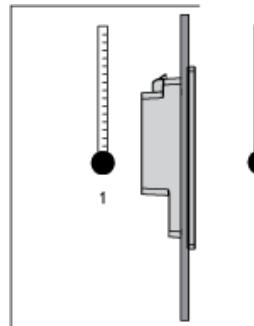
Mounting

Panel Cut Dimensions

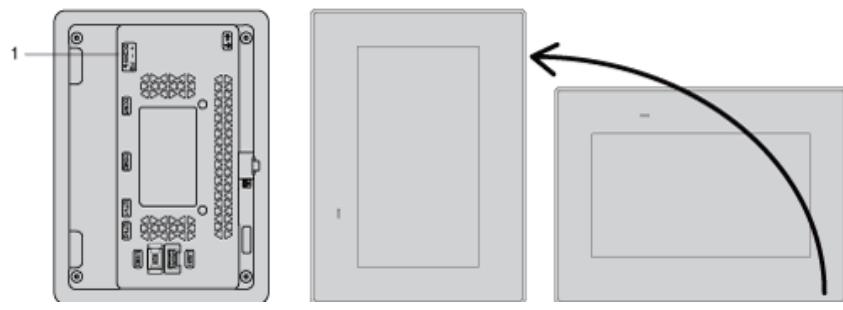


| A | | B | | C Installing with spring | | | |
|----------------|------------------|---------------|------------------|--------------------------|-------------|------------|-------------|
| | | | | Position 1 | | Position 2 | |
| mm | in. | mm | in. | mm | in. | mm | in. |
| 118.5 (+1, -0) | 4.67 (+0.04, -0) | 92.5 (+1, -0) | 3.64 (+0.04, -0) | 1.5...4 | 0.06...0.16 | 4...6 | 0.16...0.24 |

Installation Requirements

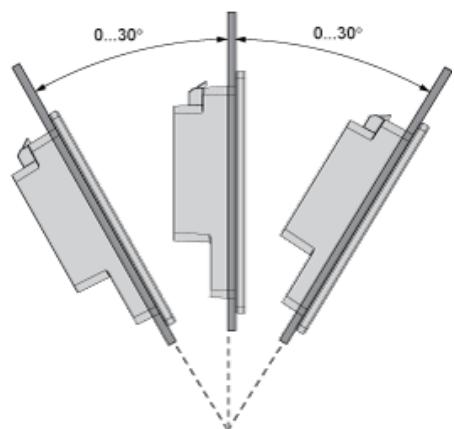


1 : Internal temperature
2 : External temperature



1 : Power connector

Mounting Angle



Clearance

