



## 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 <sup>2</sup> , 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

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## 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 <sup>2</sup> (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 <sup>2</sup> (f = 9...150 Hz)
Insulation resistance	>= 10 MOhm
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

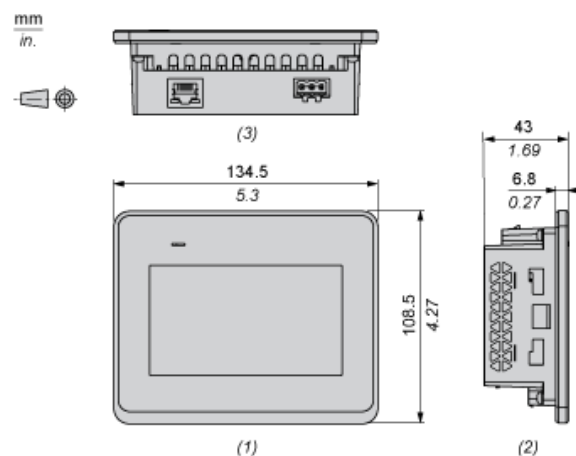
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.000 cm
Package 1 Width	13.500 cm
Package 1 Length	18.500 cm
Package 1 Weight	447.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm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

## Offer Sustainability

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

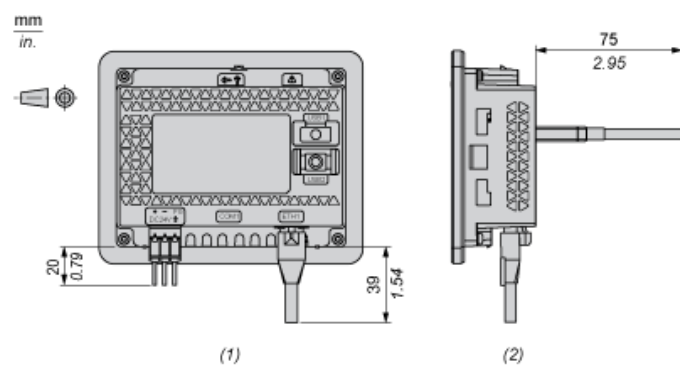
## Dimensions

### External Dimensions



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

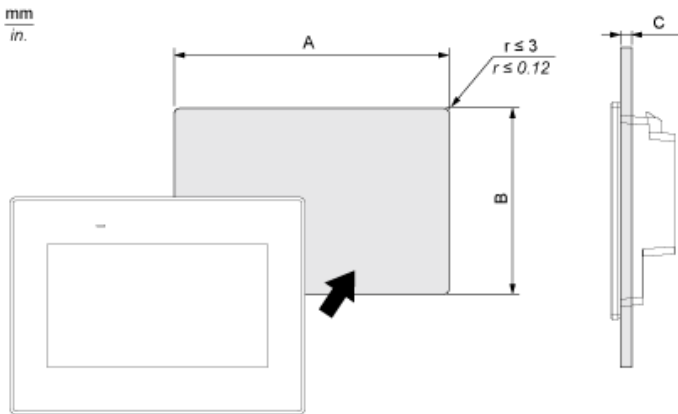
### Dimensions with Cables



- (1) : Rear  
(2) : Right

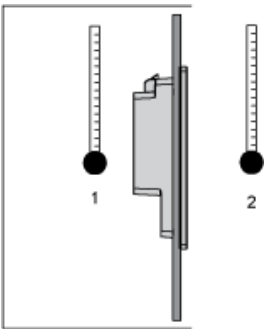
Mounting

Panel Cut Dimensions

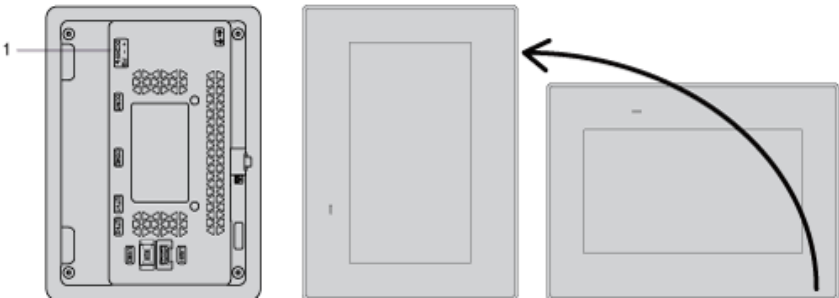


A		B		C Installing with spring			
				Position 1		Position 2	
mm	in.	mm	in.	mm	in.	mm	in.
118.5 (+1, -0)	4.67 (+0.04, -0)	92.5 (+1, -0)	3.64 (+0.04, -0)	1.5...4	0.06...0.16	4...6	0.16...0.24

Installation Requirements

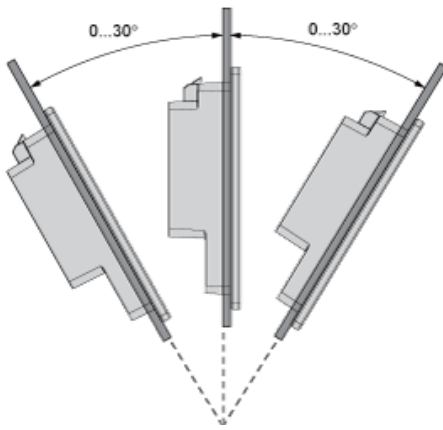


- 1 : Internal temperature
- 2 : External temperature



- 1 : Power connector

## Mounting Angle



## Clearance

