



### Main

Range of product	Pro-face SP5000
Product or component type	Touch panel screen

### Complementary

Display size	7 inch
Display type	Colour TFT LCD
Display colour	16 million colours
Display resolution	800 x 480 pixels WVGA
Touch panel	Single touch analogue resistive
Backlight lifespan	50000 hours with white
Brightness	0...100 (adjusted with touch panel or software)
[Us] rated supply voltage	12...24 V DC
Inrush current	30 A
Input voltage limits	10.8...28.8 V DC
Voltage endurance	1000 V AC during 1 min
Power consumption in W	41 W (max (including box module)) 6.5 W (max (display module only)) 2 W (stand by) 4 W
Electrical connection	Cable 2 mm <sup>2</sup> , AWG 14, max resistance 100 Ohm for functional grounding
Type of cooling	AN (air natural)
Fixing mode	By 4 screws, mounting on 1.6...5 mm thick panel
Cut-out dimensions	190 x 135 mm panel cut dimension
Height	148.6 mm
Width	203.6 mm
Depth	36 mm
Net weight	1.2 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	UL 61010-2-201 CSA C22.2 No 61010-2-201 ANSI/ISA 12.12.01 CSA C22.2 No 213 Class I Division 2
Product certifications	UL[RETURN]cUL[RETURN]CE[RETURN]UKCA[RETURN]KC[RETURN]RCM[RETURN]EAC[RET
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive 2011/65/EU - RoHS 2015/863/EU - RoHS directive 1907/2006/EC - REACH directive 2014/34/EU - ATEX directive 2014/53/EU - radio equipment directive
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	10...90 % non-condensing
Storage Relative Humidity	10...90 % non-condensing
Operating altitude	2000 m
IP degree of protection	IP65f
Pollution degree	2
Environmental characteristic	Corrosive gas free
Shock resistance	147 m/s <sup>2</sup> (X, Y, Z directions for 10 cycles (approx. 100 min)) conforming to IEC 61131-2
Vibration resistance	3.5 mm constant amplitude (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 61131-2
Insulation resistance	>= 10 MOhm
Electromagnetic compatibility	Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.400 cm
Package 1 Width	21.200 cm
Package 1 Length	26.400 cm
Package 1 Weight	1.430 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	8
Package 2 Height	33.500 cm
Package 2 Width	46.000 cm
Package 2 Length	55.500 cm
Package 2 Weight	12.675 kg
Unit Type of Package 3	P12
Number of Units in Package 3	32
Package 3 Height	110.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	62.000 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes