

PFXSP5690WAD

12W Extreme touch panel display, WXGA, Analog-Single, Modular, 12-24VDC, Outdoor use



Main

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

Complementary

Display size	12.1 inch
Display type	Colour TFT LCD
Display colour	262144 colours
Display resolution	1280 x 800 pixels WXGA
Touch panel	Single touch analogue resistive
Backlight lifespan	50000 hours with white
Brightness	1000 cd/m ²
[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
Maximum power consumption in W	37 W
Power consumption in W	37 W 23 W 12.5 W (backlight off (standby mode)) 16 W (backlight dimmed (brightness: 20%))
Electrical connection	Cable 2 mm ² , 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	295 x 217 mm panel cut dimension
Height	230.5 mm
Width	308 mm
Depth	68 mm
Net weight	3.2 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	-30...70 °C
Ambient air temperature for storage	-30...70 °C
Relative humidity	10...90 % non-condensing
Storage Relative Humidity	10...90 % non-condensing
Operating altitude	2000 m
IP degree of protection	IP66f
Pollution degree	2
Environmental characteristic	Corrosive gas free
Shock resistance	392 m/s ² for 11 ms (X, Y, Z directions for 3 times) conforming to IEC 60068-2-27
Vibration resistance	7 mm (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 60068-2-6
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	19.5 cm
Package 1 Width	33.5 cm
Package 1 Length	43.5 cm
Package 1 Weight	4.32 kg
Unit Type of Package 2	S04
Number of Units in Package 2	1
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	5.143 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes