Pro-face
for the best interface

SP-5500TP Premium Display

Features:
- SVGA Display TFT Touch Panel
- 16 million colors
- Compatible with power or open box modules

- USB access via front bezel
- Auto-scaling functionality
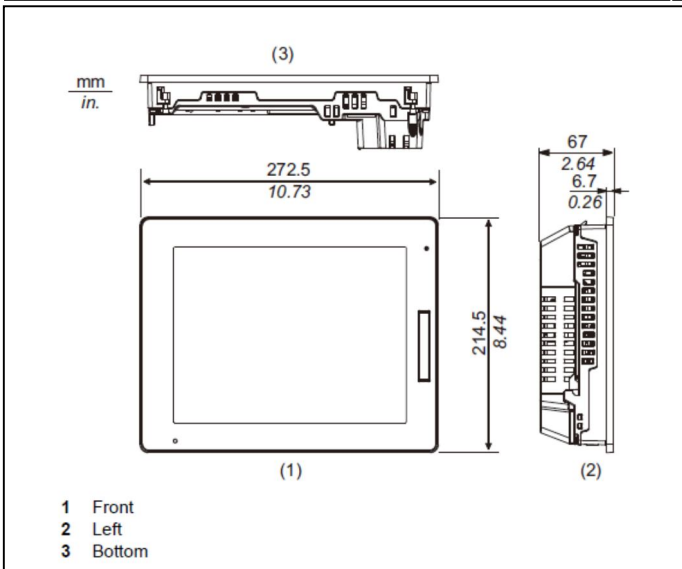- Embedded mounting clips for easy installation

TFT Premium Display

SP-5500TP | SVGA | 10.4-inch
TFT

Model: SP5000 Series,
PFXSP5500TPD , PFXSP5500TPDF0C

SVGA (800 x 600) | Multi-touch

(Ro) | UL LISTED | c-UL LISTED | UL LISTED | c-UL LISTED | CE | KC | ... | PC
UL508 | UL508 ANSI/ISA 12.12.01

Performance Specifications

Model	SP-5500TP	
Part Number	PFXSP5500TPD	PFXSP5500TPDF0C
Graphics Display Resolution	800 x 600 SVGA	
Display Type and Size	TFT Color LCD 10.4"	
Display Colors	16 Million Colors	
Effective Display Area	W211.2 x H158.4 mm(W8.31 x H6.24 in.)	
Touch Screen	Resistive film (analog, multi-touch)	
Backlight	White LED	
Backlight Service Life	50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 50%	
Brightness	Max.:400cd(Typ) Min.:4cd(Typ) 0...100 (Adjusted with touch panel or software)[1]	
Front USB	Type A (V2.0) x1, Mini B (V2.0) x1	

[1] The maximum and minimum brightness Value is the reference Value, because there are individual differences by the liquid crystal.
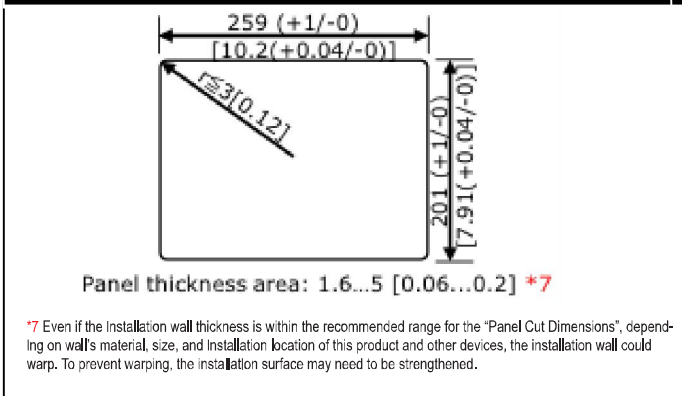
General Specifications

Models	SP-5500TP	
Part Number	PFXSP5500TPD	PFXSP5500TPDF0C
Conformal Coating	–	Yes
Input Voltage	12-24 Vdc (limits 10.8 -29.9 Vdc)	
Voltage Drop	12 Vdc: 1.25 ms or less/ 24 Vdc: 5 ms or less	
In-Rush Current	30 A or less	
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)	
Insulation Resistance	500 Vdc, 10 MΩ or more (between charging and FG terminals)	
Power Consumption	50W or less(display module with box module)[1] 15W or less (display module only)	
Surrounding Air Temerpature	0...60 °C [32...140 °F]	
Storage Temperature	-20...60 °C [-4...140 °F]	
Certifications	CE, ATEX, RoHS, GOST-R, UL 508/c-UL, CSA C22.2 N°142, KC, EAC, ABS, BV, CCS, DNV, GL, LR, RINA, NK	
Ratings	IP65 (IP65F, IP66F or IP67F, when use enhanced front USB cover), EN61000-6-4, EN61000-6-2, CSA C22.2N°213, ANSI/ISA 12.12.01, Class 1 Div 2 Groups A, B, C, and D when installed per Control Drawing No. HRB78717	
Surrounding Air and Storage Humidity	10%...90% RH (Non condensing, wet bulb temperature 39 °C [102.2 °F] or less)	
Dust	0.1 mg/m3 (10-7 oz/ft3) or less (non-conductive levels)	
Pollution Degree	For use in Pollution Degree 2 environment	
Corrosive Gas	Free of corrosive gases	
Atmospheric Pressure (Operating Altitude)	800...1,114 hPa (2,000 m [6,561 ft] or lower)	
Vibration and Shock Resistance	IEC/EN 61131-2 compliant	
Electrostatic Discharge Immunity	Contact Discharge Method: 6 kV (IEC/EN 61000-4-2 Level 3)	
Weight	2.7kg (5.9 lb) or less	
External Dimensions	W272.5 x H214.5 x D67 mm(W10.73 x H8.44 x D2.64 in.)	
Panel Cut Dimensions	W259 x H201 mm(W10.2 x H7.91 in.)[2], Panel thickness area:1.6...5 mm (0.06...0.2 in.)[3]	
Warranty	Two (2) years	

External Dimensions

mm / in.

(3)

272.5 / 10.73

214.5 / 8.44

67 / 2.64
6.7 / 0.26

1 Front
2 Left
3 Bottom

(1)   (2)

Panel Cut Dimensions

259 (+1/-0)
[10.2(+0.04/-0)]

r≦3[0.12]

201 (+1/-0)
[7.91(+0.04/-0)]

Panel thickness area: 1.6...5 [0.06...0.2] *7

*7 Even if the Installation wall thickness is within the recommended range for the "Panel Cut Dimensions", depending on wall's material, size, and Installation location of this product and other devices, the installation wall could warp. To prevent warping, the installation surface may need to be strengthened.

Multiple Screen Size Options

Various sizes + Auto scaling *Premium only

+ Asset (Project)

Coated models are also available

Ordering Information

Type	Model Numbers	Description
SP-5500TP	PFXSP5500TPD	10.4-Inch TFT, 16M colors, SVGA 800 x 600 pixels, Analog Touch Panel(Multi touch), Front USB A/mini-B I/F x 1 each, 24 Vdc
SP-5500TP with Conformal Coating	PFXSP5500TPDF0C	10.4-Inch TFT, 16M colors, SVGA 800 x 600 pixels, Analog Touch Panel(Multi touch), Front USB A/mini-B I/F x 1 each, 24 Vdc with conformal coating.

Options

Part Number	Product Name	Description
PFXZCDCVUS1	Enhanced Front USB Cover (With Screw)	Front USB cover with fixing screw, corresponding to IP66F, IP67F, Type 1/4X Indoor use only /13 or ATEX certification (5 pieces/set)
PFXZCDOP101	10.4-inch Environment Cover	Environmental resistant cover for 10.4 inch (1 piece)
PFXZCDDS101	10.4-inch Screen Protection Sheet	Disposable, dirt-resistant sheet for the SP unit's screen (5 sheets/set)

Modular Design and Easy Maintenance

Maintain controllers

Replaces front displays

Without open a cabinet

Front USB

- Get logged files

Leave screen data and cabling

Replace rear boxes

Prearranged fastener Anti-dropped pin

Leave display on cabinet

Pro-face America
Phone: 734.477.0600
Fax: 734.864.7347
www.profaceamerica.com

Customer Service Hotline: 800.289.9266

For more information
ACCESS   www.profaceamerica.com

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