



## Code details

Dimensions in mm

<b>Series Code</b>	<b>SPPC-PWL-2.0</b>	Single Pole Power connectors
<b>Connector Type</b>	<b>PS</b>	Panel Source
<b>Key Position</b>	<b>N</b>	Neutral
<b>Insulator Color</b>	<b>BU</b> 	Blue
<b>Contact Termination</b>	<b>M12-T5</b>	M12 Threaded post - 500A
<b>Cable External diameter</b>	-	-
<b>Contacts Type</b>	-	Standard contacts
<b>Customization</b>	-	-

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SERIES SPPC

PART NUMBER SPPC-PWL-2.0-PS-N-BU-M12-T5

**Connector Type:**

Number of contacts: Single Pole  
 Panel Source connectors  
 Blue Color  
 Locking: Bayonet with secondary locking pin  
 M12 Threaded post contacts  
 Finger Touch protected contacts IP2X

**Reference Documents:**

- EN 61984
- EN 60529
- European Directive 2011/65/UE (RoHS)
- UL94

**General features:**

Operating temperatures: -30°C ÷ +125°C  
 Protection degree (mated connectors; according to EN 60529): IP66/67  
 Flammability: UL94-V0  
 Minimum Mating Cycles: 500

**Electrical specifications:**

Nominal Voltage: 1000 Vac / 1500 Vdc  
 Current Rating: 500A  
 Minimum Insulation Resistance: 5GΩ @ 500V  
 Contact Resistance: <0.1 mΩ  
 Rated Voltage to Earth: 2000Vac  
 Minimum Flashover (EN60309-1): 6.8kV AC – 1 minute  
 Test Voltage (Mated Condition): 5 kV- 1 minute @ 50Hz  
 Short Circuit Current – 1 second: 16kA  
 Short Circuit Current – 3 seconds: 12kA  
 Surge Current (DIN VDE 0102/1.90): 62kA – 10mseconds  
 Creepage Distance: >25mm  
 Clearance Distance: >25mm

**Others characteristics:**

Panel Contact Tightening Torque: 30Nm max  
 Contact Retention in Insulator: 2.5kN Axial Load



COMPONENTS	MATERIALS	PLATING / FINISHES	ACCESSORIES (included)		
			P/N	Description	Quantity
Shells	Thermoplastic	-	-	-	-
Contacts	Copper Alloy	Silver Plated	-	-	-
Panel Gasket	-	-	-	-	-
Others part	-	-	-	-	-

**PACKAGING**

Quantity	Type	Weight
1	Plastic Bags	-
	Carton Box	-