



Dimensions in mm

Code details

Series Code	SPPC-PWL	Single Pole Power connectors
Connector Type	PD	Panel Drain
Key Position	N	Neutral
Insulator Color	BU 	Blue
Contact Termination	M12-T7	M12 Threaded post - 750A
Cable External diameter	-	-
Contacts Type	-	Standard contacts
Customization	-	-

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SERIES SPPC

PART NUMBER SPPC-PWL-PD-N-BU-M12-T7

Connector Type:

Number of contacts: Single Pole
 Panel Drain 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: 750A
 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



VDE Certified

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	-

1	Plastic Bags	-
-	Carton Box	-



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