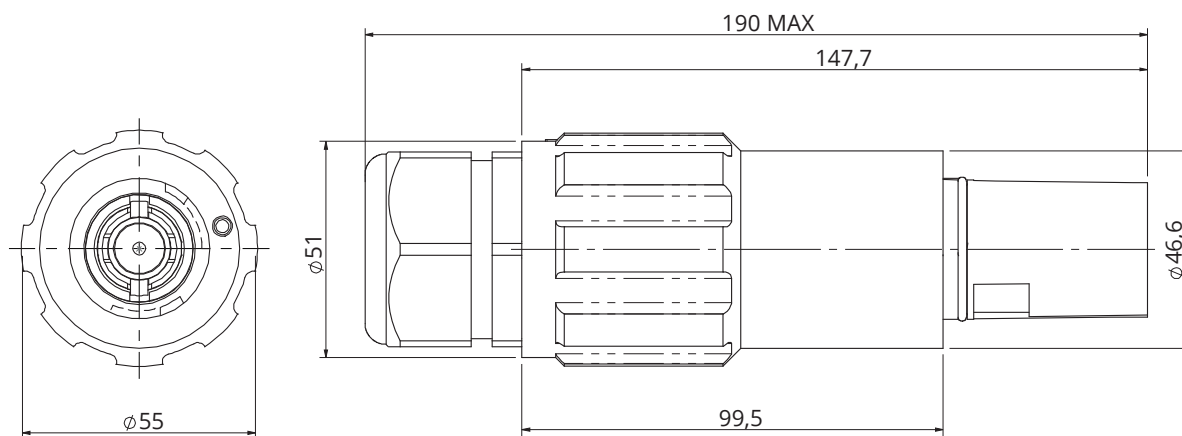
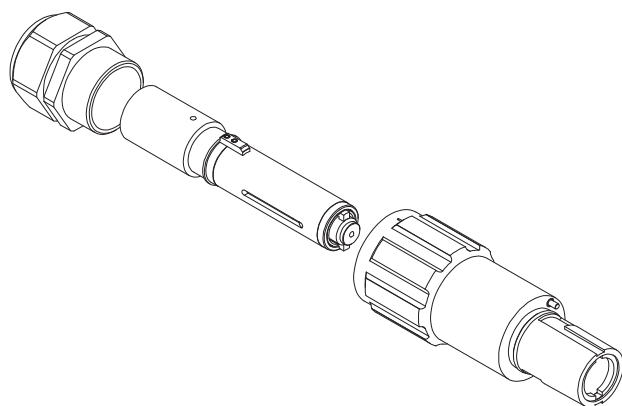


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ISSUE 19-01-21C


SERIES SPPC

PART NUMBER SPPC-PWL-LD-E-GN-C-300-OS



*Dimensions in mm*

#### Code details

Series Code	SPPC-PWL	Single Pole Power connectors
Connector Type	LD	Cable/Line Drain
Key Position	E	Earth
Insulator Color	GN 	Green
Contact Termination	C-300	Crimp contacts - 750A 300mm <sup>2</sup>
Cable External diameter	OS	22mm - 32mm
Contacts Type	-	Standard contacts
Customization	-	-

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ISSUE 19-01-21C

SERIES SPPC

PART NUMBER SPPC-PWL-LD-E-GN-C-300-OS

**Connector Type:**

Number of contacts: Single Pole  
 Cable/line Drain connectors  
 Green Color  
 Locking: Bayonet with secondary locking pin  
 Crimp terminal contacts for wire 300mm<sup>2</sup>  
 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

**Others characteristics:**

Cable Gland Tightening Torque: 13Nm  
 Contact Retention in Insulator: 2.5kN Axial Load

VDE Certified



COMPONENTS	MATERIALS	PLATING / FINISHES
Shells	Thermoplastic	-
Contacts	Copper Alloy	Silver Plated
Panel Gasket	-	-
Others part	-	-

Cable Size	300mm <sup>2</sup>	300mm <sup>2</sup>
	Class 2	Class 5
Insulation Strip (dim L)	40mm	40mm
Recommended Number of Crimps	3	3
Hand Operated Crimp Tool	HT120 HT131-C	HT120 HT131-C
Crimp Die Set	ME60-C	ME60-C
Contact Removal Tool	VS390039	VS390039

**PACKAGING**

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-



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