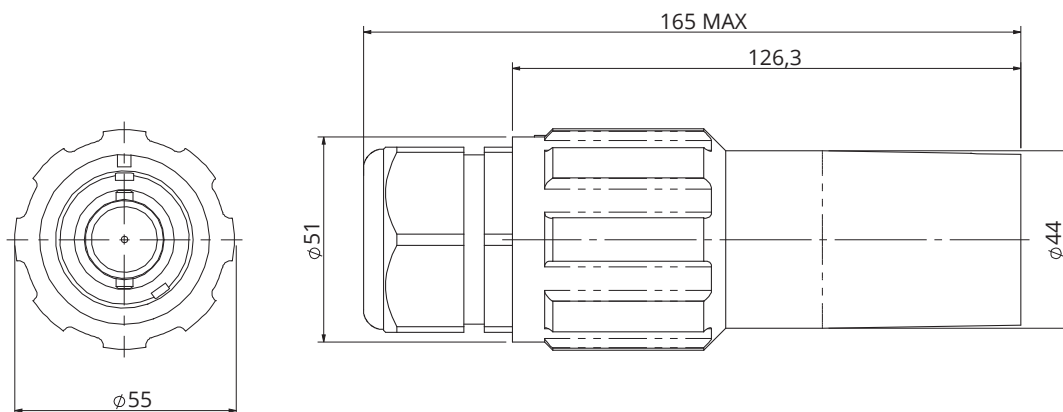
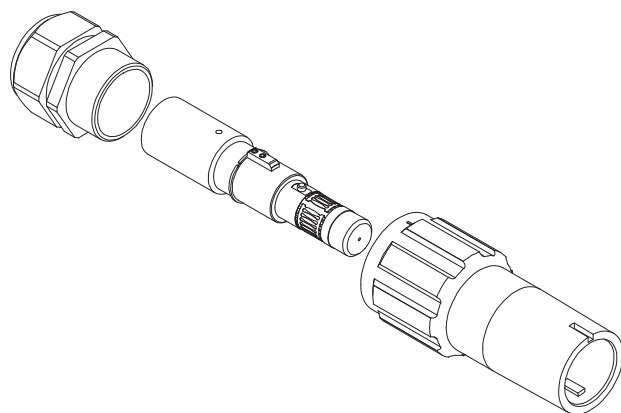


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ISSUE 19-01-21C


SERIES SPPC

PART NUMBER SPPC-PWL-LS-L3-GY-C-300-OS



Dimensions in mm

Code details

Series Code	SPPC-PWL	Single Pole Power connectors
Connector Type	LS	Cable/Line Source
Key Position	L3	Phase 3
Insulator Color	GY 	Grey
Contact Termination	C-300	Crimp contacts - 750A 300mm ²
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-LS-L3-GY-C-300-OS

Connector Type:

Number of contacts: Single Pole
Cable/line Source connectors
Grey Color
Locking: Bayonet with secondary locking pin
Crimp terminal contacts for wire 300mm²
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 ²	300mm ²
	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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