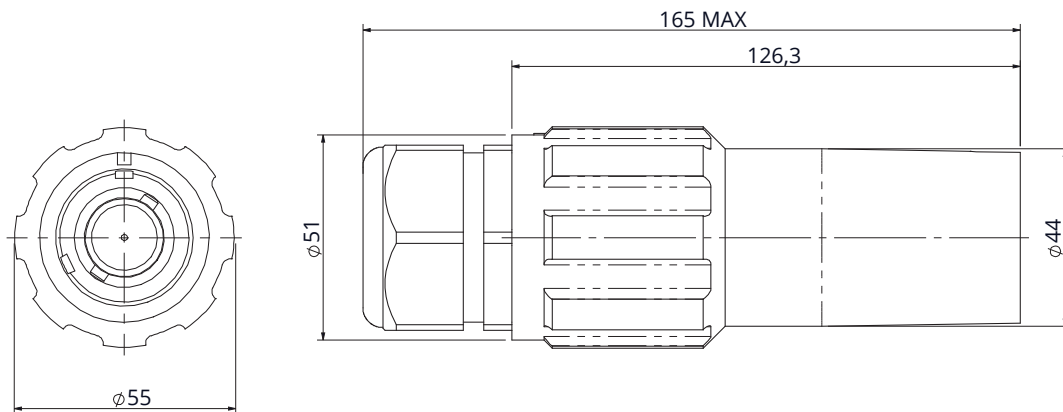
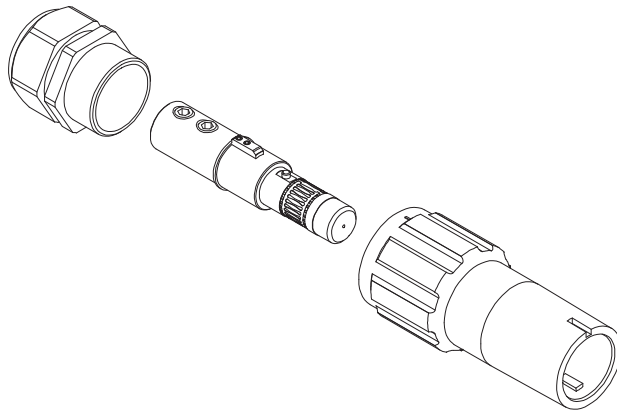


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ISSUE 30-07-19A


SERIES SPPC

PART NUMBER SPPC-PWL-LS-E-GN-S-120-M



Dimensions in mm

Code details

Series Code	SPPC-PWL	Single Pole Power connectors
Connector Type	LS	Cable/Line Source
Key Position	E	Earth
Insulator Color	GN 	Green
Contact Termination	S-120	Screw terminal – 400A up to 120mm ²
Cable External diameter	M	19mm – 28mm
Contacts Type	-	Standard contacts
Customization	-	-

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SERIES SPPC

PART NUMBER SPPC-PWL-LS-E-GN-S-120-M

Connector Type:

Number of contacts: Single Pole
 Cable/line Source connectors
 Green Color
 Locking: Bayonet with secondary locking pin
 Screw terminal contacts for wire up to 120mm²
 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: 400A
 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:

Screws Tightening Torque (in-line connectors): 12Nm
 Cable Gland Tightening Torque: 13Nm
 Contact Retention in Insulator: 2.5kN Axial Load
 Sleeves included, for cable conductor size 35 mm² - 50 mm² - 70 mm² - 95 mm² - 120 mm²

UL certified (File n° E483437)



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

PACKAGING

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-



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