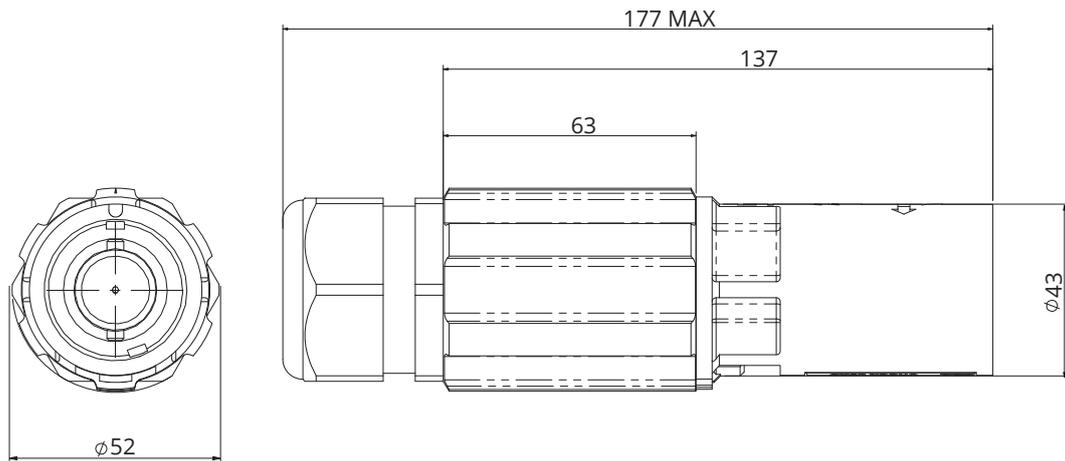
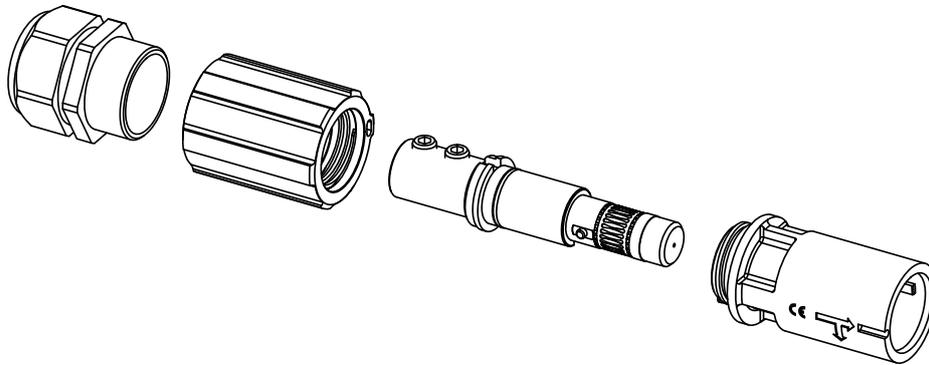


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ISSUE 29-09-21A

SERIES SPPC

PART NUMBER SPPC-PWL-2.0-LS-L2-BK-S-150-M



Dimensions in mm

Code details

| | | |
|--------------------------------|---------------------|--|
| Series Code | SPPC-PWL-2.0 | Single Pole Power connectors |
| Connector Type | LS | Cable/Line Source |
| Key Position | L2 | Phase 2 |
| Insulator Color | BK ● | Black |
| Contact Termination | S-150 | Screw terminal – 500A up to 150mm ² |
| Cable External diameter | M | 19mm – 28mm |
| Contacts Type | - | Standard contacts |
| Customization | - | - |

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SERIES SPPC

PART NUMBER SPPC-PWL-2.0-LS-L2-BK-S-150-M

Connector Type:

Number of contacts: Single Pole
Cable/line Source connectors
Black Color
Locking: Bayonet with secondary locking pin
Screw terminal contacts for wire up to 150mm²
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

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 - 120/150 mm²

UL certified (File n° E483437)



| 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 | - |