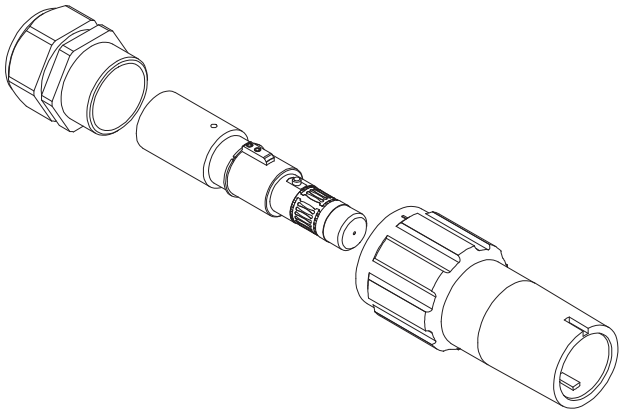

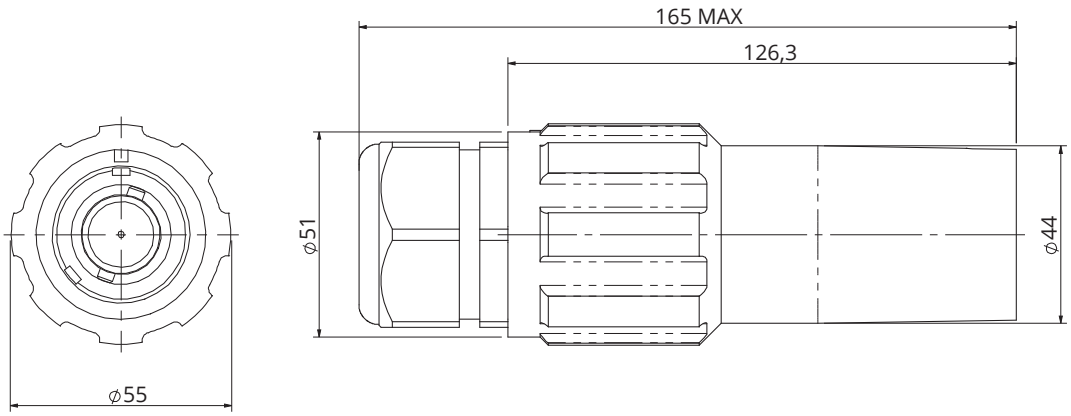


*Dimensions in mm*

## Code details

| | | |
|---|---|---|
| **Series Code** | **SPPC-PWL** | Single Pole Power connectors |
| **Connector Type** | **LS** | Cable/Line Source |
| **Key Position** | **N** | Neutral |
| **Insulator Color** | **BU** | Blue |
| **Contact Termination** | **C-240** | Crimp contacts – 750A 240mm$^2$ |
| **Cable External diameter** | **OS** | 22mm – 32mm |
| **Contacts Type** | **-** | Standard contacts |
| **Customization** | **-** | - |

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**Connector Type:**
Number of contacts: Single Pole
Cable/line Source connectors
Blue Color
Locking: Bayonet with secondary locking pin
Crimp terminal contacts for wire 240mm$^2$
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 | 240mm² | 240mm² |
|---|---|---|
| | 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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