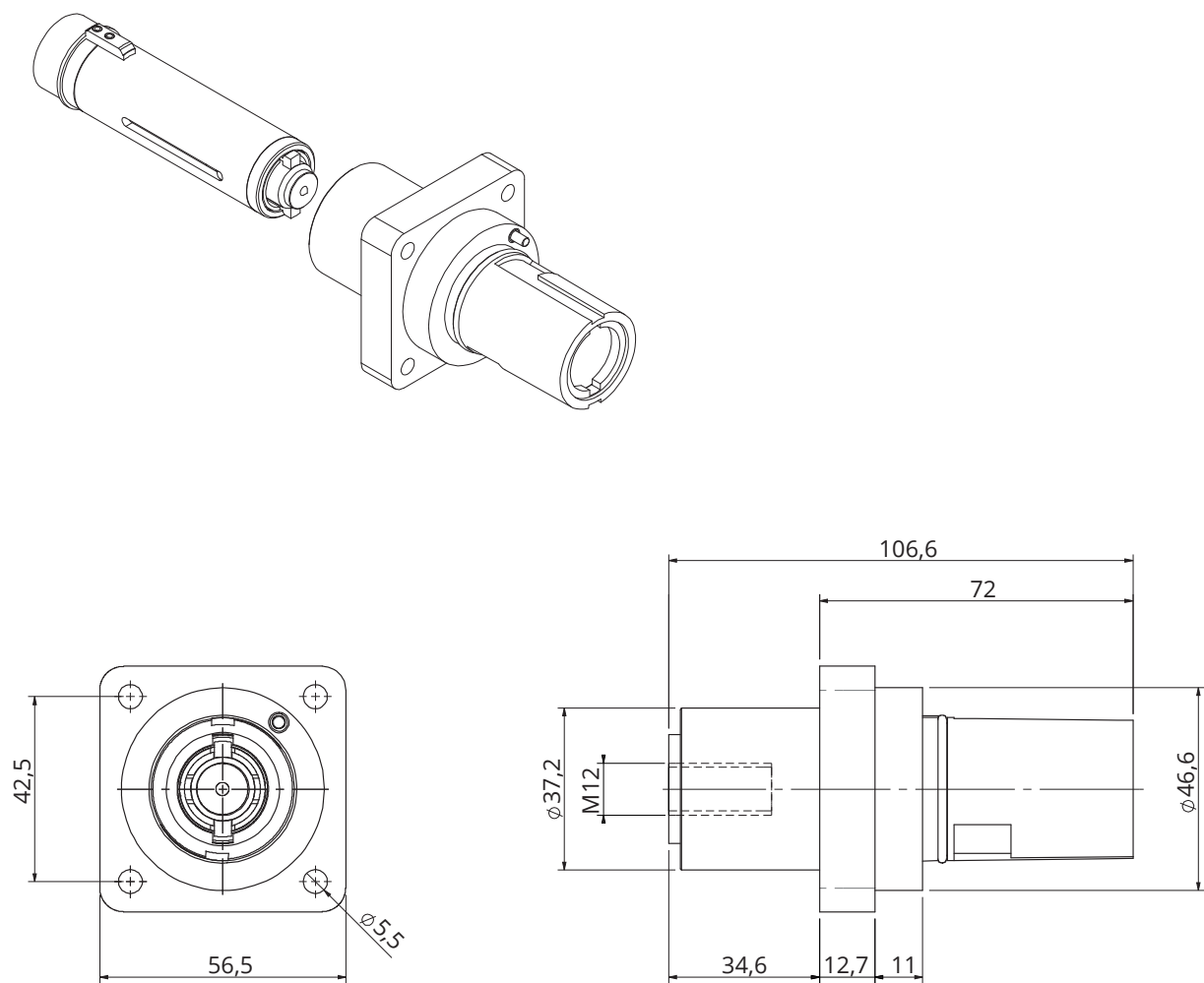


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ISSUE 19-01-21B


SERIES SPPC

PART NUMBER SPPC-PWL-PD-L1-BR-TH7



Dimensions in mm

Code details

| | | |
|-------------------------|--|------------------------------|
| Series Code | SPPC-PWL | Single Pole Power connectors |
| Connector Type | PD | Panel Drain |
| Key Position | L1 | Phase 1 |
| Insulator Color | BR  | Brown |
| Contact Termination | TH7 | Threaded hole - 750A |
| Cable External diameter | - | - |
| Contacts Type | - | Standard contacts |
| Customization | - | - |

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SERIES SPPC

PART NUMBER SPPC-PWL-PD-L1-BR-TH7

Connector Type:

Number of contacts: Single Pole
 Panel Drain connectors
 Brown Color
 Locking: Bayonet with secondary locking pin
 Threaded hole
 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
 Creepage Distance: >25mm
 Clearance Distance: >25mm

Others characteristics:

Panel Contact Tightening Torque: 30Nm max
 Contact Retention in Insulator: 2.5kN Axial Load

VDE Certified



| 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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