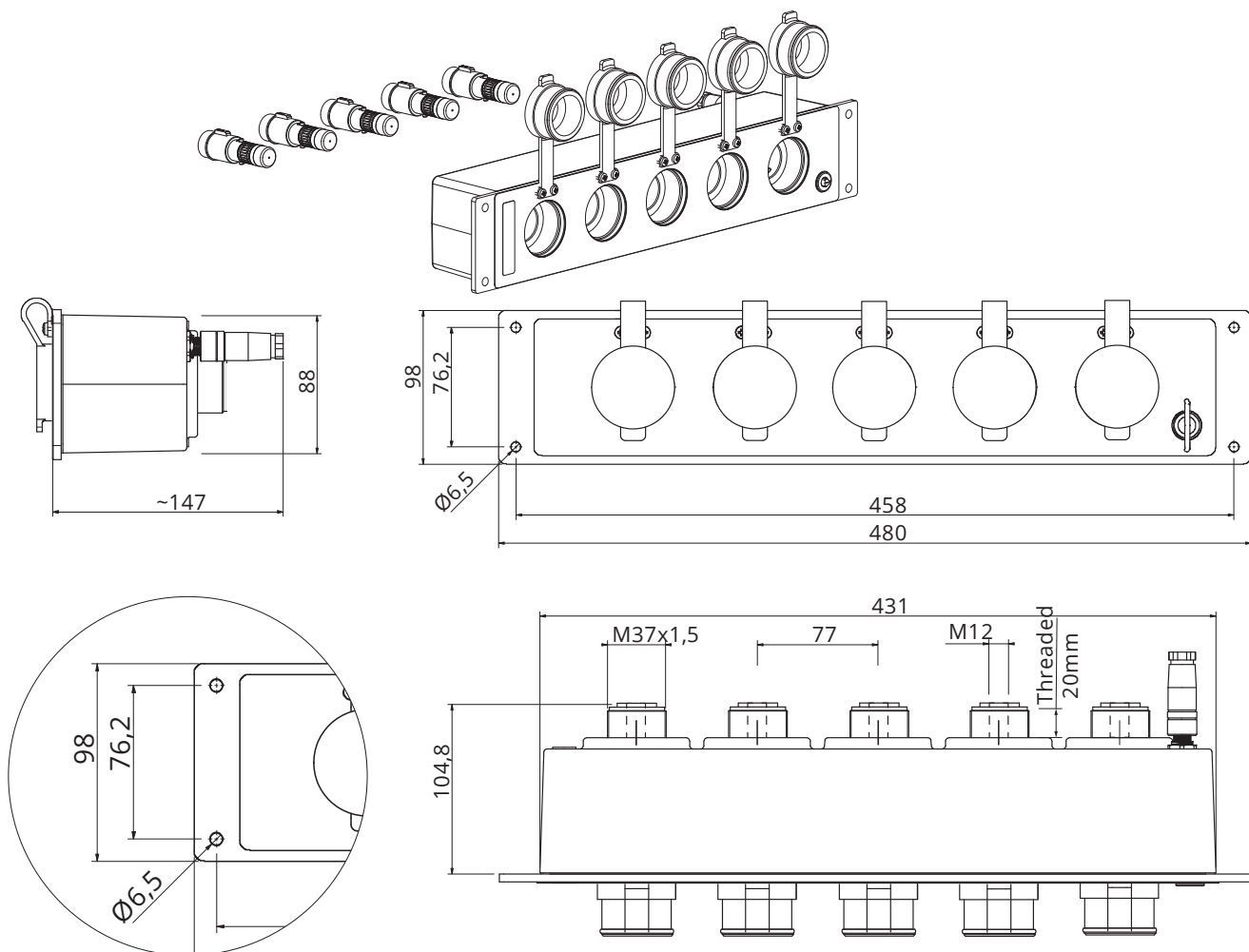


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SERIES SPPC SB

PART NUMBER SPPC-SB-PS-EU-L-TH4-PM



CODE DETAILS

Dimensions in mm

| | | | |
|----------------|----------------------------|----------------|---|
| SPPC-SB | Series Code | SPPC-SB | Single Pole Power connectors - Sequential Box |
| PS | Connector Type | PS | Panel Source |
| EU | Insulator color | EU | European 5 Connectors (3P+N+E) |
| L | Caps | L | With rubber caps |
| TH4 | Contact Termination | TH4 | Threaded hole - 500A |
| PM | Mounting Type | PM | Panel mounting |

COLOUR CODING

| Standard | Earth | Neutral | Phase L1 | Phase L2 | Phase L3 |
|----------|------------|-----------|------------|------------|-----------|
| Europe | Green (GN) | Blue (BU) | Brown (BR) | Black (BK) | Grey (GY) |

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SERIES SPPC SB

PART NUMBER SPPC-SB-PS-EU-L-TH4-PM

Connector Type:

Sequential Box - Panel Source Connectors - Flanged Version
 Number of contacts: Five Poles
 European Color Coding
 Locking: Bayonet with secondary locking pin
 Threaded hole Contacts
 Finger Touch protected contacts IP2X

Reference Documents:

- EN 61984
- EN 60529
- European Directive 2011/65/UE (RoHS)
- UL94

General features:

Operating temperatures: -30°C ÷ +85°C
 Protection degree:

- IP67 (when mated connectors and locked)
- IP65 (when caps are closed)
- IP2X (finger protected)

 Minimum Mating Cycles: 500

Electrical specifications:

Nominal Voltage: 1000 V
 Current Rating: 500A (can be de-rated according to the type and cross section of the cable)
 Contact Resistance: <0.1 mΩ
 Short Circuit Current – 1 second: 16kA
 Short Circuit Current – 3 seconds: 12kA
 Surge Current (DIN VDE 0102/1.90): 62kA – 10mseconds
 Microswitch operating voltage: 250Vac / 30Vdc max.
 Microswitch current rating: 4A (Resistive Load) / 0,5A (Lamp Load)
 M12 - microswitch connections:

| Contact position | ON | OFF |
|------------------|----------|----------|
| 1 | Common | Common |
| 2 | Open | Closed |
| 3 | Closed | Open |
| 4 | not used | not used |

| COMPONENTS | MATERIALS | PLATING / FINISHES | ACCESSORIES (included) | | |
|------------|--------------------------|------------------------|------------------------|-------------|----------|
| Shells | Aluminum alloy | Anodizing | P/N | Description | Quantity |
| Contacts | Brass Alloy | Silver Plated 3,5μ min | - | - | - |
| Gasket | neoprene, nitrile rubber | - | - | - | - |
| Connectors | Thermoplastic material | - | - | - | - |

PACKAGING

| Quantity | Type | Weight |
|----------|------------|--------|
| 1 | Carton Box | 4.7kg |