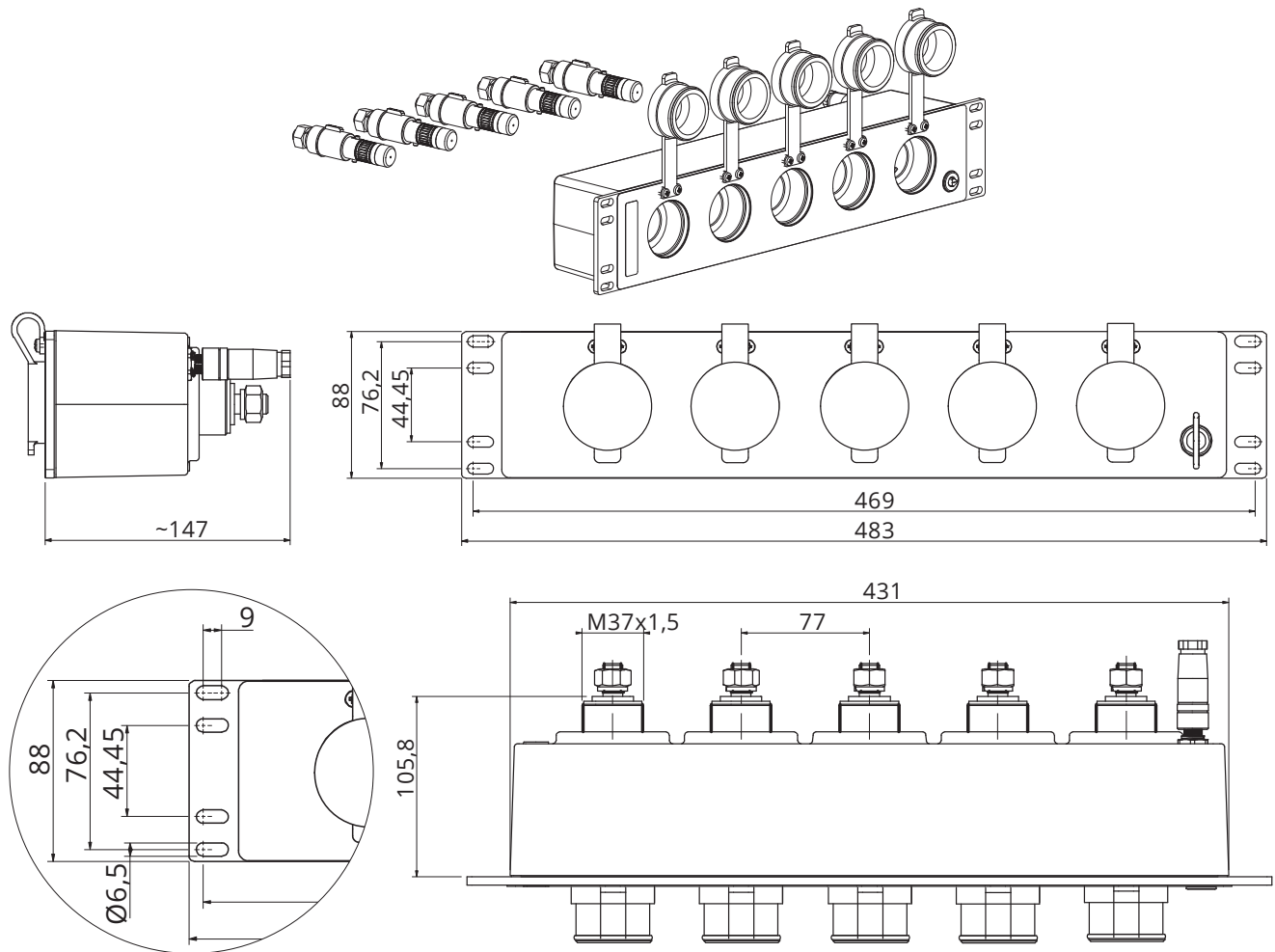


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SERIES SPPC SB

PART NUMBER SPPC-SB-PS-EU-L-M12-T4



## CODE DETAILS

Dimensions in mm

<b>SPPC-SB</b>	<b>Series Code</b>	<b>SPPC-SB</b>	Single Pole Power connectors - Sequential Box
<b>PS</b>	<b>Connector Type</b>	<b>PS</b>	Panel Source
<b>EU</b>	<b>Insulator color</b>	<b>EU</b>	European 5 Connectors (3P+N+E)
<b>L</b>	<b>Caps</b>	<b>L</b>	With rubber caps
<b>M12-T4</b>	<b>Contact Termination</b>	<b>M12-T4</b>	M12 Threaded post – 500A
	<b>Mounting Type</b>	-	Modular 19" rack version

## 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-M12-T4

## Connector Type:

Sequential Box - Panel Source Connectors  
 Number of contacts: Five Poles  
 European Color Coding  
 Locking: Bayonet with secondary locking pin  
 M12 Threaded post 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