



Dimensions in mm

Code details

Series Code	SPPC-HK	Single Pole Power Connectors
Connector Type	LS	Cable/Line Source
Key Position	L3	Phase 3
Insulator Color	GY ●	Grey
Contact Termination	C-120	Crimp contacts – 400A 95mm ² - 120mm ²
Cable External diameter	OS	18mm – 25mm
Contacts Type	-	Standard contacts
Customization	-	-

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SERIES SPPC

PART NUMBER SPPC-HK-LS-L3-GY-C-120-OS

Connector Type:

Number of contacts: Single Pole
Cable/line Source connectors
Grey Color
Locking: Spring into the Locked Position
Screw terminal contacts for wire up to 120 mm²
Finger Touch protected contacts IP2X

Reference Documents:

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

General features:

Operating temperatures: -30°C ÷ +120°C
Protection degree (mated connectors; according to EN 60529): IP67
Flammability: UL94-V0
Minimum Mating Cycles: 500

Electrical specifications:

Nominal Voltage: 1200 Vac / Vdc
Current Rating: 400A
Contact Resistance: <0.1 mΩ
Rated Voltage to Earth: 1750Vac, panel thickness<4mm
1200Vac, panel thickness>4mm
Short Circuit Current – 1 second: 11kA
Short Circuit Current – 3 seconds: 4kA
Surge Current (DIN VDE 0102/1.90): 45KA – 10 mseconds

Others characteristics:

Screws Tightening Torque (in-line connectors): 12Nm
Contact Retention in Insulator: 400N axial load
Sleeves included, for cable conductor size - 16 mm² - 25 mm² - 35 mm² - 50 mm² - 70 mm²

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	0.22Kg
-	Carton Box	-