

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	SP
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	SKN.M06.NLLN

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	SA/Z*: Straight plug, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, black
Variant	NZ : Black collet nut for bend relief
Weight	6.22 g

Performance

Configuration	SP.M06 : 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8.5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.0354in)
Bucket Dia.: 0.8 mm (0.032in)
Max. Solid Conductor: 0.36 mm² (AWG 23)
Max. Stranded Conductor: 0.36 mm² (AWG 22)
R (max): 8.5 mOhm

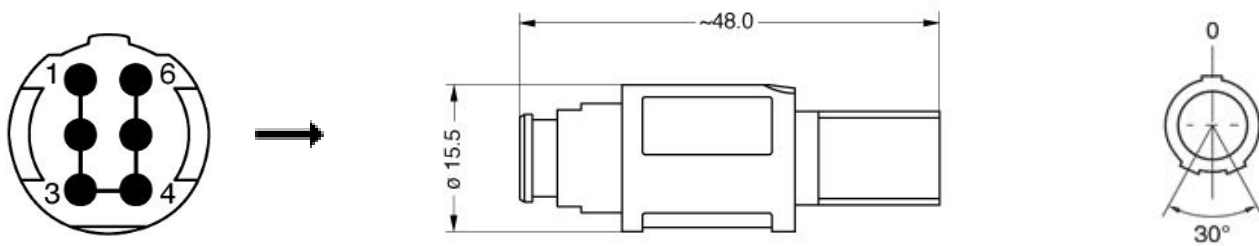
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Test voltage (kV rms) Contact-contact: 1.50
Air clearance min.: 1.2 mm
Creepage distance min.: 1.2 mm

Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +170°C

DRAWINGS



Dimensions

	A	L
mm.	15.5	48
in.	0,61	1,89

RECOMMENDED BY LEMO

Tools

Cables

106220	PVC	Black	
12080	PVC	Grey	

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160240	PVC	Black	
260250	PVC	Grey	

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