

SUMMARY

Wires

Low voltage 16



Image is for illustrative purpose only

Series SP
Termination type Female crimp
IP rating 50
AWG wire size 32.00 - 28.00
Cable Ø 6.60 - 7.50 mm
Status active

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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=50, plug: female contacts, receptacle: male contacts)
Housing Material Proprietary sulfone, gray
Variant NZ : Black collet nut for bend relief
Weight 6.83 g

Performance

Configuration SP.M16 : 16 Low V.
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 3.0 Amps

Specifications

Contact Type: Crimp
Contact Dia.: 0.5 mm (0.0196in)
Min. Conductor: 0.03 mm² (AWG 32)
Max. Conductor: 0.12 mm² (AWG 28)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 1.30

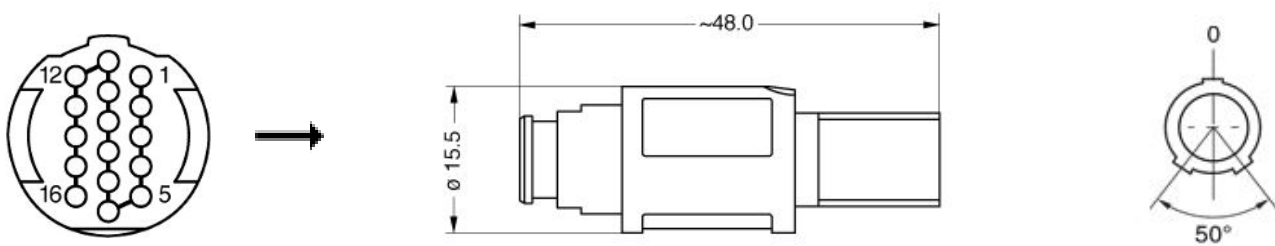
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Air clearance min.: 0.8 mm
Creepage distance min.: 0.8 mm

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

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 28-30-32/4-3-3
Positionner: [SOE.050.VM](#)
Replacement contact: SLN.605.ZZM

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Cables

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