

SUMMARY

Wires

Low voltage 18



Image is for illustrative purpose only

Series	SP
Termination type	Female solder
IP rating	50
AWG wire size	36.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	Active
Matching parts	SAN.M18.GLA.6G

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	SK_.SP*: Fixed socket, key (N) or keys (P, S and T), with two nuts (back panel mounting), grey front nut
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, gray
Variant	G : Gray front nut
Weight	5.41 g

Performance

Configuration	SP.M18 : 18 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.0196in)
Bucket Dia.: 0.45 mm (0.0177in)
Max. Solid Conductor: 0.12 mm² (AWG 28)
Max. Stranded Conductor: 0.12 mm² (AWG 28)
R (max): 8.5 mOhm

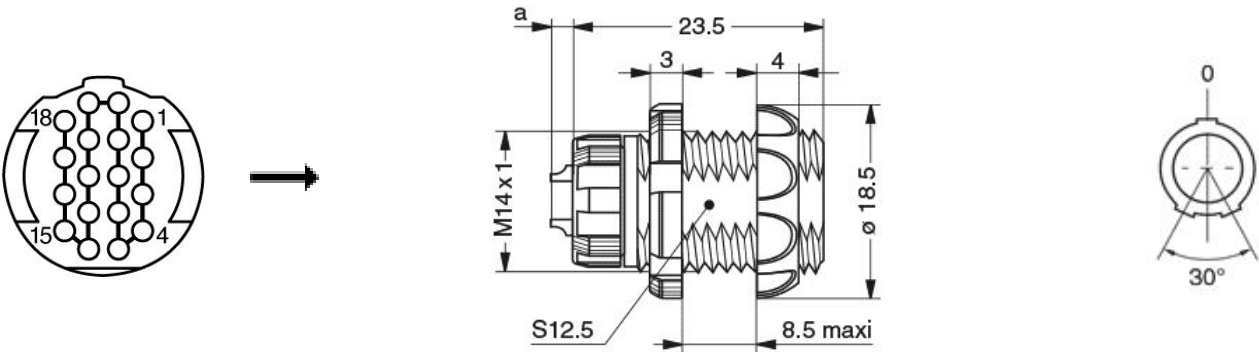
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Test voltage (kV rms) Contact-contact: 0.75
Air clearance min.: 0.47 mm
Creepage distance min.: 0.47 mm

Others

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

DRAWINGS



Dimensions

	B	E _{max}	N	a	e
mm.	18.5	8.5	23.5	2.2	M14x1
in.	0,73	0,33	0,93	0,09	

RECOMMENDED BY LEMO

Tools

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