

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	PAC.M0.6GL.AC39G

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PK*: Fixed receptacle with two nuts (back panel mounting)
Keying	2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray front nut
Weight	4.67 g

Performance

Configuration	1P.M06 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.0275in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.14 mm ² (AWG 26)
Max. Stranded Conductor: 0.14 mm ² (AWG 26)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

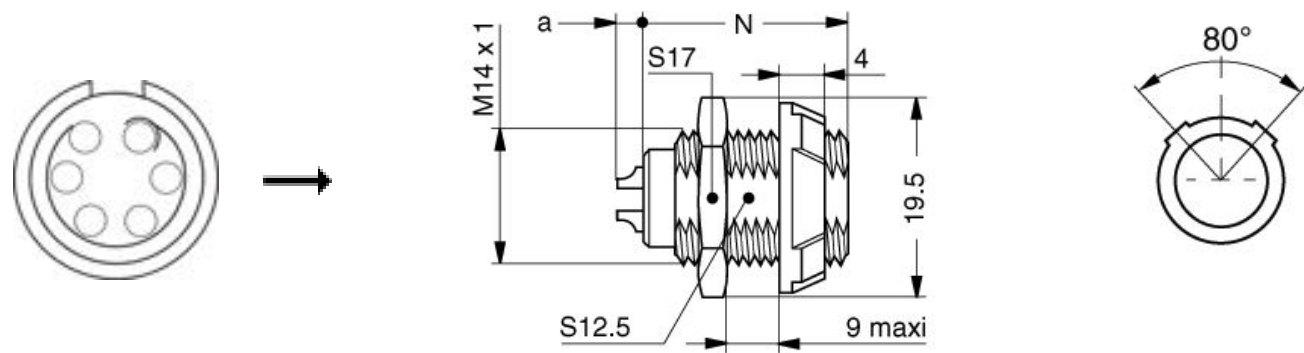
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Air clearance min.: 0.85 mm
Creepage distance min.: 0.85 mm

Others

- Endurance (Shell): >2000 mating cycles
- Temp (min / max): -50°C / +150°C
- F ret (min): 50 N
- F ret (max): 150 N
- Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



Dimensions

	A	N	a
mm.	19.5	20.5-22.2	0-4.5
in.	0,77	0,81	0,00

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Tools

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