

PAH.NO.3GL.LC65GZ

SUMMARY

Wires

High voltage 3



Image is for illustrative purpose only

Series 1P

Termination type Female solder

IP rating 50

AWG wire size 0.00 - 0.00

Cable Ø 5.30 - 6.50 mm

Status active

Matching parts PKH.NO.3GL.AG

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PA*: Straight plug with cable collet and nut for fitting a bend relief

Keying 2 keys (beta=170; plug: female contacts, receptacle: male contacts)

Housing Material PSU (Polysulfone), gray

Variant G: Gray collet nut for bend relief

Weight 5.35 g

Performance

Configuration 1P.N03: 3 High Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 9 Amps

Specifications

Note: Increased creepage distance, pin 3 longer

Contact Type: Solder

Contact Dia.: 0.9 mm (0.04in) Bucket Dia.: 1.4 mm (0.055in)

Max. Solid Conductor: 1 mm² (AWG 18) Max. Stranded Conductor: 1 mm² (AWG 18)

R (max): 4.5 mOhm

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Test voltage (kV rms) Contact-contact: 1.5

Air clearance min.: 4.6 mm Creepage distance min.: 4.7 mm

Cable type: H07 RN-F

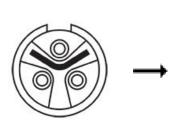
Others

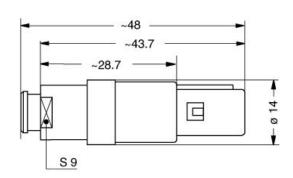
Endurance (Shell): >2000 mating cycles Temp (min / max): -50°C / +150°C

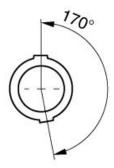
F ret (min): 50 N F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS







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Tools

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