

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series 1P
Termination type Female crimp
IP rating 50
AWG wire size 24.00 - 20.00
Cable Ø 0.00 - 0.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PK*: Fixed receptacle without hexagonal nut
Keying 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material PEI (Polyetherimide), gray
Variant Z : without front nut
Weight 5.89 g

Performance

Configuration 1P.M04 : 4 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 8 Amps

Specifications

Contact Type: Crimp
Contact Retention: 24 N
Contact Dia.: 0.9 mm (0.0354in)
Min. Conductor: 0.5 mm² (AWG 20)
Max. Conductor: 0.25 mm² (AWG 24)
R (max): 4.5 mOhm
Test voltage (kV rms) Contact-contact: 1.2

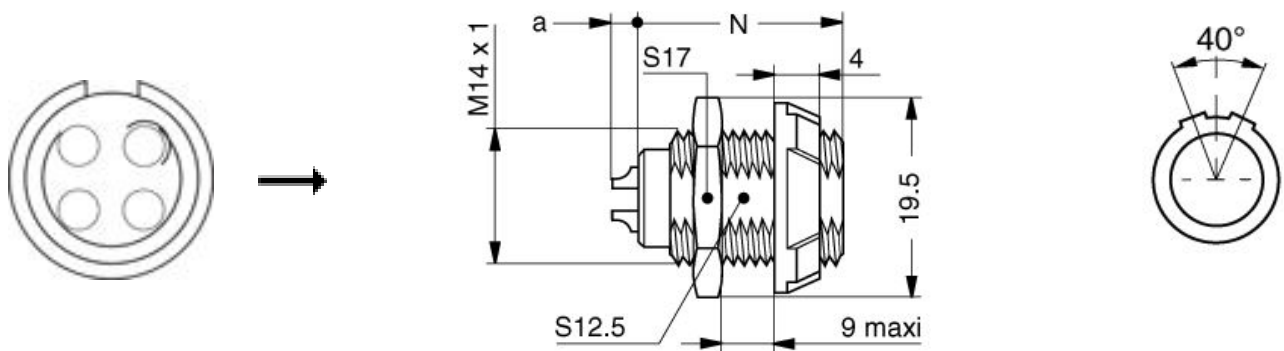
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Air clearance min.: 1.52 mm
Creepage distance min.: 1.52 mm

Others

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

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: [DCE.91.090.BVM](#)

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Extractor: [DCC.09.05B.LAG](#)

Replacement contact: SINGLE: EGG.0B.664.ZZM KIT OF 4: PKG.662.04M

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