

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series 1P
Termination type Female crimp
IP rating 50
AWG wire size 0.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PL*: Fixed receptacle, nut fixing
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material PEI (Polyetherimide), gray
Variant V : Green front nut
Weight 6.21 g

Performance

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

Specifications

Contact Type: Crimp
Contact Retention: 26 N
Contact Dia.: 0.7 mm (0.0275in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

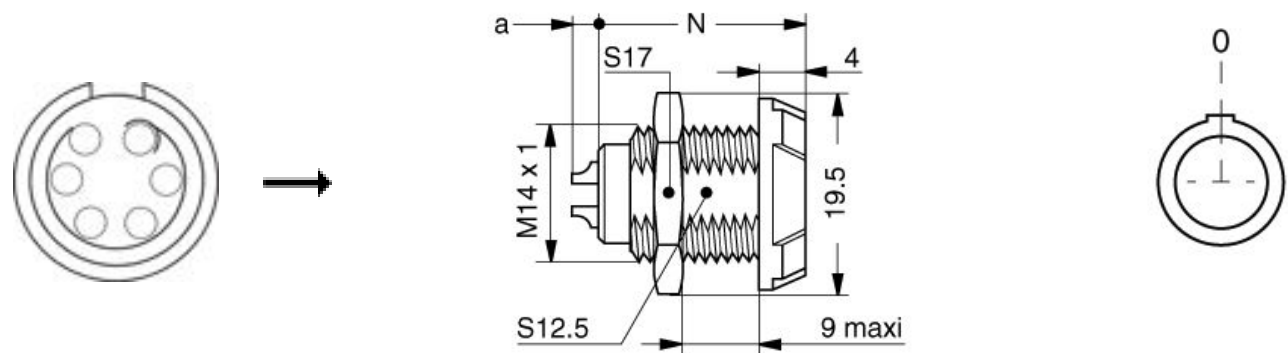
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Air clearance min.: 1.2 mm
Creepage distance min.: 1.2 mm

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	L	N
mm.	19.5	25	20.5
in.	0,77	0,98	0,81

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Positionner: [DCE.91.070.BVM](#)

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Extractor: [DCF.91.070.2LT](#)

Replacement contact: SINGLE: EGG.0B.657.ZZM KIT OF 6: PKG.657.06M

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