

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

| | |
|------------------|----------------------------------|
| Series | 1P |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 20.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | PAG.M0.2TL.AC65N |

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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), black |
| Variant | G : Gray front nut |
| Weight | 4.72 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1P.M02 : 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 10 Amps |

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.0512in)
Bucket Dia.: 1.1 mm (0.04in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.5 mOhm
Test voltage (kV rms) Contact-contact: 1.2

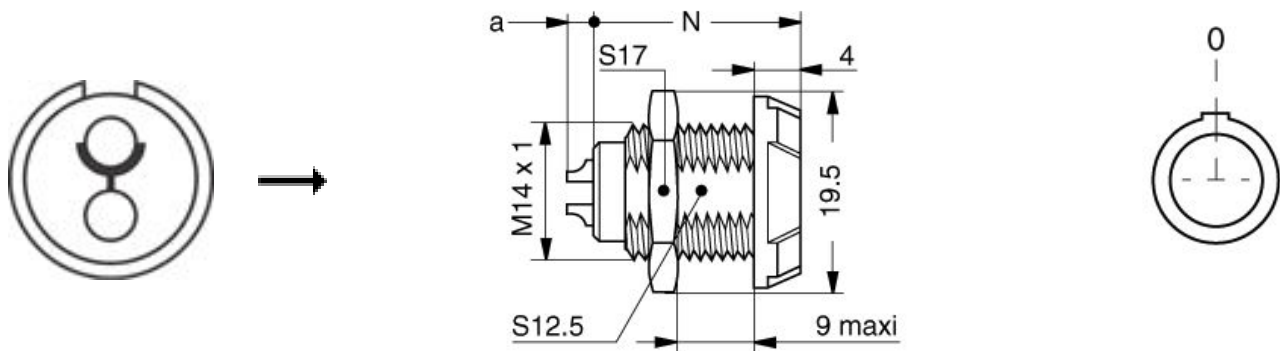
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Air clearance min.: 1.3 mm
Creepage distance min.: 1.3 mm

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 |

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Tools

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