

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|--------------|----|
| Low voltage | 12 |
| High voltage | 1 |

| | |
|------------------|-----------------------------------|
| Series | 3B |
| Termination type | Female crimp Hybrid |
| IP rating | 50 |
| AWG wire size | 24.00 - 20.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.3B.712.CJCD12 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 27.06 g |

Performance

| | |
|---------------|------------------------------|
| Configuration | 3B.712 : 1 High V. 12 Low V. |
| Insulator | J: PEEK/PEEK |
| Rated Current | 3 Amps |

Specifications

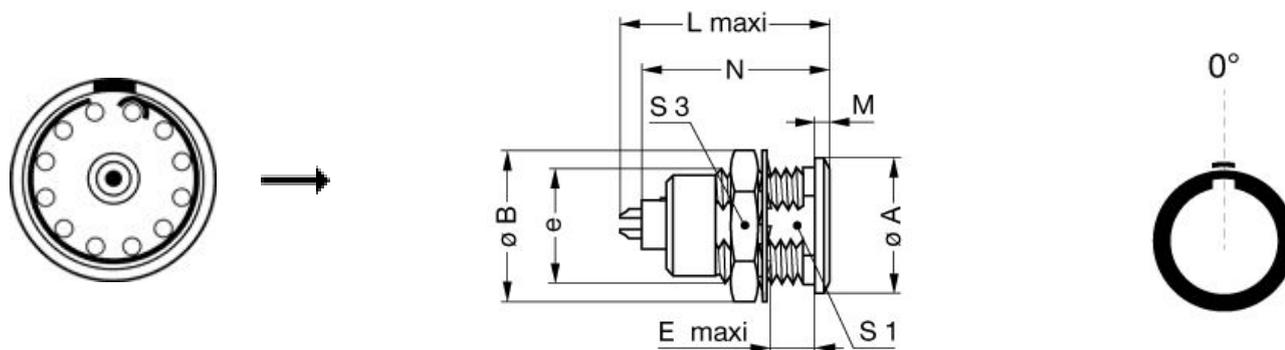
| |
|---|
| Contact Type: Crimp |
| Test voltage HV Ue (kV dc) 12 |
| Test voltage HV Ue (kV rms) 8.5 |
| Rated current HV (A) 4 |
| Test voltage LV cont-cont sold.(kV rms) 1.2 |
| Test voltage LV cont-shell sold.(kV rms) 0.85 |
| Rated current LV (A) 5 |

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Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | B | E | L | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 22 | 25 | 11.5 | 30.7 | 2 | 28.1 | 16.5 | 22 | M18x1.0 |
| in. | 0,87 | 0,98 | 0,45 | 1,21 | 0,08 | 1,11 | 0,65 | 0,87 | |

RECOMMENDED BY LEMO

Tools

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

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

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Positionner: [DCE.91.093.BVM](#)
Extractor: [DCF.91.093.5LT](#)
Replacement contact: EGG.3B.660.ZZM

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