



Image for illustrative purpose only

Summary

Request a quote

Catalog

| Number of contacts Low Voltage | 6 |
|------------------------------------|-------------------------------------------------|
| Wire Size/AWG | 24 - 16 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 6.30 - 7.70 mm |
| Size | 3B |
| Suggested matching part | FGG.3B.306.CLAD72 |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-3b-306-clld72.html

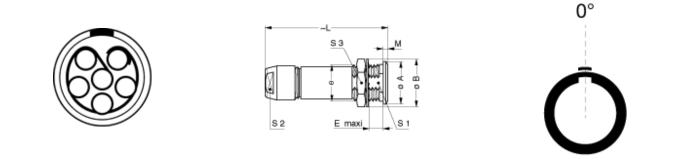
Technical details

| Number of contacts Low Voltage | 6 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 3.5 mOhm |
| Insert configuration value | 3B.306 - 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 11 A |
| Vtest (contact-contact) | 2.3 kV (DC) |
| Vtest (contact-shell) | 1.7 kV (DC) |
| Max. Solid Conductor | 1 mm^2 (AWG 16) |
| Max. Stranded Conductor | 1 mm^2 (AWG 18) |
| Bucket Dia. | 1.4 mm (0.055in) |
| Contact Dia. | 1.6 mm (0.063in) |
| Wire Size/AWG | 24 - 16 |
| Gender | Standard |
| orm & Material | |
| Shell style / Model id | PK - Fixed receptacle, nut fixing, cable collet |
| Socket / Receptacle | Fixed Panel Front Mounted |
| 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 |
| Locking system | Push-pull |
| Keying | G: 1 key (alpha=0, plug: male contacts, receptacle female contacts) |
| Colour | Grey |
| Weight | 53.67 g |

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| Technical domain | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV | | | |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Environmental sealing (IP rating) | IP50 | | | |
| Endurance | 5000 mating cycles | | | |
| Temperature range | -55°C / +250°C (max. temperature valid for short periods of use.) | | | |
| Climatical Category | 50/175/21 | | | |
| Humidity (max) | <=95% [at 60 deg C /140 F] | | | |
| Shielding (min) | 75 dB (10 MHz) | | | |
| Shielding (min) | 40 dB (1 GHz) | | | |
| Shock Resistance | 100 g [6 ms] | | | |
| Vibration | 15 g [10 Hz - 2000 Hz] | | | |
| Salt Spray Corrosion | >1000 hr | | | |
| Cable fixation | | | | |
| Cable termination protection | Standard back nut (no additional protection) | | | |
| Fixation type | Cable collet | | | |
| Jacket cable outside diameter [mm] | 6.30 - 7.70 mm | | | |
| | | | | |

Drawings



Dimensions

| | Α | В | е | E | L | S 3 | S1 | S2 | Μ |
|-----|------|------|---------|------|-----|------------|-----------|-----------|------|
| mm. | 22 | 25 | M18x1.0 | 11.5 | 56 | 22 | 16.5 | 14 | 2 |
| in. | 0.87 | 0.98 | | 0.45 | 2.2 | 0.87 | 0.65 | 0.55 | 0.08 |

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Recommended By Lemo

Accessories

Compatible cap

BRA.3B.200.PCSG

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|----------|--------|-------------|
| CMN.06.T18.070PGZE | | grey | |
| CMN.06.T18.070PNZE | | | |
| 360500 | PVC | Grey | |

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