



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 24 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 22.60 mm |
| Size | 3K |
| Suggested matching part | FGG.3K.324.CLAC11 |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/edg-3k-324-cll.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | 3K.324 - 24 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 4 A |
| Vtest (contact-contact) | 950 V (AC), 1340 V (DC) |
| Vtest (contact-shell) | 800 V (AC), 1130 V (DC) |
| Contact Type | Solder |
| Max. Solid Conductor | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor | 0.34 mm ² (AWG 22) |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.7 mm (0.028in) |
| Number of contacts Low Voltage | 24 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | ED - Fixed receptacle with square flange, protruding shell and earthing tag, 4 hole screw fixing |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system | Push-pull |
| Keying | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 52.24 g |

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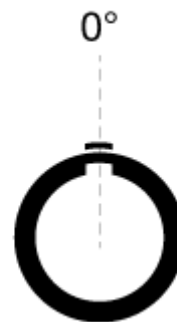
Environment

| | |
|-----------------------------------|---|
| Technical domain | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +200°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 95 dB (10 MHz) |
| Shielding (min) | 80 dB (1 GHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

Cable fixation

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 2.00 - 22.60 mm |
|------------------------------------|-----------------|

Drawings



Dimensions

| | A | H | G | L | M | N | B | C | F |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| mm. | 29 | 23 | 3.4 | 36.2 | 22.5 | 32.6 | 18 | 23 | 3 |
| in. | 1.14 | 0.91 | 0.13 | 1.43 | 0.89 | 1.28 | 0.71 | 0.91 | 0.12 |

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Recommended By Lemo

Accessories

Compatible cap

[BRE.3K.200.NAS](#)

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|----------|--------|---|
| CMN.24.T22.082PGCE | PVC | GREY |  |
| CMN.24.T22.082PGZE | | grey |  |
| CMN.24.T22.082PNCE | PVC | Black |  |
| CMN.24.T22.082PNZE | | |  |
| 224260 | PVC | Black |  |
| 248080 | PVC | Grey | |
| 324220 | PVC | Black |  |
| 324240 | PVC | Black |  |
| 424250 | PVC | Grey |  |

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