

Standard



Image for illustrative purpose only

Summary

[Request a quote](#)

BKT series

| | |
|------------------------------------|--|
| Number of contacts Low Voltage | 30 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 22.60 mm |
| Size | 3K |
| Suggested matching part | FGA.3K.330.CLAK15Z |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eea-3k-330-cll.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Number of contacts Low Voltage | 30 |
| Contact Termination Low voltage | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | 3K.330 - 30 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 3.5 A |
| Vtest (contact-contact) | 1.1 kV (DC) |
| Vtest (contact-shell) | 1 kV (DC) |
| 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) |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | EE - Fixed receptacle, nut fixing (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear 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 | 2 keys (alpha=30, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 62.5 g |

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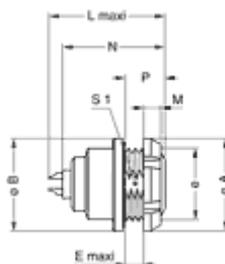
Environment

| | |
|-----------------------------------|---|
| 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 (max. temperature valid for short periods of use.) |
| Climatic 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 | B | e | E | L | M | N | P | S1 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| mm. | 30 | 31 | M24x1.0 | 7.5 | 36.2 | 4.5 | 33.6 | 12 | 22.5 |
| in. | 1.18 | 1.22 | | 0.3 | 1.43 | 0.18 | 1.32 | 0.47 | 0.89 |

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Recommended By Lemo

Accessories

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

Tools

Spanner 2 [DCM.65.270.AZ](#)

Spanner wrench [DCM.65.270.AZ](#)

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|----------|--------|---|
| CMN.30.T22.087PGCE | PVC | GREY |  |
| CMN.30.T22.087PGZE | | grey |  |
| CMN.30.T22.087PNCE | PVC | Black |  |
| CMN.30.T22.087PNZE | | |  |
| 330240 | PVC | Black |  |
| 330260 | PVC | Black |  |
| 430250 | PVC | Grey |  |

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