

Special*Image for illustrative purpose only*

Summary

[Request a quote](#)**BKT series**

| | |
|--------------------------------|--|
| Number of contacts Low Voltage | 3 |
| Gender | Reverse Gender |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Size | 3K |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eel-3k-303-kld.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Number of contacts Low Voltage | 3 |
| Contact Termination Low voltage | PCB - Straight |
| Insert configuration value | 3K.303 - 3 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 25 A |
| Vtest (contact-contact) | 2.7 kV (DC) |
| Vtest (contact-shell) | 2.1 kV (DC) |
| Contact Dia. | 2 |
| Gender | Reverse Gender |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EE - Fixed receptacle, nut fixing (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear Mounted |
| Housing material | Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | 2 keys (gamma=75, plug: female contacts, receptacle: male contacts) |
| Colour | Black |
| Weight | 58.92 g |

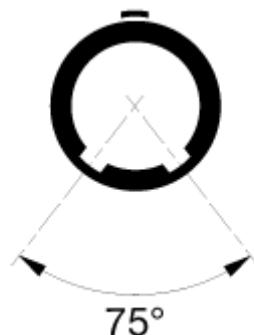
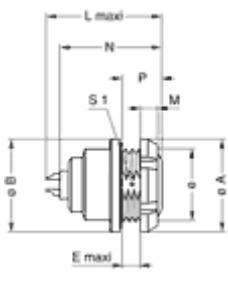
Environment

| | |
|-----------------------------------|---|
| 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 |

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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 |

Recommended By Lemo

Accessories

| | |
|----------------|--------------------------------|
| Compatible cap | BRE.3K.200.KAS |
|----------------|--------------------------------|

Tools

| | |
|-----------|-------------------------------|
| Spanner 2 | DCM.65.270.AZ |
|-----------|-------------------------------|

| | |
|----------------|--|
| Spanner wrench | Socket for torque wrench DCM.65.200.AZ and DCM.65.270.AZ |
|----------------|--|

CAD

Documents

| | |
|-----|--------------------------|
| PCB | Download |
|-----|--------------------------|

| | |
|-----------|--------------------------|
| PCB Eagle | Download |
|-----------|--------------------------|

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| Kicad | Download |
|-------|--------------------------|

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|------------|--------------------------|
| PCB Altium | Download |
|------------|--------------------------|

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