

[Standard](#)

Image for illustrative purpose only

Summary

[Request a quote](#)[Catalog](#)[Customer Drawing](#)

| | |
|--------------------------------|--|
| Number of contacts Low Voltage | 10 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Size | 2K |
| Suggested matching part | FGG.2K.310.CLAC60Z |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-2k-310-cln.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Number of contacts Low Voltage | 10 |
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 4.8 mOhm |
| Insert configuration value | 2K.310 - 10 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 8 A |
| Vtest (contact-contact) | 2 kV (DC) |
| Vtest (contact-shell) | 1.9 kV (DC) |
| Contact Dia. | 0.9 mm (0.035in) |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | EE - Fixed receptacle, nut fixing, with straight contacts for printed circuit (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 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 34.55 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 |

Recommended By Lemo

Accessories

| | |
|----------------|--------------------------------|
| Compatible cap | BRE.2K.200.NAS |
|----------------|--------------------------------|

Tools

| | |
|----------------|---|
| Spanner 2 | DCM.65.225.AZ6 |
| Spanner wrench | Socket for torque wrench DCM.2E.M20.6 |

CAD

Documents

| | |
|------------|--------------------------|
| PCB | Download |
| PCB Eagle | Download |
| Kicad | Download |
| PCB Altium | Download |

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