



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

| | |
|--------------------------------|--|
| Number of contacts Low Voltage | 2 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Size | 0B |
| Suggested matching part | FGG.0B.302.CLAD42 |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eyg-0b-302-cln.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 4.8 mOhm |
| Insert configuration value | 0B.302 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 A |
| Vtest (contact-contact) | 1300 V (AC), 1840 V (DC) |
| Vtest (contact-shell) | 1050 V (AC), 1490 V (DC) |
| Contact Type | Print (straight) |
| Contact Dia. | 0.9 mm (0.035in) |
| Number of contacts Low Voltage | 2 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EY - Fixed receptacle for printed circuit, nut fixing (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear 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 | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 7.56 g |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eyg-0b-302-cln.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Environment

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

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eyg-0b-302-cln.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.