ECA.2B.304.CLL





Image for illustrative purpose only

Summary

Request a quote

| Catalog | |
|------------------------------------|--|
| Number of contacts Low Voltage | 4 |
| Number of contacts Low Voltage | 4 |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 13.60 mm |
| Size | 2B |
| Suggested matching part | FGA.2B.304.CLAD52 |
| Series | B - Indoor keyed |

Technical details

Electrical Configuration

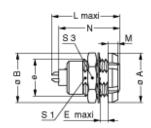
| Number of contacts Low Voltage | 4 | |
|---------------------------------|---|--|
| Contact Termination Low voltage | Solder | |
| R (max) | 3.6 mOhm | |
| Insert configuration value | 2B.304 - 4 Low Voltage | |
| Insulator | L: PEEK (UL 94 / V-0/1.5) | |
| Rated current | 15 A | |
| Vtest (contact-contact) | 2.6 kV (DC) | |
| Vtest (contact-shell) | 2.6 kV (DC) | |
| Max. Solid Conductor | 0.5 mm^2 (AWG 20) | |
| Max. Stranded Conductor | 0.5 mm^2 (AWG 20) | |
| Bucket Dia. | 1 mm (0.039in) | |
| Contact Dia. | 1.3 mm (0.051in) | |
| Wire Size/AWG | 28 - 20 | |
| Gender | Standard | |
| Form & Material | | |
| Shell style / Model id | EC - Fixed receptacle with two nuts (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 | A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts) | |
| Colour | Grey | |
| Weight | 13.42 g | |
| | | |

Environment

| Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV | | |
|--|--|--|
| IP50 | | |
| 5000 mating cycles | | |
| -55°C / +250°C (max. temperature valid for short periods of use.) | | |
| 50/175/21 | | |
| <=95% [at 60 deg C /140 F] | | |
| 75 dB (10 MHz) | | |
| 40 dB (1 GHz) | | |
| 100 g [6 ms] | | |
| 15 g [10 Hz - 2000 Hz] | | |
| >1000 hr | | |
| | | |
| 2.00 - 13.60 mm | | |
| | | |

Drawings







Dimensions

| | В | A | L | M | N | S1 | S3 | E | е |
|-----|------|------|------|------|------|------|-----------|------|---------|
| mm. | 19.2 | 20 | 26.7 | 3.5 | 24.6 | 13.5 | 17 | 6.5 | M15x1.0 |
| in. | 0.76 | 0.79 | 1.05 | 0.14 | 0.97 | 0.53 | 0.67 | 0.26 | |

Recommended By Lemo

Accessories

Compatible cap

BRE.2S.200.NAS

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|------------------|
| CMN.04.T20.053PGZE | | grey | → |
| CMN.04.T20.053PNZE | | | > —€ |
| CMN.04.T20.053QGZE | TPR (medical) | Grey | > |
| CMN.04.T22.047QGC | TPR | Grey | |
| CMN.04.T22.048QGZE | TPR (medical) | Grey | > |
| CMN.04.T28.031PGCE | PVC | GREY | > □□□• |
| CMN.04.T28.031PGZE | | grey | → |
| CMN.04.T28.031PNCE | PVC | Black | > |
| CMN.04.T28.031PNZE | | | > € |
| CMN.04.T28.031QGC | TPR | Grey | |
| 140240 | PVC | Black | |
| 140250 | PVC | Grey | > := |
| 240500 | PVC | Grey | > □ |
| 240750 | PVC | Grey | > |
| 40080 | PVC | Black | |
| 40086 | PVC | Blue | |
| 40140 | PVC | Black | |
| 40240 | PTFE | White | ≥ |
| 40260 | PVC | Black | |
| 4041 | PVC | Grey | ∍ € |
| 4050 | PVC | Black | > |
| 4080 | PVC | Grey | |
| 417920 | PVC | Grey | |
| 4220 | PVC | Black | |
| 4221 | PVC | Black | |
| 4260 | PTFE | White | > |
| 4280 | PVC | Black | |
| 80080 | PVC | Grey | |
| 80082 | PVC | Red | |
| 80084 | PVC | Black | |
| CTR.75.030.121870G | PVC | Grey | |

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eca-2b-304-cll.html}$

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.