EGC.2B.304.CYM





Image for illustrative purpose only

Summary

Request a quote

| Catalog | |
|------------------------------------|---|
| Number of centacts Low Voltage | 4 |
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| Wire Size/AWG | 20 - 18 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 13.60 mm |
| Size | 2B |
| Suggested matching part | FGC.2B.304.CYCD62 |
| Series | B - Indoor keyed |

Technical details

Electrical Configuration

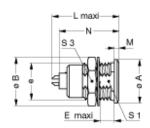
| Number of contacts Low Voltage | 4 | | |
|---------------------------------|---|--|--|
| Contact Termination Low voltage | Crimp | | |
| R (max) | 3.6 mOhm | | |
| Insert configuration value | 2B.304 - 4 Low Voltage | | |
| Insulator | Y: PEEK for crimp contacts | | |
| Rated current | 15 A | | |
| Vtest (contact-contact) | 3.2 kV (DC) | | |
| Vtest (contact-shell) | 3.2 kV (DC) | | |
| Contact retention 40 N | | | |
| Max. Conductor | 1 mm^2 (AWG 18) | | |
| Min. Conductor | 0.5 mm^2 (AWG 20) | | |
| Bucket Dia. | 1.4 mm (0.055in) | | |
| Contact Dia. | 1.3 mm (0.051in) | | |
| Wire Size/AWG | 20 - 18 | | |
| Gender | Standard | | |
| Form & Material | | | |
| Shell style / Model id | EG - Fixed receptacle, nut fixing | | |
| Socket / Receptacle | Fixed Panel Front 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 | C: 2 keys (alpha=60, plug: male contacts, receptacle female contacts) | | |
| Colour | Grey | | |
| Weight | 14.47 g | | |

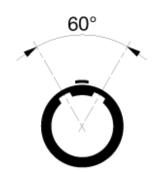
Environment

| 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 / \pm 250°C (max. temperature valid for short periods of use.) | | | |
| 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 | | | |
| Cable fixation | | | | |
| Jacket cable outside diameter [mm] | 2.00 - 13.60 mm | | | |
| | | | | |

Drawings







Dimensions

| | A | В | е | E | L | M | N | S3 | S1 | |
|-----|------|------|---------|------|------|------|------|-----------|------|--|
| mm. | 18 | 19.5 | M15x1.0 | 8.5 | 26.7 | 1.8 | 24.6 | 17 | 13.5 | |
| in. | 0.71 | 0.77 | | 0.33 | 1.05 | 0.07 | 0.97 | 0.67 | 0.53 | |

Recommended By Lemo

Accessories

| Replacement contact | EGG.2B.665.ZZM | |
|---------------------|----------------|--|
| Compatible cap | BRE.2S.200.NAS | |
| Tools | | |
| Positionner | DCE.91.132.BVM | |
| Extraction tool | DCC.13.15B.LAG | |
| Crimp tool | DPC.91.701.V | |

Cables

| CMN.04.T20.053PRZE grey CMN.04.T20.053PNZE FPR (medical) CMN.04.T22.047QGC TPR (medical) CMN.04.T22.048QGZE TPR (medical) CMN.04.T28.031PGCE PVC CMN.04.T28.031PGCE PVC CMN.04.T28.031PMZE Grey CMN.04.T28.031PMZE FPR CMN.04.T28.031PMZE Grey CMN.04.T28.031PMZE Grey 140240 PVC Black 140250 PVC Grey 240500 PVC Grey 40060 PVC Black 40060 PVC Black 40240 PTFE White 40240 PTFE White 40250 PVC Black 4041 PVC Grey 4050 PVC Black 4080 PVC Black 4220 PVC Black 4220 PVC Black 4280 PVC Black 80080 PVC <th>Cable PartNumber</th> <th>Material</th> <th>Colour</th> <th>Cable image</th> | Cable PartNumber | Material | Colour | Cable image |
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| 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black | 4221 | PVC | Black | |
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| 80082 PVC Red 80084 PVC Black | 4280 | PVC | Black | |
| 80084 PVC Black | 80080 | PVC | Grey | |
| | 80082 | PVC | Red | |
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| | CTR.75.030.121870G | PVC | Grey | > □□□= |

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