

Summary

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| | |
|------------------------------------|------------------------------|
| Number of contacts Low Voltage | 19 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 3.20 - 5.20 mm |
| Size | 2P |
| Matching parts | CKB.M19.GLLJ |
| Series | REDEL P - Push-Pull |

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m19-gla-c52j.html

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Electrical Configuration

| | |
|---------------------------------------|-----------------------------|
| Contact Termination Low voltage | Solder |
| Insert configuration value | 2P.M19 - 19 Low V. |
| Insulator | L: PEEK for solder contacts |
| Rated current | 5 Amps |
| Test voltage (kV rms) Contact-contact | 1.4 |
| Contact Type | Solder |
| Air clearance | 0.62 mm |
| Creepage distance | 0.6 mm |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.7 mm (0.027in) |
| Number of contacts Low Voltage | 19 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | CA - Straight plug with cable collet |
| Plug | Straight |
| Housing material | PSU (Polysulfone), gray |
| Locking system | Push-pull |
| Keying | 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts) |
| Weight | 9.21 g |

Environment

| | |
|--------------------------------------|---|
| Technical domain | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental protection (IP rating) | IP50 |
| Minimal temperature | -50°C / +150°C |
| F ret (max) | 250 N |
| F ret (min) | 150 N |
| Steam sterilization | 20 times (with potting on rear connection) |

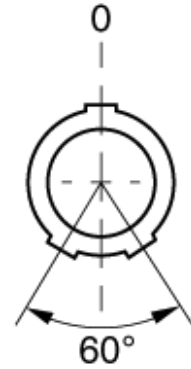
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 3.20 - 5.20 mm |

Drawings



https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m19-gla-c52j.html

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