

[Standard](#)

*Image for illustrative purpose only*

## Summary

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|                                    |                     |
|------------------------------------|---------------------|
| Number of contacts High Voltage    | 2                   |
| Gender                             | Standard            |
| Plug                               | Plug - Straight     |
| Locking system                     | Push-pull           |
| Jacket cable outside diameter [mm] | 3.20 - 5.20 mm      |
| Size                               | 2P                  |
| Series                             | REDEL P - Push-Pull |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cab-h02-gla-c52g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-h02-gla-c52g.html)

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# Technical details

## Electrical Configuration

|                                  |                                                                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of contacts High Voltage  | 2                                                                                                                                                                                                                                                      |
| Contact Termination High voltage | Solder                                                                                                                                                                                                                                                 |
| Insert configuration value       | 2P.H02 - 2 High Voltage                                                                                                                                                                                                                                |
| Insulator                        | L: PEEK for solder contacts                                                                                                                                                                                                                            |
| Rated current                    | 11 A                                                                                                                                                                                                                                                   |
| Test voltage contact-contact     | 17.96 (kV DC)                                                                                                                                                                                                                                          |
| Air clearance                    | 8.9 mm                                                                                                                                                                                                                                                 |
| Creepage distance                | 8.9 mm                                                                                                                                                                                                                                                 |
| Gender                           | Standard                                                                                                                                                                                                                                               |
| Important recommendation         | The use of potting type Epoxy or / and adhesive-lined heatshrink tubes (not provided with the connector) over each termination is necessary to achieve the indicated Air Clearance and Creepage distance values as well as the indicated Test voltage. |

## Form & Material

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| Shell style / Model id | CA - Straight plug with cable collet                                            |
| Plug                   | Straight                                                                        |
| Housing material       | PSU (Polysulfone), grey                                                         |
| Locking system         | Push-pull                                                                       |
| Keying                 | B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts) |
| Colour                 | Grey                                                                            |
| Weight                 | 7.64 g                                                                          |

## Environment

|                                   |                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------|
| Technical domain                  | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50                                                                                    |
| Temperature range                 | -50°C / +150°C                                                                          |

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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                               |

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