



## Summary

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|                                |  |
|--------------------------------|--|
| Number of contacts Low Voltage | 6  |
| Wire Size/AWG                  | 26 - 22  |
| Gender                         | Standard                                       |
| Socket / Receptacle            | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                 | Push-pull                                      |
| Size                           | 1P   |
| Matching parts                 | <a href="#">PAG.M0.6NY.YC52N</a>               |
| Series                         | REDEL P - Push-Pull                            |

## Technical details

### Electrical Configuration

|                                       |  |
|---------------------------------------|--|
| Insert configuration value            | 1P.M06_Y - 4 (0.5 mm) + 2 (1.3 mm) Low Voltage |
| Rated current                         | 10 Amps  |
| Test voltage (kV rms) Contact-contact | 1.05   |
| Air clearance                         | 0.85 mm  |
| Creepage distance                     | 0.85 mm  |
| Number of contacts Low Voltage        | 6  |
| Wire Size/AWG                         | 26 - 22  |
| Gender                                | Standard                                       |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pkg-m0-6ny-yn.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pkg-m0-6ny-yn.html)

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## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | PK - Fixed receptacle with two nuts (back panel mounting)       |
| Socket / Receptacle    | Fixed Panel Rear Mounted  |
| Housing material       | PSU (Polysulfone), black  |
| Locking system         | Push-pull   |
| Keying                 | 1 key (alpha=0, Plug: male contact, Receptacle: female contact) |
| Variant                | Black front nut   |
| Weight                 | 4.92 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)                          | 150 N   |
| F ret (min)                          | 50 N  |
| Steam sterilization                  | > 100 times (with potting on rear connection)   |

## Cable fixation

|                              |  |
|------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type                | Cable collet                                 |

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