



*Image for illustrative purpose only*

## Summary

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[P series catalog](#)

Number of contacts Low Voltage	32
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2P
Suggested matching part	<a href="#">CAB.M32.GLA.C72G</a>
Series	REDEL P - Push-Pull

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	32
Contact Termination Low voltage	PCB - Straight
Insert configuration value	2P.M32 - 32 Low V.
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK for solder contacts
Rated current	2 A
Test voltage contact-contact	1.06 (kV DC)
Air clearance	0.35 mm
Creepage distance	0.35 mm
Contact Dia.	0.5
Gender	Standard

## Form & Material

Shell style / Model id	CK - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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	6.65 g

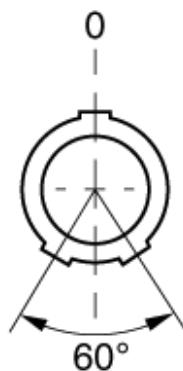
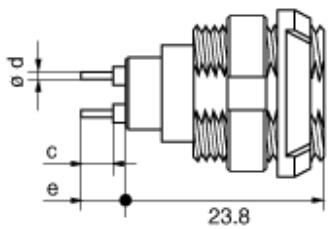
## Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	>5000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	250 N
F ret (min)	150 N
Steam sterilization	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us.

[https://www.lemo.com/int\\_en/solutions/redele/redele-p-push-pull/ckb-m32-g1ng.html](https://www.lemo.com/int_en/solutions/redele/redele-p-push-pull/ckb-m32-g1ng.html)

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# Drawings



## Dimensions

	<b>c</b>	<b>d</b>	<b>e</b>	<b>N</b>
mm.	3.0-5.7	0.5-0.7	3.0-6.0	23.8
in.				0.94

## CAD

### Documents

PCB	<a href="#">Download</a>
PCB Eagle	<a href="#">Download</a>
Kicad	<a href="#">Download</a>
PCB Altium	<a href="#">Download</a>

[https://www.lemo.com/int\\_en/solutions/rede1/rede1-p-push-pull/ckb-m32-g1ng.html](https://www.lemo.com/int_en/solutions/rede1/rede1-p-push-pull/ckb-m32-g1ng.html)

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