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Summary

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Number of contacts High Voltage	3
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	1P
Suggested matching part	PAH.N0.3GL.LC52G
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Number of contacts High Voltage	3
Contact Termination High voltage	Solder
R (max)	4.5 mOhm
Insert configuration value	1P.N03 - 3 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Test voltage contact-contact	4.81 (kV DC)
Max. Solid Conductor	1 mm ² (AWG 18)
Max. Stranded Conductor	1 mm ² (AWG 18)
Air clearance	2.00 mm
Creepage distance	2.00 mm
Cable type	H07 RN-F
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	0.9 mm (0.04in)
Gender	Reverse Gender

Form & Material

Shell style / Model id	PK - Fixed receptacle with two nuts (back panel mounting) mains power
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	H: 2 keys (beta=170, plug: female contacts, receptacle: male contacts)
Colour	Grey
Variant	Grey front nut
Weight	4.31 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)	150 N
F ret (min)	50 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.

Recommended By Lemo

Accessories

Compatible cap	PBG.200.BMV
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Tools

Spanner	POB.186.GN
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https://www.lemo.com/int_en/solutions/redeI/redeI-p-push-pull/pkh-n0-3gl-ag.html

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