



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	11
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	3P
Suggested matching part	<a href="#">FGG.3P.310.PLWD85G</a>
Series	REDEL P - Push-Pull

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	11
Contact Termination Low voltage	PCB - Straight
Insert configuration value	3P.310 - 10 Low Voltage + 1 Ground contact
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Test voltage contact-contact	4.67 (kV DC)
V <sub>test</sub>	2300 V (AC), 3300 V (DC)
Air clearance	1.25 mm
Creepage distance	1.25 mm
Contact Dia.	0.9

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing with key
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts
Colour	Grey - Red
Variant	Red front ring
Weight	11.87 g

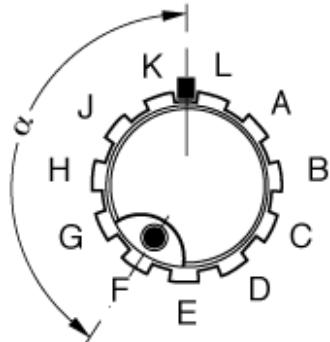
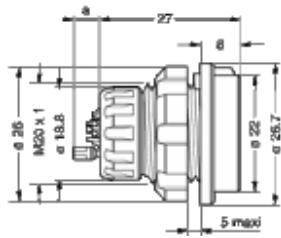
[https://www.lemo.com/int\\_en/solutions/rede1/rede1-p-push-pull/egg-3p-310-plnr.html](https://www.lemo.com/int_en/solutions/rede1/rede1-p-push-pull/egg-3p-310-plnr.html)

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## Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP61
Endurance	>3000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	200 N
F ret (min)	100 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.

## Drawings



## Dimensions

	<b>A</b>	<b>N</b>	<b>a</b>
mm.	26.7	27	4.7
in.	1.05	1.06	0.19

# CAD

## Documents

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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/rede/rede-p-push-pull/egg-3p-310-plnr.html](https://www.lemo.com/int_en/solutions/rede/rede-p-push-pull/egg-3p-310-plnr.html)

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