



Summary

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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	PAG.M0.6NY.YC52N
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
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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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