



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	30 - 22
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	SP
Series	REDEL SP - Inner Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/slp-m06-nlpn.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
Insert configuration value	SP.M06 - 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8.5 A
Test voltage contact-contact	2.7 (kV DC)
Air clearance	1.5 mm
Creepage distance	1.5 mm
Contact Dia.	0.9
Number of contacts Low Voltage	6
Wire Size/AWG	30 - 22

Form & Material

Shell style / Model id	SL_SP - Fixed socket, key (N) or keys (P, S and T), nut fixing, black front nut
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Proprietary sulfone, black
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=60, plug: male contacts, receptacle: female contacts)
Variant	Black front nut
Weight	5.27 g

Environment

Technical domain	Medical
Environmental sealing (IP rating)	IP50
Endurance	>5000 mating cycles
Temperature range	-50°C / +170°C
Steam sterilization	> 100 times

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
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Recommended By Lemo

Tools

Spanner

[SOP.019.HN](#)

Crimp tool

[DPC.91.701.V](#)

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