

Special



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Summary

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[Application leaflet Medical IEC 60601 1](#)

Number of contacts Low Voltage	22
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M14
Size	SP
Series	REDEL SP - Inner Push-Pull

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Technical details

Electrical Configuration

Number of contacts Low Voltage	22
Contact Termination Low voltage	PCB - Straight
R (max)	8.5 mOhm
Insert configuration value	SP.M22 - 22 Low V.
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	C (High Design Producibility - Reduced)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Dia.	0.5 mm (0.0196in)
Gender	Reverse Gender

Form & Material

Shell style / Model id	SK_.SP - Fixed socket, key (N) or keys (P, S and T), with two nuts (back panel mounting), black front nut
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Proprietary sulfone, black
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=50, plug: female contacts, receptacle: male contacts)
Colour	Black
Variant	Black front nut
Weight	24.63 g
Panel Drill Hole	M14

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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Drawings

