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Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	22 - 14
Plug	Plug - Straight
Locking system	Push-pull
Size	3S
Suggested matching part	ERA.3S.304.DLL
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-3s-304-dlal97.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	3S.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	18 A
Vtest	1500 V (AC), 2100 V (DC)
Contact Type	Solder
Bucket Dia.	1.8
Contact Dia.	2
Number of contacts Low Voltage	4
Wire Size/AWG	22 - 14

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
Housing material	Brass (gold plated [ISO 27874]) shell, collet nut, brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Weight	53.63 g

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>144 hr

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-3s-304-dla197.html

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

Recommended By Lemo

Accessories

Compatible cap	BFG.3B.100.PCSG
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Tools

Spanner wrench	DCP.91.023.TN
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