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Summary

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Number of contacts Low Voltage	24
Wire Size/AWG	24 - 16
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.10 - 10.00 mm
Size	5S
Suggested matching part	FFA.5S.324.CLAC10
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-5s-324-cllc10.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	24
Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	5S.324 - 24 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Test voltage (kV DC)	3.9
Max. Solid Conductor	1 mm ² (AWG 16)
Max. Stranded Conductor	1 mm ² (AWG 18)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Wire Size/AWG	24 - 16

Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	324.49 g

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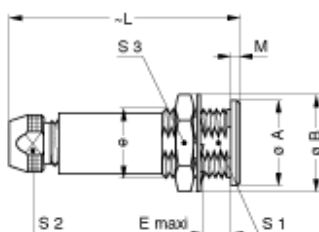
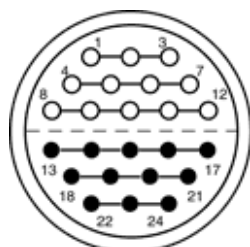
Environment

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	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.10 - 10.00 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2
mm.	40	40	M35x1.0	15.5	99	3	33.5	29
in.	1.57	1.57		0.61	3.9	0.12	1.32	1.14

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Cables

Cable PartNumber	Material	Colour	Cable image
248080	PVC	Grey	

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