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## Summary

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Number of contacts High Voltage	1
Wire Size/AWG	30 - 22
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1S
Suggested matching part	<a href="#">FFR.1S.408.CLA61</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/era-1s-408-cll.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-1s-408-cll.html)

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# Technical details

## Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	1S.408 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Rear of connector must be protected	ATUM
Test voltage (kV DC)	18
Creepage distance	20.4 mm
Contact Dia.	0.9
Wire Size/AWG	30 - 22

## Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
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	Circular, female
Colour	Grey
Weight	8.29 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

Jacket cable outside diameter [mm]	1.00 - 10.60 mm
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# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BRE.1S.200.NAS</a>
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