



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	7
Number of contacts High Voltage	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3S
Suggested matching part	<a href="#">FFA.3S.707.CJAC10Z</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/era-3s-707-cjl.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-3s-707-cjl.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	7
Contact Termination Low voltage	Solder
Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	3S.707 - 1 High V. 7 Low V.
Insulator	J: PEEK/PEEK
Rated current	LV 8, HV 3 A
Test voltage LV Ue (kV rms)	1
Working voltage HV contact - Us (kV rms)	2.1
Important recommendation	Please use heatshrink to guarantee High Voltage performance.

## 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	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	24.35 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]	2.00 - 16.60 mm
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# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BRE.3S.200.NAS</a>
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