

Standard



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

SE series

Number of contacts Low Voltage	10
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2S
Suggested matching part	<a href="#">FFA.2S.310.CLAC52</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/eep-2s-310-cln.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/eep-2s-310-cln.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	2S.310 - 10 Low Voltage
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage (kV DC)	1.2
Contact Dia.	0.9 mm (0.0354in)

## Form & Material

Shell style / Model id	EEP - Fixed receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	15.38 g

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/eep-2s-310-cln.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/eep-2s-310-cln.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

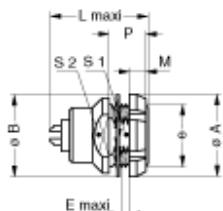
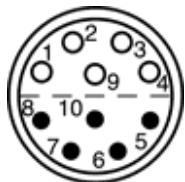
## Environment

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 (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
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

Panel Drill Hole	M15
------------------	-----

## Drawings



## Dimensions

	<b>E</b>	<b>e</b>	<b>B</b>	<b>A</b>	<b>L</b>	<b>M</b>	<b>P</b>	<b>S1</b>	<b>S2</b>
mm.	4.3	M15x1.0	19.5	20	24.5	3.5	9	13.5	15
in.	0.17		0.77	0.79	0.96	0.14	0.35	0.53	0.59

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/eep-2s-310-cln.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/eep-2s-310-cln.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Recommended By Lemo

## Accessories

---

Compatible cap	BRE.2S.200.NAS
----------------	----------------

## Tools

---

Spanner 2	DCM.65.176.AZ6
-----------	----------------

Spanner wrench	Socket for torque wrench DCM.2S.M15.6
----------------	---------------------------------------

## CAD

### Documents

---

PCB	<a href="#">Download</a>
-----	--------------------------

PCB Eagle	<a href="#">Download</a>
-----------	--------------------------

Kicad	<a href="#">Download</a>
-------	--------------------------

PCB Altium	<a href="#">Download</a>
------------	--------------------------

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/eep-2s-310-cln.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/eep-2s-310-cln.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.