

Standard



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

SE series

|                                    |                                                 |
|------------------------------------|-------------------------------------------------|
| Number of contacts Low Voltage     | 10                                              |
| Wire Size/AWG                      | 30 - 22                                         |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Panel Drill Hole                   | M15                                             |
| Jacket cable outside diameter [mm] | 7.30 - 8.20 mm                                  |
| Size                               | 2S                                              |
| Suggested matching part            | <a href="#">FFA.2S.310.CLAC77</a>               |
| Series                             | S - Indoor Stepped Insert                       |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-2s-310-cllc77.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-310-cllc77.html)

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# Technical details

## Electrical Configuration

|                                 |                               |
|---------------------------------|-------------------------------|
| Number of contacts Low Voltage  | 10                            |
| Contact Termination Low voltage | Solder                        |
| R (max)                         | 4.8 mOhm                      |
| Insert configuration value      | 2S.310 - 10 Low Voltage       |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)     |
| Rated current                   | 7 A                           |
| Test voltage (kV DC)            | 1.2                           |
| Max. Solid Conductor            | 0.34 mm <sup>2</sup> (AWG 22) |
| Bucket Dia.                     | 0.8 mm (0.031in)              |
| Contact Dia.                    | 0.9 mm (0.0354in)             |
| Wire Size/AWG                   | 30 - 22                       |

## 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                                                                                                                          |
| Panel Drill Hole       | M15                                                                                                                           |

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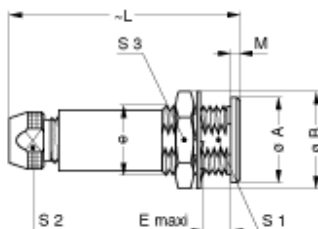
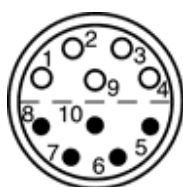
## Environment

|                                   |                                                                         |
|-----------------------------------|-------------------------------------------------------------------------|
| 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 (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

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 7.30 - 8.20 mm                               |

## Drawings



## Dimensions

|     | A    | B    | e       | E    | L    | M    | S1   | S2   | S3   | C    |
|-----|------|------|---------|------|------|------|------|------|------|------|
| mm. | 18   | 19.5 | M15x1.0 | 8.5  | 50   | 1.8  | 13.5 | 11   | 17   | 8.5  |
| in. | 0.71 | 0.77 |         | 0.33 | 1.97 | 0.07 | 0.53 | 0.43 | 0.67 | 0.33 |

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# Recommended By Lemo

| Caps           |                                 |
|----------------|---------------------------------|
| Compatible cap | <a href="#">BRE.2S.200.NAS</a>  |
| Cap 2          | <a href="#">BRE.2S.200.NAV</a>  |
| Plastic Cap    | <a href="#">BRA.2B.200.PCSG</a> |
| Cap BRR        | <a href="#">BRR.2S.200.PZVG</a> |
| Soft Cap       | <a href="#">BEZ.2B.200.SCN</a>  |

## Cables

| Cable PartNumber | Material | Colour | Cable image                                                                         |
|------------------|----------|--------|-------------------------------------------------------------------------------------|
| 110220           | PVC      | Black  |  |