



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|---|
| Number of contacts High Voltage | 1 |
| Wire Size/AWG | 18 - 10 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 9.80 - 10.50 mm |
| Size | 3S |
| Series | S - Indoor Stepped Insert |

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-3s-405-cllc11.html

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Technical details

Electrical Configuration

| | |
|----------------------------------|---------------------------|
| Contact Termination High voltage | Solder |
| Insert configuration value | 3S.405 - 1 High Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 15 A |
| Test voltage (kV DC) | 10.5 |
| Contact Type | Solder |
| Air clearance | 12.8 mm |
| Creepage distance | 12.9 mm |
| Contact Dia. | 4 |
| Number of contacts High Voltage | 1 |
| Wire Size/AWG | 18 - 10 |

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 | Circular, female |
| Colour | Grey |
| Weight | 51.33 g |

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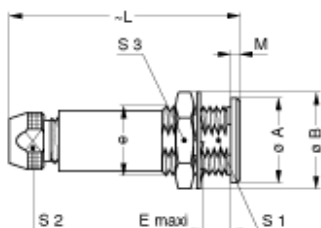
Environment

| | |
|-----------------------------------|---|
| 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] | 9.80 - 10.50 mm |

Drawings



Dimensions

| | A | B | e | E | L | M | S1 | S2 | S3 |
|-----|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| mm. | 22 | 25.2 | M18x1.0 | 11.5 | 59 | 2 | 16.5 | 14 | 22 |
| in. | 0.87 | 0.99 | | 0.45 | 2.32 | 0.08 | 0.65 | 0.55 | 0.87 |

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