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## Summary

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Number of contacts Low Voltage	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.50 - 10.50 mm
Size	2S
Suggested matching part	<a href="#">FFA.2S.140.CTAK11</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-2s-140-ctlk11.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-140-ctlk11.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	1
Contact Termination Low voltage	Solder
Insert configuration value	2S.140 - 1 Low Voltage
Insulator	T: PTFE
Rated current	40 A
Test voltage (kV DC)	2.4

## 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	46.95 g

## 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

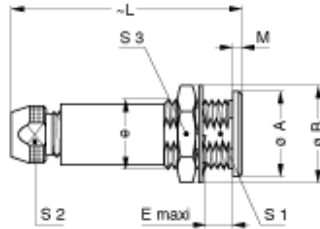
[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-2s-140-ctlk11.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-2s-140-ctlk11.html)

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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.50 - 10.50 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

## Recommended By Lemo

### Accessories

Compatible cap

[BRA.2B.200.PCSG](#)

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