

Special



Image for illustrative purpose only

Summary

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[SE series](#)

Number of contacts Low Voltage	10
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M16
Size	2S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/hcp-2s-310-clnp.html

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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	Contact LEMO for details
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	HCP - Fixed receptacle, nut fixing, watertight or vacuum-tight (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
Variant	Watertight unmated (connector to device)
Weight	23.94 g
Panel Drill Hole	M16

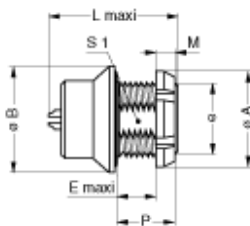
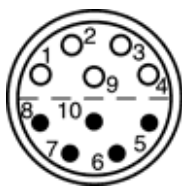
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Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatic Category	20/80/21
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]
Pressure	40 bars
Salt Spray Corrosion	>1000 hr

Drawings



Dimensions

	P	M	L	E	e	B	A	S1
mm.	16.5	3.5	29	12.5	M16x1.0	20	20	14.5
in.	0.65	0.14	1.14	0.49		0.79	0.79	0.57

Recommended By Lemo

Caps

Compatible cap	BRE.2S.200.NAS
Cap 2	BRE.2S.200.NAV

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Tools

Spanner 2

[DCM.65.170.AZ](#)

Spanner wrench

[Socket for torque wrench DCM.65.170.AZ and DCM.1E.M16.6](#)

CAD

Documents

PCB Eagle

[Download](#)

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