



Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	3
Wire Size/AWG	24 - 16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.30 - 8.20 mm
Size	2В
Suggested matching part	FGG.2B.303.CLAD82
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-2b-303-clld82.html

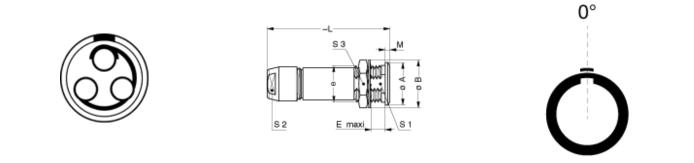
Technical details

Number of contacts Low Voltage	3 Solder				
Contact Termination Low voltage					
R (max)	3.5 mOhm				
Insert configuration value	2B.303 - 3 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	17 A				
Vtest (contact-contact)	3.5 kV (DC)				
Vtest (contact-shell)	2.6 kV (DC)				
Max. Solid Conductor	1 mm^2 (AWG 16)				
Max. Stranded Conductor	1 mm^2 (AWG 18)				
Bucket Dia.	1.4 mm (0.055in)				
Contact Dia.	1.6 mm (0.063in)				
Wire Size/AWG	24 - 16				
Gender	Standard				
Form & Material					
Shell style / Model id	PK - 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	G: 1 key (alpha=0, plug: male contacts, receptacles female contacts)				
Colour	Grey				
Weight	29.52 g				

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Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV				
Environmental sealing (IP rating)	IP50				
Endurance	5000 mating cycles				
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)				
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]	7.30 - 8.20 mm				

Drawings



Dimensions

	L	Μ	S1	S2	S 3	Е	Α	В	е
mm.	47	1.8	13.5	12	17	8.5	18	19.2	M15x1.0
in.	1.85	0.07	0.53	0.47	0.67	0.33	0.71	0.76	

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Recommended By Lemo

Accessories

Compatible cap

BRA.2B.200.PCSG

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