# PFJ.2B.303.CLAD62





Image for illustrative purpose only

### **Summary**

#### Request a quote

Catalog	
Number of contracts Law Voltage	2
Number of contacts Low Voltage	3
Wire Size/AWG	24 - 16
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2B
Suggested matching part	FHJ.2B.303.CLLD62
Series	B - Indoor keyed

## **Technical details**

### **Electrical Configuration**

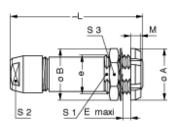
Number of contacts Low Voltage	3		
Contact Termination Low voltage	Solder		
R (max)	3.5 mOhm		
Insert configuration value	2B.303 - 3 Low Voltage		
Insulator	L: PEEK (UL 94 / V-0/1.5)		
Rated current	17 A		
Vtest (contact-contact)	3.5 kV (DC)		
Vtest (contact-shell)	2.6 kV (DC)		
Max. Solid Conductor	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	Reverse Gender		
Form & Material			
Shell style / Model id	PF - Fixed receptacle, with two nuts, cable collet (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	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)		
Colour	Grey		

#### **Environment**

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 / $\pm$ 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]	5.30 - 6.20 mm		

# **Drawings**







### **Dimensions**

	A	В	е	E	L	M	S1	<b>S2</b>	<b>S3</b>
mm.	20	20	M15x1.0	6.5	47	3.5	13.5	12	17
in.	0.79	0.79		0.26	1.85	0.14	0.53	0.47	0.67

### $\underline{https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/pfj-2b-303-clad62.html}$

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# **Recommended By Lemo**

#### **Accessories**

Compatible cap

BRA.2B.200.PCSG

### **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.03.T18.055PGZE		grey	<b>→</b>
CMN.03.T18.055PNZE			
CMN.03.T18.055QGZE	TPR (medical)	Grey	<b>⇒</b> ——€
230500	PVC	Grey	
230750	PVC	Grey	