ECB.2B.304.CLL





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	4
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Suggested matching part	FGB.2B.304.CLAD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

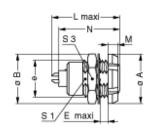
Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	2B.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Vtest (contact-contact)	2.6 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Max. Solid Conductor	0.5 mm^2 (AWG 20)
Max. Stranded Conductor	0.5 mm^2 (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20
Gender	Standard
Form & Material	
Shell style / Model id	EC - Fixed receptacle with two nuts (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	B: 2 keys (alpha=45, plug: male contacts, receptacle female contacts)
Colour	Grey
Weight	11.84 g

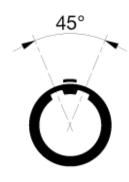
Environment

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 / $+250$ °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				
Jacket cable outside diameter [mm]	2.00 - 13.60 mm			

Drawings







Dimensions

	В	A	L	M	N	S1	S3	E	е
mm.	19.2	20	26.7	3.5	24.6	13.5	17	6.5	M15x1.0
in.	0.76	0.79	1.05	0.14	0.97	0.53	0.67	0.26	

Recommended By Lemo

Accessories

Compatible cap

BRE.2S.200.NAS

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE		grey	>
CMN.04.T20.053PNZE			> ——€
CMN.04.T20.053QGZE	TPR (medical)	Grey	>— €
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	→
CMN.04.T28.031PGCE	PVC	GREY	>
CMN.04.T28.031PGZE		grey	>€
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			>
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	>
240500	PVC	Grey	
240750	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	-3-
40240	PTFE	White	>
40260	PVC	Black	
4041	PVC	Grey	€
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	≥
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	→

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecb-2b-304-cll.html}$

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