

*Image for illustrative purpose only*

Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	34 - 28
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	00
Suggested matching part	FGB.00.303.CLAD32
Series	B - Indoor keyed

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Vtest (contact-contact)	800 V (AC), 1100 V (DC)
Vtest (contact-shell)	950 V (AC), 1300 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	3
Wire Size/AWG	34 - 28

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	2 keys (alpha=60, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	3.17 g

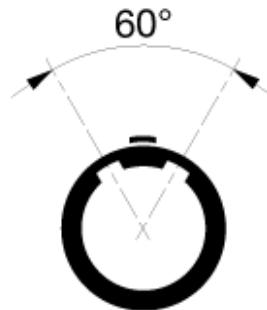
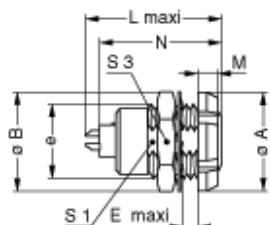
https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecb-00-303-cll.html

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Environment

Environmental sealing (IP rating)	IP50
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

Drawings



Dimensions

	A	B	S3	M	N	S1	L	E	e
mm.	10	10.2	9	2.5	13.7	6.3	13.7	4.3	M7x0.5
in.	0.39	0.4	0.35	0.1	0.54	0.25	0.54	0.17	

Recommended By Lemo

Accessories

Compatible cap	BRE.00.200.NAS
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Tools

Spanner 2	DCH.91.101.PA
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Spanner wrench	Socket for torque wrench DCM.00.M07.4
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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
30110	PVC	Grey	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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