ECJ.3B.304.CLA





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	4
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Suggested matching part	FGJ.3B.304.CLLD11
Series	B - Indoor keyed

Technical details

Electrical Configuration

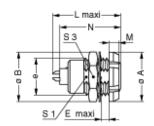
_	
Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
R (max)	3.3 mOhm
Insert configuration value	3B.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	17 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	1.8 kV (DC)
Max. Solid Conductor	1.5 mm^2 (AWG 14)
Max. Stranded Conductor	1.5 mm^2 (AWG 16)
Bucket Dia.	1.8 mm (0.071in)
Contact Dia.	2 mm (0.079in)
Wire Size/AWG	22 - 14
Gender	Reverse Gender
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=37.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	27.96 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 - 16.60 mm			

Drawings







Dimensions

	В	A	E	L	M	N	S1	S 3	е
mm.	25	24	9	30.7	4.5	28.1	16.5	22	M18x1.0
in.	0.98	0.94	0.35	1.21	0.18	1.11	0.65	0.87	

Recommended By Lemo

Accessories

Compatible cap

BRE.3S.200.NAS

Cables

CMN 04.714.083PKZE grey CMN 04.720.053PKZE grey CMN 04.720.053PKZE FR (medical) CMN 04.720.053PKZE TFR (medical) CMN 04.720.053PKZE TFR (medical) CMN 04.720.053PKZE TFR (medical) CMN 04.722.043PGZE TFR (medical) CMN 04.728.031PKZE PVC Grey ————————————————————————————————————	Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE	CMN.04.T14.083PGZE		grey	> €
CMN.04.T20.053PNZE CMN.04.T20.0530GZE TPR (medical) Grey CMN.04.T22.0470GC TPR Grey CMN.04.T28.031PGCE PVC GREY CMN.04.T28.031PGCE PVC Black CMN.04.T28.031PNZE CMN.04.T28.0	CMN.04.T14.083PNZE			→
CMN.04.T22.0470GC TPR Grey CMN.04.T22.0470GC TPR Grey CMN.04.T22.0490GZE TPR (medical) Grey CMN.04.T28.031PGCE PVC GREY CMN.04.T28.031PGCE PVC Black CMN.04.T28.031PKCE PVC Black CMN.04.T28.031PKCE PVC Grey L40240 PVC Black CMN.04.T28.031PKCE PVC Grey L40250 PVC Black L40	CMN.04.T20.053PGZE		grey	> €
CMN.04.722.047QGC TPR Grey CMN.04.722.048QGZE TPR (medical) Grey CMN.04.728.031PGCE PVC GREY CMN.04.728.031PNCE PVC Black CMN.04.728.031PNZE FPR Grey CMN.04.728.031PNZE TPR Grey 140240 PVC Black 140250 PVC Grey 240750 PVC Grey 340150 PVC Grey 40080 PVC Grey 40080 PVC Black 40080 PVC Blue 40140 PVC Blue 40240 PTFE White 40240 PTFE White 40260 PVC Black 4041 PVC Grey 417920 PVC Black 4220 PVC Black 4220 PVC Black 4260 PTFE White 4260 PTFE White <td>CMN.04.T20.053PNZE</td> <td></td> <td></td> <td>∍ €</td>	CMN.04.T20.053PNZE			∍ €
CMN.04.T22.0480GZE TPR (medical) Grey CMN.04.T28.031PGCE PVC GREY CMN.04.T28.031PNCE PVC Black CMN.04.T28.031PNZE FVC Black CMN.04.T28.031PNZE FVC Black CMN.04.T28.031PNZE FVC Grey 140240 PVC Black 140250 PVC Grey 140500 PVC Grey 140680 PVC Black 140240 PVC Black 140240 PVC Black 140240 PVC Black 140240 PVC Black 140250 PVC Grey 140500 PVC Grey 140680 PVC Black 140240 PTFE White 140240 PTFE White 140240 PVC Grey 140240 PVC Black 140240 PTFE White 140240 PVC Black 140250 PVC Black 140260 PVC Grey 140260 PVC Black 140260 P	CMN.04.T20.053QGZE	TPR (medical)	Grey	> €
CMM.04.T28.031PGCE PVC GREY CMM.04.T28.031PGZE grey CMM.04.T28.031PNCE PVC Black CMM.04.T28.031PNZE TPR Grey L40240 PVC Black	CMN.04.T22.047QGC	TPR	Grey	
CMN.04.728.031PGZE PVC Black CMN.04.728.031PNZE PVC Black CMN.04.728.031PNZE FRR Grey 140240 PVC Black 240500 PVC Grey 240500 PVC Grey 340 150 PVC Grey 340 150 PVC Black 40080 PVC Black 40140 PVC Black 40240 PVC Black 40500 PVC Grey 340 150 PVC Grey 340 150 PVC Grey 40080 PVC Black 40140 PVC Black 40240 PTFE White 40240 PTFE White 40250 PVC Grey 40260 PVC Black 40260 PVC Black 40260 PVC Black 4041 PVC Grey 4050 PVC Black 4041 PVC Grey 4050 PVC Black 4050 PVC Black 4060 PVC Black 4060 PVC Black 40740 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4280 PVC Red 4280 PVC Red	CMN.04.T22.048QGZE	TPR (medical)	Grey	₹
CMN.04.T28.031PNCE PVC Black CMN.04.T28.031PNCE FVC Grey 140240 PVC Grey CMD.04.T28.031QGC PVC Black CMD.04.T28.031QGC PVC Grey CMD.04.T28.031QGC PVC Grey CMD.04.T28.031QGC PVC Black CMD.04.T28.031QGC PVC Grey CMD.04.T28.031QGC PVC BACK PVC BAC	CMN.04.T28.031PGCE	PVC	GREY	> :
CMN.04.728.031PNZE FYR Grey 140240 PVC Black	CMN.04.T28.031PGZE		grey	> €
CMN 04.728.031QGC TPR Grey 140240 PVC Black 240500 PVC Grey 240750 PVC Grey 340 150 PVC Grey 40080 PVC Black 40040 PVC Black 40140 PVC Black 40240 PTFE White 4050 PVC Grey 4050 PVC Grey 4050 PVC Grey 4060 PVC Black 40240 PTFE White 4050 PVC Grey 4050 PVC Grey 4050 PVC Black 4041 PVC Grey 4050 PVC Black 4050 PVC Black 4050 PVC Black 4060 PVC Black 4060 PVC Black 4060 PVC Black 407920 PVC Black 4080 PVC Black 4080 PVC Grey 417920 PVC Black 4220 PVC Black	CMN.04.T28.031PNCE	PVC	Black	
140240 PVC Black 140250 PVC Grey 240500 PVC Grey 240750 PVC Grey 340 150 PVC Black 40080 PVC Blue 40140 PVC Black 40240 PTFE White 40260 PVC Black 4041 PVC Grey 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4220 PVC Black 4220 PVC Black 4280 PVC Black 80080 PVC Red 80082 PVC Black	CMN.04.T28.031PNZE			>—— €
140250 PVC Grey 240500 PVC Grey 240750 PVC Grey 340 150 PVC Black 40080 PVC Blue 40140 PVC Black 40240 PTFE White 40260 PVC Black 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4220 PVC Black 4221 PVC Black 4280 PVC Black 80080 PVC Black 80080 PVC Black 80080 PVC Black 80080 PVC Black	CMN.04.T28.031QGC	TPR	Grey	
240500 PVC Grey 240750 PVC Grey 340 150 PVC Grey 40080 PVC Black 40140 PVC Blue 40240 PTFE White 40260 PVC Black 4041 PVC Grey 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4280 PVC Black 80080 PVC Grey 80082 PVC Black	140240	PVC	Black	***
240750 PVC Grey 340 150 PVC Grey 40080 PVC Black 40086 PVC Blue 40140 PVC Black 40240 PTFE White 40260 PVC Grey 4050 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80080 PVC Grey 80080 PVC Black	140250	PVC	Grey	
340 150 PVC Grey 40080 PVC Black 40086 PVC Blue 40140 PVC Black 40240 PTFE White 4050 PVC Grey 4050 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4280 PVC Black 80080 PVC Black 80082 PVC Red 80084 PVC Grey 80086 Black 80080 PVC Black	240500	PVC	Grey	
40080 PVC Black 40086 PVC Blue 40140 PVC Black 40240 PTFE White 40260 PVC Grey 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4280 PVC Black 80080 PVC Black 80080 PVC Black 80084 PVC Black 80084 PVC Black 80084 PVC Black 80086 PVC Black	240750	PVC	Grey	>
40086 PVC Blue 40140 PVC Black 40240 PTFE White 40260 PVC Black 4041 PVC Grey 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4221 PVC Black 4260 PTFE White 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	340 150	PVC	Grey	
40140 PVC Black 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 Grey 4280 PVC Black 4080 PVC Black	40080	PVC	Black	
40240 PTFE White 40260 PVC Black 4041 PVC Grey 4050 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	40086	PVC	Blue	
40260 PVC Black 4041 PVC Grey 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4260 PTFE White 4080 PVC Grey 4280 PVC Black 80080 PVC Black 80082 PVC Red 80084 PVC Black	40140	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 Grey 80080 PVC Grey 80082 PVC Red 81080 PVC Black	40240	PTFE	White	≥
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	40260	PVC	Black	16
4080 PVC Grey 417920 PVC Black 4220 PVC Black 4221 PVC Black 4260 PTFE White 4280 PVC Grey 80080 PVC Grey 80082 PVC Red 80084 PVC Black	4041	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	4050	PVC	Black	> ■
4220 PVC Black 4221 PVC Black 4260 PTFE White 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	4080	PVC	Grey	
4221 PVC Black 4260 PTFE White 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	417920	PVC	Grey	
4260 PTFE White 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	4220	PVC	Black	
4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	4221	PVC	Black	
80080 PVC Grey 80082 PVC Red 80084 PVC Black	4260	PTFE	White	> □
80082 PVC Red 80084 PVC Black	4280	PVC	Black	R. C.
80084 PVC Black	80080	PVC	Grey	
	80082	PVC	Red	
CTR.75.030.121870G PVC Grey	80084	PVC	Black	
	CTR.75.030.121870G	PVC	Grey	

$\underline{\text{https://www.lemo.com/int}}\underline{\text{en/solutions/originals/b-indoor-keyed/ecj-3b-304-cla.html}}$

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.