# EGJ.3B.324.CLA





Image for illustrative purpose only

### **Summary**

#### Request a quote

Catalog	
Number of south the Law Valtage	24
Number of contacts Low Voltage	24
Wire Size/AWG	30 - 22
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Suggested matching part	FGJ.3B.324.CLLM52
Series	B - Indoor keyed

## **Technical details**

#### **Electrical Configuration**

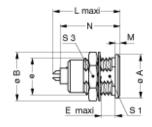
Number of contacts Low Voltage	24
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	3B.324 - 24 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1.1 kV (DC)
Max. Conductor	0.34 mm^2 (AWG 22)
Max. Stranded Conductor	0.34 mm^2 (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Reverse Gender
Form & Material	
Shell style / Model id	EG - Fixed receptacle, nut fixing
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	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	23.84 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 - 16.60 mm		

# **Drawings**







### **Dimensions**

	A	В	е	E	L	M	N	<b>S3</b>	S1	
mm.	22	25	M18x1.0	11.5	30.7	2	28.1	22	16.5	
in.	0.87	0.98		0.45	1.21	0.08	1.11	0.87	0.65	

# **Recommended By Lemo**

#### **Accessories**

Compatible cap

BRE.3S.200.NAS

### **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.24.T22.082PGCE	PVC	GREY	
CMN.24.T22.082PGZE		grey	
CMN.24.T22.082PNCE	PVC	Black	
CMN.24.T22.082PNZE			
224260	PVC	Black	
248080	PVC	Grey	
324220	PVC	Black	
324240	PVC	Black	
424250	PVC	Grey	