### ECA.3B.324.CYM





Image for illustrative purpose only

## **Summary**

#### Request a quote

Catalog	
Number of contacts Low Voltage	24
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Series	B - Indoor keyed

## **Technical details**

#### **Electrical Configuration**

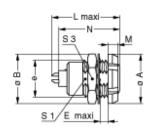
Number of contacts Low Voltage	24			
Contact Termination Low voltage	Crimp			
R (max)	6.1 mOhm			
Insert configuration value	3B.324 - 24 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	4 A			
Vtest (contact-contact)	2 kV (DC)			
Vtest (contact-shell)	2 kV (DC)			
Contact retention	22 N			
Max. Conductor	0.34 mm^2 (AWG 22)			
Min. Conductor	0.14 mm^2 (AWG 26)			
Bucket Dia.	0.8 mm (0.031in)			
Contact Dia.	0.7 mm (0.028in)			
Wire Size/AWG	26 - 22			
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	A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts)			
Colour	Grey			
Weight	30.72 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	<b>S1</b>	<b>S3</b>	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**

Replacement contact	EGG.3B.655.ZZM		
Compatible cap	BRE.3S.200.NAS		
Tools			
Positionner	DCE.91.073.BVM		
Extraction tool	DCC.07.04B.LAG		
Crimp tool	DPC.91.701.V		
Spanner wrench	Socket for torque wrench DCM.65.200.AZ		

### **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	