## EHB.2B.310.CYM





Image for illustrative purpose only

# **Summary**

### Request a quote

Catalog	
Number of contacts Low Voltage	10
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Suggested matching part	FGB.2B.310.CYCD82
Series	B - Indoor keyed

# **Technical details**

### **Electrical Configuration**

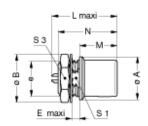
Number of contacts Low Voltage	10				
Contact Termination Low voltage	Crimp				
R (max)	4.8 mOhm				
Insert configuration value	2B.310 - 10 Low Voltage				
Insulator	Y: PEEK for crimp contacts				
Rated current	8 A				
Vtest (contact-contact)	2.6 kV (DC)				
Vtest (contact-shell)	3 kV (DC)				
Contact retention	30 N				
Max. Conductor	0.5 mm^2 (AWG 20)				
Min. Conductor	0.25 mm^2 (AWG 24)				
Bucket Dia.	1.1 mm (0.043in)				
Contact Dia.	0.9 mm (0.035in)				
Wire Size/AWG	24 - 20				
Gender	Standard				
orm & Material					
Shell style / Model id	EH - Fixed receptacle, nut fixing and protruding shell				
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	B: 2 keys (alpha=45, plug: male contacts, receptacle female contacts)				
Colour	Grey				
Weight	19.97 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**

	е	В	A	L	M	N	S1	<b>S</b> 3	E
mm.	M15x1.0	19.5	18	22.7	12.5	24.6	13.5	17	5.1
in.		0.77	0.71	0.89	0.49	0.97	0.53	0.67	0.2

# **Recommended By Lemo**

#### **Accessories**

Replacement contact	EGG.2B.660.ZZM
Tools	
Positionner	DCE.91.092.BVM
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V

## **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.10.T20.080PGZE		grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	