PKG.3B.310.CYMD12





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of cooks to Law Valtage	10
Number of contacts Low Voltage	10
Wire Size/AWG	20 - 18
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.80 - 11.90 mm
Size	3B
Suggested matching part	FGG.3B.310.CYCD12
Series	B - Indoor keyed

Technical details

Electrical Configuration

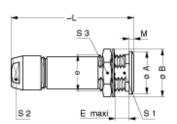
3			
Number of contacts Low Voltage	10		
Contact Termination Low voltage	Crimp		
R (max)	3.6 mOhm		
Insert configuration value	3B.310 - 10 Low Voltage		
Insulator	Y: PEEK for crimp contacts		
Rated current	12 A		
Vtest (contact-contact)	2.1 kV (DC)		
Vtest (contact-shell)	2.6 kV (DC)		
Contact retention	40 N		
Max. Conductor	1 mm^2 (AWG 18)		
Min. Conductor	0.5 mm^2 (AWG 20)		
Bucket Dia.	1.4 mm (0.055in)		
Contact Dia.	1.3 mm (0.051in)		
Wire Size/AWG	20 - 18		
Gender	Standard		
Form & Material			
Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet		
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)		
Colour	Grey		

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				
Cable termination protection	Standard back nut (no additional protection)			
Fixation type	Cable collet			
Jacket cable outside diameter [mm]	10.80 - 11.90 mm			

Drawings







Dimensions

	A	В	е	E	L	S3	S1	S2	M
mm.	22	25	M18x1.0	11.5	56	22	16.5	14	2
in.	0.87	0.98		0.45	2.2	0.87	0.65	0.55	0.08

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-3b-310-cymd12.html}$

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Recommended By Lemo

Accessories

Replacement contact	EGG.3B.665.ZZM
Compatible cap	BRA.3B.200.PCSG
Tools	
Positionner	DCE.91.133.BVM
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCD.3B.ZZZ.PA140