ECJ.3B.310.CLA



Summary

Request a quote

Catalog

Number of contacts Low Voltage	10
Wire Size/AWG	28 - 20
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
Matching parts	FGJ.3B.310.CLLD11
Series	B - Indoor keyed

Technical details

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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	3B.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 Amps
Vtest (contact-contact)	1250 V (AC), 1770 V (DC)
Vtest (contact-shell)	900 V (AC), 1270 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.5 mm^2 (AWG 20)
Max. Stranded Conductor	0.5 mm^2 (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Number of contacts Low Voltage	10
Wire Size/AWG	28 - 20
Gender	Reverse Gender

Form & Material

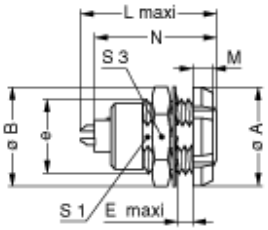
Shell style / Model id	EC - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Weight	28.01 g

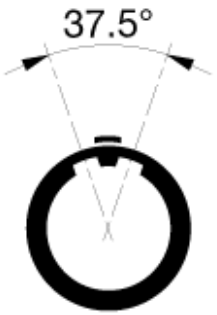
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Environment	
Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Temperature range	-55°C / +250°C
Climatical 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

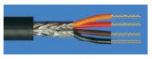
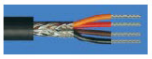
	B	A	E	L	M	N	S1	S3	e
mm.	25	24	9	30.7	4.5	28.1	16.5	22	M18x1.0
in.	0.98	0.94	0.35	1.21	0.18	1.11	0.65	0.87	

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Recommended By Lemo

Accessories	
Tools	
Spanner wrench	Socket for torque wrench DCM.65.200.AZ

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	

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