EHJ.1B.314.CLA





Image for illustrative purpose only

Summary

Request a quote

Catalog	
North and formula the Law Malke and	1.4
Number of contacts Low Voltage	14
Wire Size/AWG	34 - 28
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1B
Suggested matching part	FGJ.1B.314.CLLD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

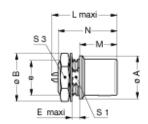
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Number of contacts Low Voltage	14
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	1B.314 - 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.7 kV (DC)
Max. Solid Conductor	0.09 mm^2 (AWG 28)
Max. Stranded Conductor	0.09 mm^2 (AWG 28)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	34 - 28
Gender	Reverse Gender
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	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	11.21 g

Environment

Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV Environmental sealing (IP rating) 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 Cable fixation Jacket cable outside diameter [mm] 1.00 - 10.60 mm						
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Salt Spray Corrosion >1000 hr Cable fixation	Shock Resistance	100 g [6 ms]				
Cable fixation	Vibration	15 g [10 Hz - 2000 Hz]				
	Salt Spray Corrosion	>1000 hr				
Jacket cable outside diameter [mm] 1.00 - 10.60 mm	Cable fixation					
	Jacket cable outside diameter [mm]	1.00 - 10.60 mm				

Drawings







Dimensions

	е	Α	В	S 3	E	L	M	N	S1	
mm.	M12x1.0	14	16	14	4.0	21.7	12	21.1	10.5	
in.		0.55	0.63	0.55	0.16	0.85	0.47	0.83	0.41	

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	