ECA.3B.304.CYM





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	4
Wire Size/AWG	16 - 12
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
Suggested matching part	FGA.3B.304.CYCD11
Series	B - Indoor keyed

Technical details

Electrical Configuration

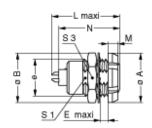
Number of contacts Low Voltage	4				
Contact Termination Low voltage	Crimp				
R (max)	3.3 mOhm				
Insert configuration value	3B.304 - 4 Low Voltage				
Insulator	Y: PEEK for crimp contacts				
Rated current	17 A				
Vtest (contact-contact)	3.4 kV (DC)				
Vtest (contact-shell)	2.5 kV (DC)				
Contact retention	65 N				
Max. Conductor	2.5 mm^2 (AWG 12)				
Min. Conductor	1.5 mm^2 (AWG 16)				
Bucket Dia.	2.4 mm (0.094in)				
Contact Dia.	2 mm (0.079in)				
Wire Size/AWG	16 - 12				
Gender	Standard				
orm & 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	31.05 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	S1	S 3	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.675.ZZM		
Compatible cap	BRE.3S.200.NAS		
Tools			
Positionner	DCE.91.203.BVCM		
Extraction tool	DCC.20.25B.LAG		
Crimp tool	DPC.91.101.A		
Spanner wrench	Socket for torque wrench DCM.65.200.AZ		

Cables

CMN 04.714.083PKZE grey CMN 04.720.053PKZE grey CMN 04.720.053PKZE FR (medical) CMN 04.720.053PKZE TFR (medical) CMN 04.720.053PKZE TFR (medical) CMN 04.720.053PKZE TFR (medical) CMN 04.722.043PGZE TFR (medical) CMN 04.728.031PKZE PVC Grey ————————————————————————————————————	Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE	CMN.04.T14.083PGZE		grey	> €
CMN.04.T20.053PNZE CMN.04.T20.0530GZE TPR (medical) Grey CMN.04.T22.0470GC TPR Grey CMN.04.T28.031PGCE PVC GREY CMN.04.T28.031PGCE PVC Black CMN.04.T28.031PNZE CMN.04.T28.0	CMN.04.T14.083PNZE			→
CMN.04.T22.0470GC TPR Grey CMN.04.T22.0470GC TPR Grey CMN.04.T22.0490GZE TPR (medical) Grey CMN.04.T28.031PGCE PVC GREY CMN.04.T28.031PGCE PVC Black CMN.04.T28.031PKCE PVC Black CMN.04.T28.031PKCE PVC Grey L40240 PVC Black CMN.04.T28.031PKCE PVC Grey L40250 PVC Black L40	CMN.04.T20.053PGZE		grey	> €
CMN.04.722.047QGC TPR Grey CMN.04.722.048QGZE TPR (medical) Grey CMN.04.728.031PGCE PVC GREY CMN.04.728.031PNCE PVC Black CMN.04.728.031PNZE FPR Grey CMN.04.728.031PNZE TPR Grey 140240 PVC Black 140250 PVC Grey 240750 PVC Grey 340150 PVC Grey 40080 PVC Grey 40080 PVC Black 40080 PVC Blue 40140 PVC Blue 40240 PTFE White 40240 PTFE White 40260 PVC Black 4041 PVC Grey 417920 PVC Black 4220 PVC Black 4220 PVC Black 4260 PTFE White 4260 PTFE White <td>CMN.04.T20.053PNZE</td> <td></td> <td></td> <td>∍ €</td>	CMN.04.T20.053PNZE			∍ €
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CMN.04.728.031PGZE PVC Black CMN.04.728.031PNZE PVC Black CMN.04.728.031PNZE FRR Grey 140240 PVC Black 240500 PVC Grey 240500 PVC Grey 340 150 PVC Grey 340 150 PVC Black 40080 PVC Black 40140 PVC Black 40240 PVC Black 40500 PVC Grey 340 150 PVC Grey 340 150 PVC Grey 40080 PVC Black 40140 PVC Black 40240 PTFE White 40240 PTFE White 40250 PVC Grey 40260 PVC Black 40260 PVC Black 40260 PVC Black 4041 PVC Grey 4050 PVC Black 4050 PVC Black 4050 PVC Black 4060 PVC Black 4060 PVC Black 4060 PVC Black 4060 PVC Black 40740 PVC Grey 4050 PVC Black 4060 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4220 PVC Black 4220 PVC Black 4280 PVC Red 4280 PVC Red	CMN.04.T22.048QGZE	TPR (medical)	Grey	₹
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CMN.04.728.031PNZE FYR Grey 140240 PVC Black	CMN.04.T28.031PGZE		grey	> €
CMN 04.728.031QGC TPR Grey 140240 PVC Black 240500 PVC Grey 240750 PVC Grey 340 150 PVC Grey 40080 PVC Black 40040 PVC Black 40140 PVC Black 40240 PTFE White 4050 PVC Grey 4050 PVC Grey 4050 PVC Grey 4060 PVC Black 40240 PTFE White 4050 PVC Grey 4050 PVC Grey 4050 PVC Black 4041 PVC Grey 4050 PVC Black 4050 PVC Black 4050 PVC Black 4060 PVC Black 4060 PVC Black 4060 PVC Black 407920 PVC Black 4080 PVC Black 4080 PVC Grey 417920 PVC Black 4220 PVC Black	CMN.04.T28.031PNCE	PVC	Black	
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240750 PVC Grey 340 150 PVC Grey 40080 PVC Black 40086 PVC Blue 40140 PVC Black 40240 PTFE White 40260 PVC Grey 4050 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80080 PVC Grey 80080 PVC Black	140250	PVC	Grey	
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40080 PVC Black 40086 PVC Blue 40140 PVC Black 40240 PTFE White 40260 PVC Grey 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4280 PVC Black 80080 PVC Black 80080 PVC Black 80084 PVC Black 80084 PVC Black 80084 PVC Black 8088 PVC Black	240750	PVC	Grey	>
40086 PVC Blue 40140 PVC Black 40240 PTFE White 40260 PVC Black 4041 PVC Grey 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4221 PVC Black 4260 PTFE White 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	340 150	PVC	Grey	
40140 PVC Black 40240 PTFE White 40260 PVC Black 4041 PVC Grey 4050 PVC Black 4080 PVC Grey 417920 PVC Grey 4220 PVC Black 4221 PVC Black 4260 PTFE White 4280 PVC Grey 4280 PVC Black 4080 PVC Black	40080	PVC	Black	
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417920 PVC Grey 4220 PVC Black 4221 PVC Black 4260 PTFE White 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	4050	PVC	Black	> ■
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4221 PVC Black 4260 PTFE White 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	417920	PVC	Grey	
4260 PTFE White 4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	4220	PVC	Black	
4280 PVC Black 80080 PVC Grey 80082 PVC Red 80084 PVC Black	4221	PVC	Black	
80080 PVC Grey 80082 PVC Red 80084 PVC Black	4260	PTFE	White	> □
80082 PVC Red 80084 PVC Black	4280	PVC	Black	R. C.
80084 PVC Black	80080	PVC	Grey	
	80082	PVC	Red	
CTR.75.030.121870G PVC Grey	80084	PVC	Black	
	CTR.75.030.121870G	PVC	Grey	

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