FAJ.2B.302.CLL





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	2
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Plug	Plug - Fixed
Locking system	Snap-on
Size	2В
Suggested matching part	PHJ.2B.302.CYCD62Z
Series	B - Indoor keyed

Technical details

Electrical Configuration

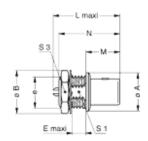
3	
Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max)	3.3 mOhm
Insert configuration value	2B.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20.5 A
Vtest (contact-contact)	3 kV (DC)
Vtest (contact-shell)	2.9 kV (DC)
Max. Solid Conductor	1.5 mm^2 (AWG 14)
Max. Stranded Conductor	1.5 mm^2 (AWG 16)
Bucket Dia.	1.8 mm (0.071in)
Contact Dia.	2 mm (0.079in)
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Form & Material	
Shell style / Model id	FA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	19.33 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

Drawings







Dimensions

	S 3	A	В	е	E	L	M	N	S1	
mm.	17	18	19.5	M15x1.0	6.0	28.7	13.8	23.9	13.5	
in.	0.67	0.71	0.77		0.24	1.13	0.54	0.94	0.53	

Cables

120240 PVC Black 120250 PVC Grey 120500 PVC Grey 120501 PVC Grey 120751 PVC Grey 20140 PVC Grey 20140 PVC Grey 20141 PVC Grey 20142 PVC Grey 20144 PVC Black 20145 PVC Black 20146 PVC Black 20260 PVC Black 20264 PVC Black	Cable PartNumber	Material	Colour	Cable image
CHANOZ TIAL 0729GZE TPR (medical) Grey Grey Grey Grey Grey Grey Grey Grey	CMN.02.T14.072PGZE		grey	-
CONTO 2.T.14 078902E	CMN.02.T14.072PNZE		black	
CNN 02 T14 078 PNZ CNN 02 T18 06 41N CV CNN 02 T20 047 PNZ CNN 02 T20	CMN.02.T14.072QGZE	TPR (medical)	Grey	
CMN 02 T30 04 PM CZ CMN 02 T3	CMN.02.T14.078PGZE		grey	
CNN02.720.047PGZE grey CNN02.720.048PGZE TPR (medical) Grey CNN02.720.048PGZE PVC GREY CNN02.728.030PGCE PVC GREY CNN02.728.030PGCE PVC Black CNN02.728.030PGZE PVC Grey 120200 PVC Grey 1202184 PVC Black 120250 PVC Grey 120250 PVC Grey 120500 PVC Grey 120501 PVC Grey 120751 PVC Grey 20140 PVC Grey 20140 PVC Grey 20141 PVC Grey 20142 PVC Grey 20143 PVC Grey 20144 PVC Black 20145 PVC Black 20146 PVC Black 20240 PTE White 20250 PVC Black	CMN.02.T14.078PNZE			
CNN.02.T20.04PPNZE CNN.02.T28.030PPCE PVC GREY CNN.02.T28.030PPCE CNN.02.T28.030PPCE PVC GREY CNN.02.T28.030PPCE PVC GREY CNN.02.T28.030PPCE CNN.02.T28.030PPCE PVC GREY CNN.02.T28.030PPCE CNN.02.T28.030PP	CMN.02.T18.064UNCU			
CNN 02 T20 0480GZE TPR (medical) Grey CNN 02 T28 030PGCE PVC GREY CNN 02 T28 030PGCE PVC Bluck CNN 02 T28 030PGCE PVC Bluck CNN 02 T28 030PGCE PVC Grey 120280 PVC Grey 120240 PVC Grey 120250 PVC Grey 120501 PVC Grey 120501 PVC Grey 120751 PVC Grey 20140 PVC Grey 20140 PVC Grey 20140 PVC Grey 20141 PVC Grey 20142 PVC Grey 20144 PVC Bluck 20145 PVC Bluck 20240 PVC Bluck 20240 PVC Bluck 20250 PVC Bluck 20260 PVC Bluck 20260 PVC Bluck	CMN.02.T20.047PGZE		grey	
CMN 02.T28.030PGCE PVC GREY GREY CMN 02.T28.030PGCE PVC Black CMN 02.T28.030PGCE PVC Black CMN 02.T28.030PGCE PVC Grey 120080 PVC Grey 120184 PVC Grey 120250 PVC Grey 120501 PVC Grey 120501 PVC Grey 120751 PVC Grey 120751 PVC Grey 120140 PVC Green 120150 PVC Green 120150 PVC Grey	CMN.02.T20.047PNZE			
CMN.02.T28.030PRGZE	CMN.02.T20.048QGZE	TPR (medical)	Grey	
CMN.02.T28.030PNCE PVC Black CMN.02.T28.030PNCE PVC Grey 120184 PVC Black CMN.02.T28.030PNCE PVC Grey 120250 PVC Grey 120500 PVC Grey 120501 PVC Black 120501 PVC Vellow 120501 PVC Black 120501 PVC Grey	CMN.02.T28.030PGCE	PVC	GREY	= =
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120184 PVC Black 120140 PVC Black 120140 PVC Black 120140 PVC Grey 120150 PVC Green 120150 PVC P	CMN.02.T28.030PNCE	PVC	Black	-
120184	CMN.02.T28.030PNZE			-
120240 PVC Black	102080	PVC	Grey	
120250 PVC Grey	120184	PVC	Black	54
120500 PVC Grey	120240	PVC	Black	
120501 PVC Grey 20140 PVC Grey 20140 PVC Grey 20141 PVC Grey 20141 PVC Grey 20142 PVC Red 20143 PVC Green 20144 PVC Green 20145 PVC Yellow 20146 PVC Black 20240 PTE White 20260 PVC Black 20260 PVC Black 20266 PVC Violet 2050 PVC Willow 20550 PUR Black 20550 PUR Black 2060 PVC Grey 20151 PVC Grey 20260 PVC Grey 202750 PVC Grey 202050 PVC Black 202060 PVC Grey 2020750 PVC Black 2020750 PVC Grey	120250	PVC	Grey	= =
120751 PVC Grey	120500	PVC	Grey	>
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20142 PVC Red	20140	PVC	Grey	
20143 PVC Green	20141	PVC	Grey	
20144 PVC Black	20142	PVC	Red	-14
20145 PVC Yellow	20143	PVC	Green	-14
20146 PVC Black 20240 PTFE White 20260 PVC Black 20264 PVC Violet 20266 PVC Violet 2050 PVC Black 20550 PUR Black 20550 PUR White 2080 PVC Grey 220151 PVC Grey 2211 PVC Grey 2221 PVC Black 32050 PTFE White 32060 PVC Grey 320750 PVC Grey	20144	PVC	Black	(e
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20266 PVC Violet 2050 PVC Black 20550 PUR Black 20560 PUR White 2080 PVC Grey 220151 PVC Grey 220750 PVC Grey 220750 PVC Grey 2211 PVC Black 2260 PTFE White 320150 PVC Grey 4082 PVC Grey	20260	PVC	Black	
2050 PVC Black 20550 PUR White 2080 PVC Grey 220151 PVC Grey 220750 PVC Grey 2211 PVC Black 2260 PTFE White 320150 PVC Grey 4082 PVC Grey	20264	PVC	Black	== 2
20550 PUR Black 20560 PUR White 2080 PVC Grey 220151 PVC Grey 220750 PVC Grey 2221 PVC Black 2260 PTFE White 2280 PVC Grey 320150 PVC Grey 4082 PVC Grey	20266	PVC	Violet	- 8
20560 PUR White 2080 PVC Grey 220151 PVC Grey 220750 PVC Grey 2221 PVC Black 2260 PTFE White 2280 PVC Black 320150 PVC Grey 4082 PVC Grey	2050	PVC	Black	=
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220750 PVC Grey 2221 PVC Black 2260 PTFE White 2280 PVC Black 320150 PVC Grey 4082 PVC Grey	2080	PVC	Grey	
2221 PVC Black 2260 PTFE White 2280 PVC Black 320150 PVC Grey 4082 PVC Grey	220151	PVC	Grey	
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320150 PVC Grey	2260	PTFE	White	
4082 PVC Grey	2280	PVC	Black	
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CMB.02.210.635 PUR Black	4082	PVC	Grey	
	CMB.02.210.635	PUR	Black	

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