

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	18.00 - 14.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	EGG.2B.303.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
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

Performance

Configuration	2B.303 : 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	17 Amps

Specifications

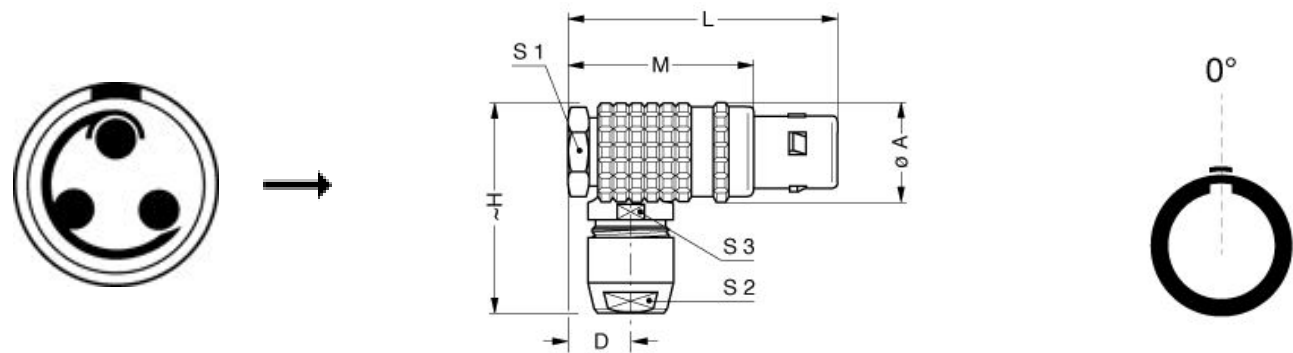
Contact Type: Crimp
Contact Retention: 50 N
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.9 mm (0.075in)
Min. Conductor: 1 mm ² (AWG 18)
Max. Conductor: 1.5 mm ² (AWG 14)
R (max): 3.5 mOhm
Vtest (contact-shell): 1900 V (AC), 2700 V (DC)
Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

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Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	16.5	9	34	41.5	29.5	14	12	13
in.	0,65	0,35	1,34	1,63	1,16	0,55	0,47	0,51

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.101.A](#)
Crimp settings: AWG/Selector = 14-16-18/7-6-5

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Positionner: [DCE.91.162.BVCM](#)

Extractor: [DCF.91.162.2LT](#)

Replacement contact: FGG.2B.570.ZZC

Spanner wrench: [DCD.2B.025.PA120](#)

Cables

CMN.03.T20.049PGZE		Grey	
CMN.03.T20.049PNZE			
130240	PVC	Black	
130250	PVC	Grey	
30260	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	

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