

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 2B
Termination type Female crimp
IP rating 54
AWG wire size 24.00 - 20.00
Cable Ø 6.30 - 7.20 mm
Status **obsolete**

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FE*: Straight plug, cable collet, front seal and nut for fitting a bend relief (IP 54 when mated)
Keying 2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Housing Material Special housing (see notes for details)
Variant Z : Nut for fitting a bend relief
Weight 23.87 g

Performance

Configuration 2B.310 : 10 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 8 Amps

Specifications

Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm² (AWG 24)
Max. Conductor: 0.5 mm² (AWG 20)

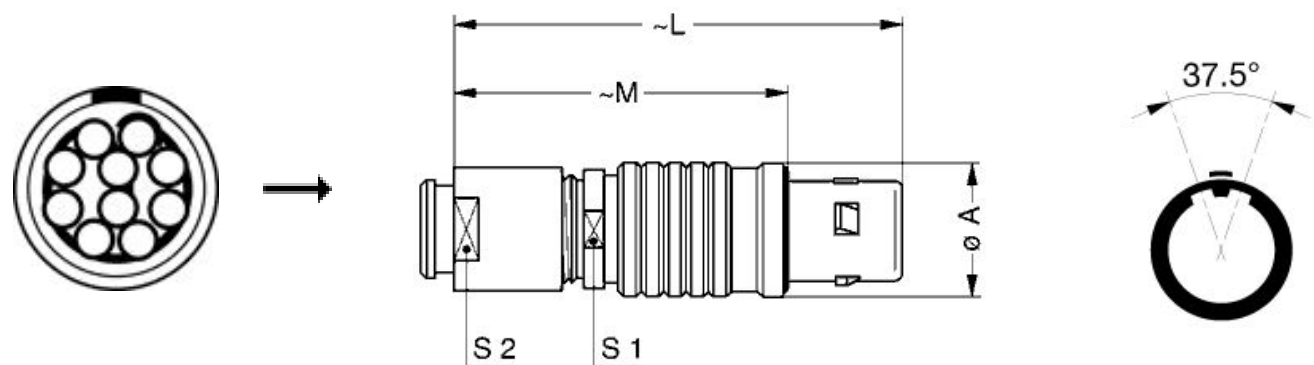
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R (max): 4.8 mOhm
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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)

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	16.5	48	36	13	12
in.	0,65	1,89	1,42	0,51	0,47




RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
 Crimp settings: AWG/Selector = 20-22-24/6-5-5
 Positionner: [DCE.91.092.BVM](#)
 Extractor: [DCF.91.090.2LT](#)
 Replacement contact: EGG.2B.660.ZZM
 Spanner wrench: [DCD.2B.025.PA120](#)

Cables

CMN.10.T22.068QGZE	TPR (medical)	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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