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FHL.2B.310.CYMD92Z

SUMMARY

Wires

Low voltage	**10**



Image is for illustrative purpose only

Series	2B
Termination type	Female crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	8.30 - 9.20 mm
Status	active

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Eplan

Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet and nut for fitting a bend relief
Keying	2 keys (gamma=70, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	43.34 g

Performance

Configuration	2B.310 : 10 Low Voltage
Insulator	Y: PEEK for crimp contacts
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 mm^2 (AWG 24)
Max. Conductor: 0.5 mm^2 (AWG 20)
R (max): 4.8 mOhm

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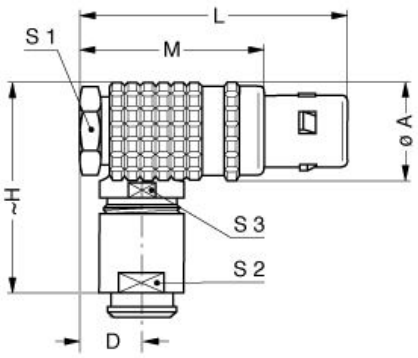
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

Others

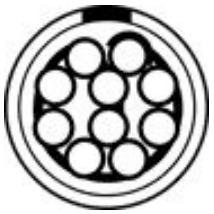
Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS

Draws







Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	16.5	9	34.3	41.5	29.5	14	12	14
in.	0.65	0.35	1.35	1.63	1.16	0.55	0.47	0.55

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

210 200	PVC	Black	

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