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FGG.1B.303.CLAD62Z

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series 1B

Termination type Male solder

IP rating 50

AWG wire size 28.00 - 20.00 Cable Ø 5.30 - 6.20 mm

Status active

Matching parts EGG.1B.303.CLL

PHG.1B.303.CLLD62Z

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Eplan Catalog

See video assembly instructions

TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief

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

Variant Z: Nut for fitting a bend relief

Weight 15.81 g

Performance

Configuration 1B.303 : 3 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 12 Amps

Specifications

Contact Type: Solder

Contact Dia.: 1.3 mm (0.051in) Bucket Dia.: 1 mm (0.039in)

Max. Solid Conductor: 0.5 mm^2 (AWG 20) Max. Stranded Conductor: 0.5 mm^2 (AWG 20)

R (max): 3.6 mOhm

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Vtest (contact-shell): 1550 V (AC), 2200 V (DC) Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

Others

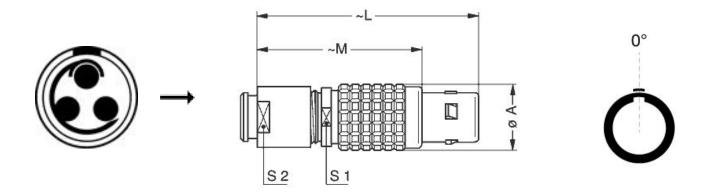
Endurance (Shell): 5000

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



Dimensions

	A	L	М	S 1	S2
mm.	12	42	31	10	9
in.	0,47	1,65	1,22	0,39	0,35

RECOMMENDED BY LEMO

Tools

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Spanner wrench: DCD.1B.015.PA090
Caps: BFG.1B.100.PCSG

Cables

230500	PVC	Grey	- :
230750	PVC	Grey	> =