



SUMMARY

Wires

Low voltage 18



Image is for illustrative purpose only

Series 3B

Termination type Coupler/adapter/bridge

IP rating 50

AWG wire size 30.00 - 22.00 Cable Ø 0.00 - 0.00 mm

Status active

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model RG*: Fixed coupler, nut fixing, key (G) at the flange end and keys (G, J or M) at the other end

Keying Front side: 1 key (alpha=0, female); Other side: 2 keys (alpha=37.5, male)

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

Weight 80.77 g

Performance

Configuration 3B.318: 18 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 7 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.9 mm (0.04in) Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm² (AWG 22) Max. Stranded Conductor: 0.34 mm² (AWG 22)

R (max): 4.8 mOhm

Vtest (contact-shell): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

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Others

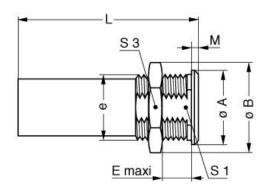
Endurance (Shell): 5000

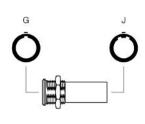
Temp (min / max): -55°C / +250°C

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	В	Е	L	М	S 1	S3	e
mm.	25	27.5	32	53	4	18.5	24	M20x1.00
in.	0,98	1,08	1,26	2,09	0,16	0,73	0,94	

RECOMMENDED BY LEMO

Tools

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