

SUMMARY

Wires

Low voltage 18



Image is for illustrative purpose only

Series	3B
Termination type	Coupler/adaptor/bridge
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active

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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

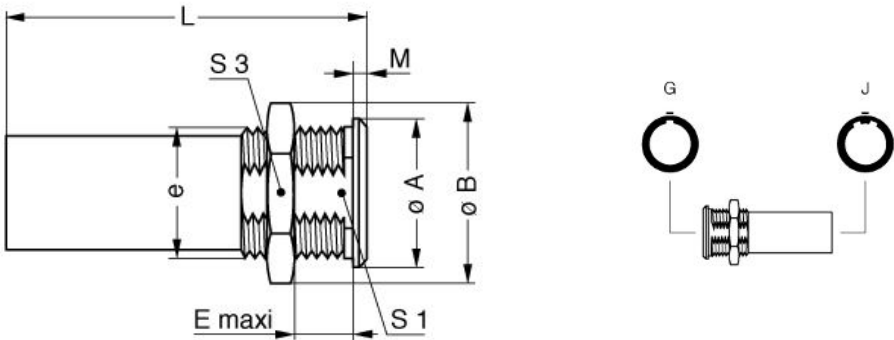
Contact Type: Solder
Contact Dia.: 0.9 mm (0.04in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

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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	B	E	L	M	S1	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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