

SUMMARY

Wires

Low voltage	3
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Image is for illustrative purpose only

Series	1B
Termination type	Coupler/adaptor/bridge
IP rating	50
AWG wire size	20.00 - 18.00
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: 1 key (alpha=0, female)
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	32.68 g

Performance

Configuration	1B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	12 Amps

Specifications

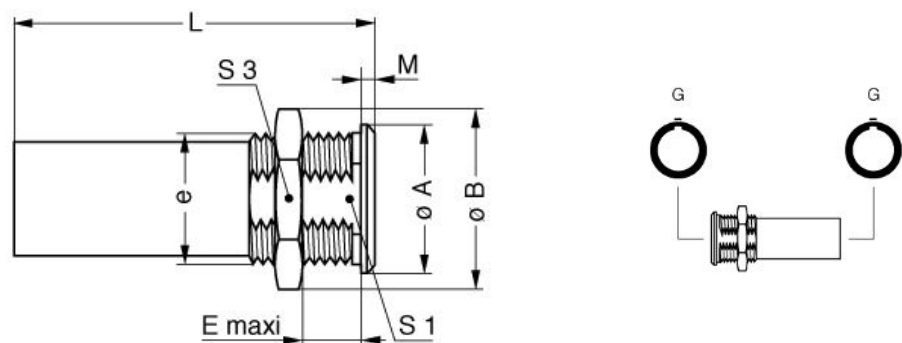
Contact Type: Crimp
Contact Retention: 40 N
Contact Dia.: 1.3 mm (0.05in)
Vtest (contact-shell): 1850 V (AC), 2600 V (DC)
Vtest (contact-contact): 1600 V (AC), 2250 V (DC)

Others

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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
12NC part number: 4022.438.33339

DRAWINGS



Dimensions

	A	B	E	Lmax	M	S1	S3	e
mm.	16	19.5	8.5	47	2.5	12.5	17	M14x1.00
in.	0,63	0,77	0,33	1,85	0,10	0,49	0,67	

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

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