

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	3S
Termination type	Male solder
IP rating	50
AWG wire size	22.00 - 14.00
Cable Ø	5.80 - 7.20 mm
Status	active
Alternative part	FLA.3S.303.CLAC72
Matching parts	ERA.3S.303.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FLA*: Elbow plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with male pin 1
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	78.21 g

Performance

Configuration	3S.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	20 Amps

Specifications

Contact Type: Solder
Vtest: 1500 V (AC), 2100 V (DC)

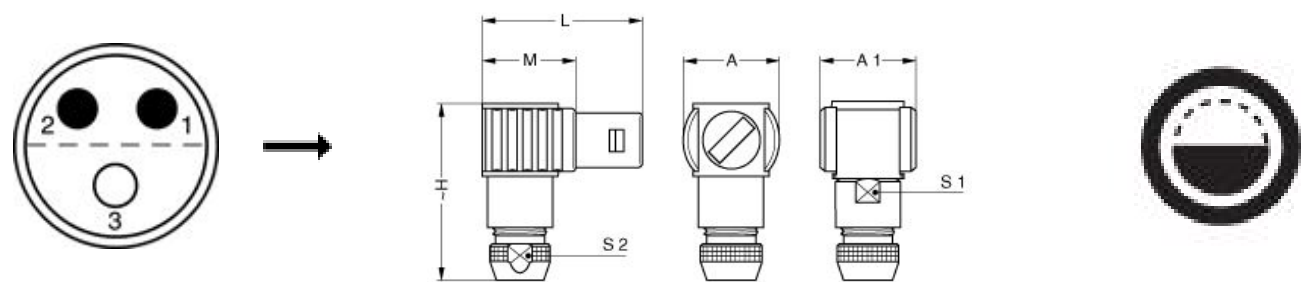
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]

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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: >144 hr

DRAWINGS



Dimensions

	A	A1	H	L	M	S1	S2
mm.	21	21	44	38.5	23.5	15	14
in.	0,83	0,83	1,73	1,52	0,93	0,59	0,55

RECOMMENDED BY LEMO

Tools

Cables

230750	PVC	Grey	
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