

SUMMARY

Wires

Low voltage 1



Image is for illustrative purpose only

Series 3S
Termination type Female solder
IP rating 68
AWG wire size 18.00 - 10.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FFA.3S.140.CLAL11](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model HGP*: Fixed receptacle, nut fixing, watertight or vacuum-tight
Keying Circular, 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
Variant PV : Watertight / Vacuum-tested
Weight 51.86 g

Performance

Configuration 3S.140 : 1 Low Voltage
Insulator T: PTFE
Rated Current 43 Amps

Specifications

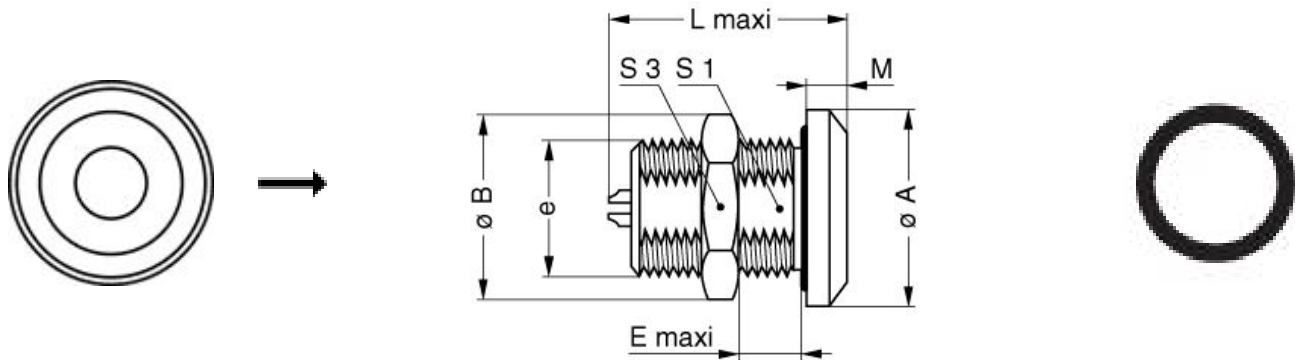
Contact Type: Solder
Vtest (contact-shell): 2400 V (AC), 3300 V (DC)
Vtest (contact-contact): 2400 V (AC), 3300 V (DC)
□

Others

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Endurance (Shell): 5000 mating cycles
 Temp (min / max): -20°C / +80°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: 20/80/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
 Salt Spray Corrosion: >1000 hr
 Pressure: 30 bars

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	28	27	18	33	6	18.5	24	M20x1.0
in.	1,10	1,06	0,71	1,30	0,24	0,73	0,94	

RECOMMENDED BY LEMO

Tools

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