

SUMMARY

Wires

Low voltage 1



Image is for illustrative purpose only

Series 3S
Termination type Special contacts/None
IP rating 68
AWG wire size 18.00 - 10.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FFA.3S.140.CTAC10](#)
[FFA.3S.140.CTAC10](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model SWH*: Fixed coupler, nut fixing, watertight or vacuum-tight
Keying Circular, flange side: female contacts, other side: female contacts
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 PVE : PVE : Potted, vacuum-tested, EPDM
Weight 84.67 g

Performance

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

Specifications

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

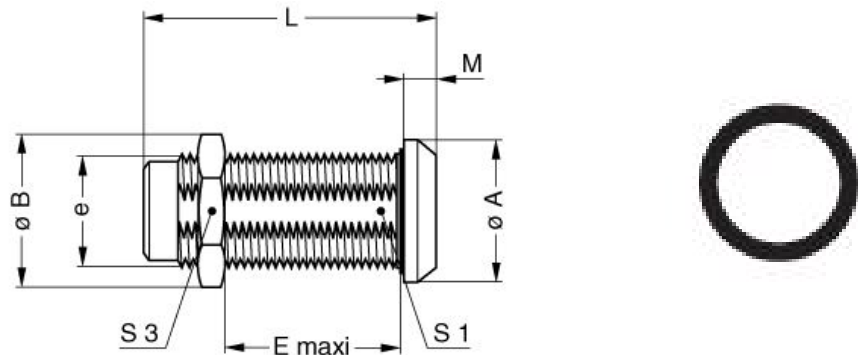
Others

Endurance (Shell): 5000 mating cycles

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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.	25	27	30	53	4	18.5	24	M20x1.0
in.	0,98	1,06	1,18	2,09	0,16	0,73	0,94	

RECOMMENDED BY LEMO

Tools

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