



EPIC® POWER LS1 A1

Circular connectors for servomotors and power supply



EPIC® POWER LS1 A3

Circular connectors for servomotors and power supply



Info

- Rotatable with clearly defined adjustment positions

Suitable contacts:

- EPIC® POWER LS1 Contacts male Page 658
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- High power at smallest installation space, Optimal solution for electric motors
- EMC-optimised design
- Safety use in field environment by high protection class

Application range

- Plant engineering
- Servo drives and servo assemblies

Technical data

<p> Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC002635 ETIM 5.0/6.0 Class-Description: Circular connector (industrial connector)</p> <p> Rated voltage (V) 630 V (2 mm contacts) 250 V (1 mm contacts)</p> <p>Rated impulse voltage 6 kV (2 mm contacts) 4 kV (1 mm contacts)</p> <p> Rated current (A) 26A/3+PE+4, 25A/5+PE (2mm contacts) 7 A (1 mm contacts)</p> <p> Pollution degree 3</p> <p>Contact resistance < 4 mOhm</p> <p> Contacts Gold-plated brass</p> <p> Number of contacts 3+PE+4(2mm/1mm) 5+PE(2mm)</p>	<p> Termination methods Crimp termination: 0.5 - 2.5 mm² (2 mm contacts) Crimp termination: 0.14 - 1.0 mm² (1 mm contacts)</p> <p> Material Housing: nickel-plated zinc die-casting, nickel-plated brass Insert: PA, Seal: FPM</p> <p> Protection rating EPIC® POWER LS1 A1 IP68 (10h/1m) EPIC® POWER LS1 A3 IP 65</p> <p> Cycle of mechanical operation 500</p> <p> VDE-tested EPIC® POWER LS1 A1 Certified production control: VDE-REG. no. B25</p> <p> Temperature range -25 °C up to +125 °C</p>
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Article number	Article description	Contacts included	Fastening type	Pin configuration	Pieces / PU
Type LS1 A1, front wall mounting, 6-pin, for male contacts					
76003000	LS1 A1	6	Ø 2.7 mm (4x)	5+PE	5
76003510	LS1 A1		Ø 2.7 mm (4x)	5+PE	20
Type LS1 A1, front wall mounting, 8-pin, for male contacts					
76004000	LS1 A1	8	Ø 2.7 mm (4x)	3+PE+4	5
76004510	LS1 A1		Ø 2.7 mm (4x)	3+PE+4	20
Type LS1 A3, angled, rotatable, 6-pin, for male contacts					
24420058	LS1 A3	6	Ø 2.7 mm (4x)	5+PE	5
24420059	LS1 A3		Ø 2.7 mm (4x)	5+PE	20
Type LS1 A3, angled, rotatable, 8-pin, for male contacts					
24420056	LS1 A3	8	Ø 2.7 mm (4x)	3+PE+4	5
24420057	LS1 A3		Ø 2.7 mm (4x)	3+PE+4	20

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