



EPIC® POWER LS1.5 D6

Circular connectors for servomotors and power supply



EPIC® POWER LS1.5 F6

Circular connectors for servomotors and power supply



Info

- EMC protection

Suitable contacts:

EPIC® POWER LS1.5 D6

- EPIC® POWER LS1.5 Contacts female
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EPIC® POWER LS1.5 F6

- EPIC® POWER LS1.5 Contacts male
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- The contacts have to be ordered separately

Benefits

- More power for servo motors
- Vibration-proof rugged design
- EMC version for cables with large cross-sections

Application range

- Plant engineering
- Servo drives and servo assemblies

Suitable tools

- EPIC® POWER LS1.5 Tools refer to page 662

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 (3.6 mm contacts) 250 V (2 mm contacts)</p> <p>Rated impulse voltage 6 kV (3.6 mm contacts) 4 kV (2 mm contacts)</p> <p> Rated current (A) 70 A (3.6-mm contacts) at 25 °C 30 A (2-mm contacts) at 25 °C</p> <p> Pollution degree 3</p> <p> Contacts Gold-plated brass</p>	<p> Number of contacts 3+PE+2(3.6mm/2mm) 3+PE+4(3.6mm/2mm)</p> <p> Termination methods Crimp termination: 0.75 - 10 mm² (3.6 mm contacts) Crimp termination: 0.14 - 4.0 mm² (2 mm contacts)</p> <p> Material Housing: nickel-plated zinc die-casting, nickel-plated brass Insert: PA, Seal: FPM</p> <p> Protection rating IP 67</p> <p> Cycle of mechanical operation 50</p> <p> Temperature range -20 °C až +125 °C</p>
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Article number	Article description	Clamping range in mm	Pin configuration	Pieces / PU
Type LS1.5 D6 for female contacts				
44429310	EPIC® POWER LS1.5 D6	9 - 14	3+PE+2	1
44429311	EPIC® POWER LS1.5 D6	14 - 20.5	3+PE+2	1
44429312	EPIC® POWER LS1.5 D6	20.5 - 26.5	3+PE+2	1
44429313	EPIC® POWER LS1.5 D6	9 - 14	3+PE+4	1
44429314	EPIC® POWER LS1.5 D6	14 - 20.5	3+PE+4	1
44429315	EPIC® POWER LS1.5 D6	20.5 - 26.5	3+PE+4	1
Type LS1.5 F6 for male contacts				
44429300	EPIC® POWER LS1.5 F6	9 - 14	3+PE+2	1
44429301	EPIC® POWER LS1.5 F6	14 - 20.5	3+PE+2	1
44429302	EPIC® POWER LS1.5 F6	20.5 - 26.5	3+PE+2	1
44429303	EPIC® POWER LS1.5 F6	9 - 14	3+PE+4	1
44429304	EPIC® POWER LS1.5 F6	14 - 20.5	3+PE+4	1
44429305	EPIC® POWER LS1.5 F6	20.5 - 26.5	3+PE+4	1

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