



EPIC® POWER LS3 A1

Circular connectors for servomotors and power supply



EPIC® POWER LS3 D6

Circular connectors for servomotors and power supply



EPIC® POWER LS3 F6

Circular connectors for servomotors and power supply



Info

- Robust power supply connector

Suitable contacts:

EPIC® POWER LS3 A1

- EPIC® POWER LS3 male contacts
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EPIC® POWER LS3 D6

- EPIC® POWER LS3 female contacts
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EPIC® POWER LS3 F6

- EPIC® POWER LS3 male contacts
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- The contacts have to be ordered separately

Benefits

- More power for servo motors
- Robust against mechanical impacts
- EMC protection

Application range

- Plant engineering
- Servo drives and servo assemblies

Suitable tools

- EPIC® POWER LS3 Tools refer to page 664

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC002635 ETIM 5.0/6.0 Class-Description: Circular connector (industrial connector)		Number of contacts 3+PE+2(10mm/1.6mm) 3+PE+4(10mm/1.6mm)
	Rated voltage (V) 630 V (10 mm contacts) 250 V (1.6 mm contacts)		Termination methods Crimp termination 10 - 50 mm ² (10 mm contacts) Crimp termination 0.75 - 1.5 mm ² (1.6 mm contacts)
	Rated impulse voltage 6 kV (10 mm contacts) 4 kV (1.6 mm contacts)		Material Housing: anodised aluminium Insert: PA Seal: FPM
	Rated current (A) 150 A (10-mm contacts) at 25 °C 12 A (1.6-mm contacts) at 25 °C		Protection rating IP 67
	Pollution degree 3		Cycle of mechanical operation 50
	Contacts Silver-plated brass Gold-plated brass		Temperature range -20 °C až +120 °C

Article number	Article description	Clamping range in mm	Fastening type	Pin configuration	Pieces / PU
Type LS3 A1 for male contacts					
44429352	LS3 A1		Ø 4.2 mm (4x)	3+PE+2	1
44429353	LS3 A1		Ø 4.2 mm (4x)	3+PE+4	1
Type LS3 D6 for female contacts					
44429344	LS3 D6	17 - 25		3+PE+2	1
44429345	LS3 D6	25 - 36		3+PE+2	1
44429346	LS3 D6	17 - 25		3+PE+4	1
44429347	LS3 D6	25 - 36		3+PE+4	1
Type LS3 F6 for male contacts					
44429348	LS3 F6	17 - 25		3+PE+2	1
44429349	LS3 F6	25 - 36		3+PE+2	1
44429350	LS3 F6	17 - 25		3+PE+4	1
44429351	LS3 F6	25 - 36		3+PE+4	1

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