



**EPIC® POWER LS1 G5**

Circular connectors for servomotors and power supply



**EPIC® POWER LS1 A6**

Circular connectors for servomotors and power supply



**i Info**

- Allows a electrical disconnecting point directly at power source

**Suitable contacts:**

**EPIC® POWER LS1 G5**

- EPIC® POWER LS1 Contacts male  
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**EPIC® POWER LS1 A6**

- EPIC® POWER LS1 Contacts female  
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- PU = 5 pieces: the contacts are included.  
2 mm contact crimp range is 0.5 - 2.5 mm<sup>2</sup>.
- 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><b>Classification ETIM 5/6</b> ETIM 5.0/6.0 Class-ID: EC002635 ETIM 5.0/6.0 Class-Description: Circular connector (industrial connector)</p> <p><b>Rated voltage (V)</b> 630 V (2 mm contacts) 250 V (1 mm contacts)</p> <p><b>Rated impulse voltage</b> 6 kV (2 mm contacts) 4 kV (1 mm contacts)</p> <p><b>Rated current (A)</b> 26A/3+PE+4, 25A/5+PE (2mm contacts) 7 A (1 mm contacts)</p> <p><b>Pollution degree</b> 3</p> <p><b>Contact resistance</b> &lt; 4 mOhm</p> <p><b>Contacts</b> Gold-plated brass</p>	<p><b>Number of contacts</b> 3+PE+4(2mm/1mm) 5+PE(2mm)</p> <p><b>Termination methods</b> Crimp termination: 0.5 - 2.5 mm<sup>2</sup> (2 mm contacts) Crimp termination: 0.14 - 1.0 mm<sup>2</sup> (1 mm contacts)</p> <p><b>Material</b> Housing: nickel-plated zinc die-casting, nickel-plated brass Insert: PA, Seal: FPM</p> <p><b>Protection rating</b> IP68 (10h/1m)</p> <p><b>Cycle of mechanical operation</b> 500</p> <p><b>VDE-tested</b> Certified production control: VDE-REG. no. B25</p> <p><b>Temperature range</b> -25°C up to +125°C</p>
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Article number	Article description	Contacts included	Fastening type	Pin configuration	Pieces / PU
<b>Type LS1 G5, front wall mounting, 6-pin, for male contacts</b>					
76153000	LS1 G5	6	M25 x 1.5 (with nut)	5+PE	5
76153510	LS1 G5		M25 x 1.5 (with nut)	5+PE	20
<b>Type LS1 G5, front wall mouning, 8-pin, for male contacts</b>					
76154000	LS1 G5	8	M25 x 1.5 (with nut)	3+PE+4	5
76154510	LS1 G5		M25 x 1.5 (with nut)	3+PE+4	20
<b>Type LS1 A6, front wall mounting, 6-pin, for female contacts</b>					
76083000	LS1 A6	6	Ø 2.7 mm (4x)	5+PE	5
76083510	LS1 A6		Ø 2.7 mm (4x)	5+PE	20
<b>Type LS1 A6, front wall mounting, 8-pin, for female contacts</b>					
76084000	LS1 A6	8	Ø 2.7 mm (4x)	3+PE+4	5

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