



### EPIC® POWER LS1.5 A1

Circular connectors for servomotors and power supply



### EPIC® POWER LS1.5 A3

Circular connectors for servomotors and power supply



### EPIC® POWER LS1.5 A6

Circular connectors for servomotors and power supply



**Info**

- Rotateable with 310° cable outlet

#### Suitable contacts:

##### EPIC® POWER LS1.5 A1

- EPIC® POWER LS1.5 Contacts male  
Page 662

##### EPIC® POWER LS1.5 A3

- EPIC® POWER LS1.5 Contacts male  
Page 662

##### EPIC® POWER LS1.5 A6

- EPIC® POWER LS1.5 Contacts female  
Page 662
- 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

**Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC002635  
ETIM 5.0/6.0 Class-Description:  
Circular connector (industrial connector)

**Rated voltage (V)**  
630 V (3.6 mm contacts)  
250 V (2 mm contacts)

**Rated impulse voltage**  
6 kV (3.6 mm contacts)  
4 kV (2 mm contacts)

**Rated current (A)**  
70 A (3.6-mm contacts) at 25 °C  
30 A (2-mm contacts) at 25 °C

**Pollution degree**  
3

**Contacts**  
Gold-plated brass

**Number of contacts**  
3+PE+2(3.6mm/2mm)  
3+PE+4(3.6mm/2mm)

**Termination methods**  
Crimp termination: 0.75 - 10 mm<sup>2</sup>  
(3.6 mm contacts)  
Crimp termination: 0.14 - 4.0 mm<sup>2</sup>  
(2 mm contacts)

**Material**  
Housing: nickel-plated zinc die-casting,  
nickel-plated brass  
Insert: PA,  
Seal: FPM

**Protection rating**  
IP 67

**Cycle of mechanical operation**  
50

**Temperature range**  
-20 °C až +125 °C

Article number	Article description	Fastening type	Pin configuration	Pieces / PU
<b>Type LS1.5 A1 for male contacts</b>				
44429308	EPIC® POWER LS1.5 A1	Ø 4.2 mm (4x)	3+PE+2	1
44429309	EPIC® POWER LS1.5 A1	Ø 4.2 mm (4x)	3+PE+4	1
<b>Type LS1.5 A3 for male contacts</b>				
44429306	EPIC® POWER LS1.5 A3	Ø 4.2 mm (4x)	3+PE+2	1
44429307	EPIC® POWER LS1.5 A3	Ø 4.2 mm (4x)	3+PE+4	1
<b>Type LS1.5 A6 for female contacts</b>				
44429316	EPIC® POWER LS1.5 A6	Ø 4.2 mm (4x)	3+PE+2	1
44429317	EPIC® POWER LS1.5 A6	Ø 4.2 mm (4x)	3+PE+4	1

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