

## EPIC® POWER LS1 A3

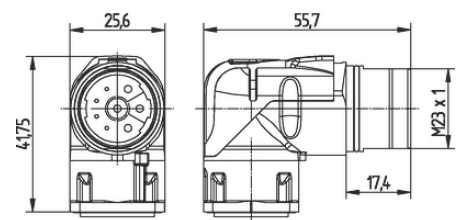
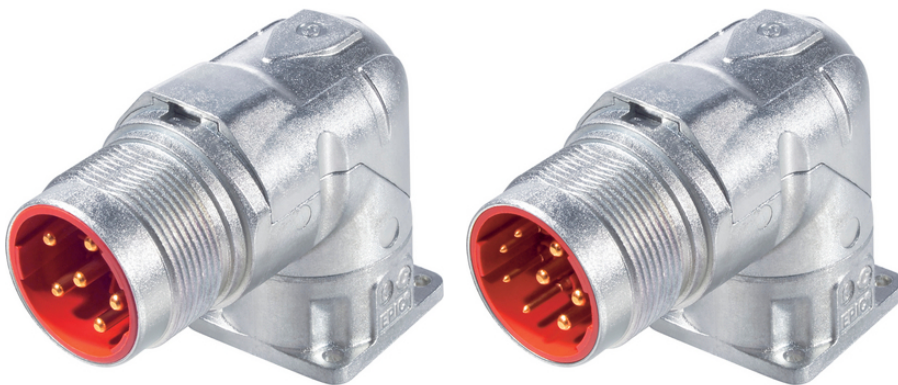
Circular connectors for servomotors and power supply

EPIC® LS1 for male contacts angled, swivel

### Info

Rotateable with clearly defined adjustment positions

Made in Germany



Mechanical and plant engineering



Wind Energy



Good chemical resistance



Corrosion-resistant



Maximum vibration protection



Mechanical resistance



Assembly time



Space requirement



Robust

Last Update (18.05.2025)

©2025 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## EPIC® POWER LS1 A3



Interference signals



Waterproof



Variety of approval certifications

### 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

|                                |   |
|--------------------------------|---|
| Classification ETIM 5:         | ETIM 5.0 Class-ID: EC002635<br>ETIM 5.0 Class-Description: Circular connector (industrial connector)                          |
| Classification ETIM 6:         | ETIM 6.0 Class-ID: EC002635<br>ETIM 6.0 Class-Description: Circular connector (industrial connector)                          |
| Rated voltage (V):             | 630 V (2 mm contacts)<br>250 V (1 mm contacts)  |
| Rated impulse voltage:         | 6 kV (2 mm contacts)<br>4 kV (1 mm contacts)  |
| Rated current (A):             | 26A/3+PE+4, 25A/5+PE (2mm contacts)<br>7 A (1 mm contacts)  |
| Pollution degree:              | 3   |
| Contact resistance:            | < 4 mOhm  |
| Contacts:                      | Gold-plated brass   |
| Number of contacts:            | 3+PE+4(2mm/1mm)<br>5+PE(2mm)  |
| Termination methods:           | Crimp termination: 0.5 - 2.5 mm <sup>2</sup> (2 mm contacts)<br>Crimp termination: 0.14 - 1.0 mm <sup>2</sup> (1 mm contacts) |
| Material:                      | Housing: nickel-plated zinc die-casting, nickel-plated brass<br>Insert: PA,<br>Seal: FPM                                      |
| Protection rating:             | IP 65   |
| Cycle of mechanical operation: | 500   |
| VDE-tested:                    | UL File Number: E249137   |
| Temperature range:             | -25°C up to +125°C  |

### Note

Last Update (18.05.2025)

©2025 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

**EPIC® POWER LS1 A3**

Photographs and graphics are not to scale and do not represent detailed images of the respective products.  
Prices are net prices without VAT and surcharges. Sale to business customers only.

**EPIC® POWER LS1 A3**

| Article number   | Article description | Contacts included | Clamping range in mm | Fastening type | Pin configuration | Packaging unit |
|--|---------------------|-------------------|----------------------|----------------|-------------------|----------------|
| 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             |

Last Update (18.05.2025)

©2025 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)You can find the current technical data in the corresponding data sheet.  
PN 0456 / 02\_03.16