


|                           |                       |   |
|---------------------------|-----------------------|---|
| 44429316                  | <b>DATA SHEET</b>     |  |
| Valid from:<br>17.09.2018 | <b>EPIC® LS1.5 A6</b> |   |

## Description

- Circular connectors for servomotors and power supply
- More power for servo motors
- With the proven vibrationsafe contacts
- EMC version for cables with large cross-sections



## General Characteristics

|                               |   |
|-------------------------------|---|
| Series                        | LS 1.5  |
| Version                       | for female contacts   |
| Pin configuration             | 3+PE+2 / 3+PE+4   |
| Rated voltage (V)             | 630 V (3,6mm Contacts)<br>250 V (2mm Contacts)  |
| Rated impulse voltage         | 6 kV (3,6mm Contacts)<br>4 kV (2mm Contacts)  |
| Rated current (A)             | 70 A (3.6-mm contacts) at 25 °C<br>30 A (2-mm contacts) at 25 °C  |
| Contacts                      | Gold plated brass   |
| Number of contacts            | 3+PE+2 / 3+PE+4   |
| Termination methods           | Crimp termination: 0.75 - 10 mm <sup>2</sup> (3.6 mm contacts)<br>Crimp termination: 0.14 - 4.0 mm <sup>2</sup> (2 mm contacts) |
| Protection                    | IP 67   |
| Cycle of mechanical operation | 50  |
| Temperature range             | -20°C to +125°C   |
| Degree of soiling             | 3   |


## Product Variations

| Article- Number                          | Article        | Fastening type | Pin configuration |
|--|----------------|----------------|-------------------|
| <b>Type LS1.5 A6 for female contacts</b> |                |                |                   |
| 44429316                                 | EPIC® LS1.5 A6 | Ø4,2mm (4x)    | 3+PE+2            |
| 44429317                                 | EPIC® LS1.5 A6 | Ø4,2mm (4x)    | 3+PE+4            |

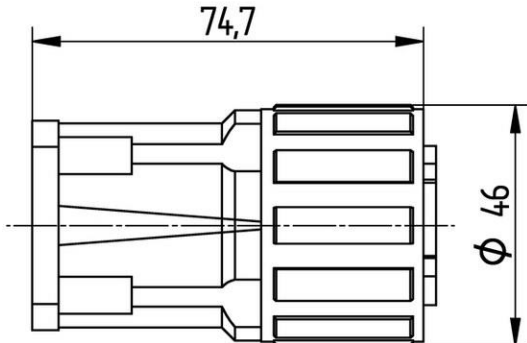
## Materials and Surfaces

|         |   |
|---------|---|
| Housing | Nickel-plated zinc die-casting, nickel-plated brass |
| Insert  | PA  |
| Seal    | FPM   |

|   |                                       |             |
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## Technical Drawings



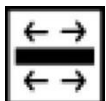
Wide clamping range



Industrial machinery and plant engineering



Mechanical resistance



Optimum strain relief



Robust



Waterproof

## Application range

Plant engineering

Servo drives and servo assemblies

## Remark

Photographs are not to scale and do not represent detailed images of the respective products.

|   |                                       |             |
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