

**EPIC® POWER LS1.5 A SCM 3,6MM AU 6,0-10,0****Article No.:** 44429338

Contact for design: LS1.5; Pin; Crimp termination; For cross-section (min./max.): 6mm<sup>2</sup> - 10mm<sup>2</sup>; Brass Gold-plated

**Details****Benefits**

- High-quality, solid or twisted contact for the safe transmission of higher currents.
- Crimp termination creates a vibration-proof connection, provides maximum contact protection between the contact and cable and is suitable for automated assembly.
- With corrosion-resistant gold coating for the low contact resistances and long product life.

**Application**

- For use with plug connectors of the EPIC® POWER LS1.5 series.

**Notes**

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

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

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

### Remarks

### Technical Data

#### General information

|                       |         |
|-----------------------|---------|
| Brand                 | EPIC®   |
| Product type          | Contact |
| Contact delivery type | Bag     |
| Delivery Unit         | 10      |
| Mounting method       | crimp   |

#### Electrical parameters

|                       |                       |
|-----------------------|-----------------------|
| Rated current contact | 70 A according to IEC |
|-----------------------|-----------------------|

#### Product design

|  |                    |
|--|--------------------|
| Diameter contact   | 0.142 in           |
| Contact length   | 1.409 in           |
| Contact variant  | Pin                |
| Contact manufacturing method   | Machined           |
| Connection type conductor  | Crimp termination  |
| Contact for design   | LS1.5              |
| Stripping length of the individual wire  | 0.394 in           |
| Connectable conductor cross section min. (AWG)                                 | 9 AWG              |
| Max. connectable conductor cross-section AWG                                   | 8 AWG              |
| Min. connectable conductor cross-section (mm <sup>2</sup> ) (in <sup>2</sup> ) | 6 mm <sup>2</sup>  |
| Max. connectable conductor cross-section (mm <sup>2</sup> ) (in <sup>2</sup> ) | 10 mm <sup>2</sup> |
| Material contact   | Brass              |

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|                                      |             |
|--------------------------------------|-------------|
| Contact material, short form         | CuZn        |
| Contact coating material             | Gold-plated |
| Contact coating material, short form | Au          |
| Colour description                   | gold        |

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**Product features**

|                          |        |
|--------------------------|--------|
| Contact type application | Energy |
|--------------------------|--------|

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**Certifications and standards**

|                                   |                          |
|-----------------------------------|--------------------------|
| EAC certified                     | Not required             |
| EAC certification number          | Отказное письмо № 39     |
| UR recognized                     | No                       |
| cUR recognized                    | No                       |
| VDE certified                     | No                       |
| Product standard according to IEC | IEC 61984<br>IEC 60352-2 |

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**EPIC® POWER LS1.5 Contacts**

| Article No. | Name                                      | Contact variant | Diameter contact | Min. connectable conductor cross-section (mm2) (in2) | Max. connectable conductor cross-section (mm2) (in2) | Contact type application | Delivery Unit |
|-------------|---|-----------------|------------------|--|--|--------------------------|---------------|
| 44429318    | EPIC® POWER LS1.5 D BCM 3,6MM AU 1,0-2,5  | Socket          | 0.142 in         | 1 mm <sup>2</sup>                                    | 2.5 mm <sup>2</sup>                                  | Energy                   | 10            |
| 44429319    | EPIC® POWER LS1.5 D BCM 3,6MM AU 2,5-4,0  | Socket          | 0.142 in         | 2.5 mm <sup>2</sup>                                  | 4 mm <sup>2</sup>                                    | Energy                   | 10            |
| 44429320    | EPIC® POWER LS1.5 D BCM 3,6MM AU 4,0-6,0  | Socket          | 0.142 in         | 4 mm <sup>2</sup>                                    | 6 mm <sup>2</sup>                                    | Energy                   | 10            |
| 44429321    | EPIC® POWER LS1.5 D BCM 3,6MM AU 6,0-10,0 | Socket          | 0.142 in         | 6 mm <sup>2</sup>                                    | 10 mm <sup>2</sup>                                   | Energy                   | 10            |
| 44429323    | EPIC® POWER LS1.5 D BCM 2MM AU 0,75-1,5 ( | Socket          | 0.079 in         | 0.75 mm <sup>2</sup>                                 | 1.5 mm <sup>2</sup>                                  | Energy / Signal          | 10            |
| 44429324    | EPIC® POWER LS1.5 D BCM 2MM AU 1,0-2,5 (1 | Socket          | 0.079 in         | 1 mm <sup>2</sup>                                    | 2.5 mm <sup>2</sup>                                  | Energy / Signal          | 10            |
| 44429325    | EPIC® POWER LS1.5 D BCM 2MM AU 4,0 (10)   | Socket          | 0.079 in         | 2.5 mm <sup>2</sup>                                  | 4 mm <sup>2</sup>                                    | Energy / Signal          | 10            |
| 44429326    | EPIC® POWER LS1.5 F SCM 3,6MM AU 1,0-2,5  | Pin             | 0.142 in         | 1 mm <sup>2</sup>                                    | 2.5 mm <sup>2</sup>                                  | Energy                   | 10            |
| 44429327    | EPIC® POWER LS1.5 F SCM 3,6MM AU 2,5-4,0  | Pin             | 0.142 in         | 2.5 mm <sup>2</sup>                                  | 4 mm <sup>2</sup>                                    | Energy                   | 10            |
| 44429328    | EPIC® POWER LS1.5 F SCM 3,6MM AU 4,0-6,0  | Pin             | 0.142 in         | 4 mm <sup>2</sup>                                    | 6 mm <sup>2</sup>                                    | Energy                   | 10            |
| 44429329    | EPIC® POWER LS1.5 F SCM 3,6MM AU 6,0-10,0 | Pin             | 0.142 in         | 6 mm <sup>2</sup>                                    | 10 mm <sup>2</sup>                                   | Energy                   | 10            |
| 44429330    | EPIC® POWER LS1.5 F SCM 2MM AU 0,25-1,0 ( | Pin             | 0.079 in         | 0.25 mm <sup>2</sup>                                 | 1 mm <sup>2</sup>                                    | Energy / Signal          | 10            |
| 44429331    | EPIC® POWER LS1.5 F SCM 2MM AU 0,75-1,5 ( | Pin             | 0.079 in         | 0.75 mm <sup>2</sup>                                 | 1.5 mm <sup>2</sup>                                  | Energy / Signal          | 10            |
| 44429332    | EPIC® POWER LS1.5 F SCM 2MM AU 1,0-2,5 (1 | Pin             | 0.079 in         | 1 mm <sup>2</sup>                                    | 2.5 mm <sup>2</sup>                                  | Energy / Signal          | 10            |
| 44429335    | EPIC® POWER LS1.5 A SCM 3,6MM AU 1,0-2,5  | Pin             | 0.142 in         | 1 mm <sup>2</sup>                                    | 2.5 mm <sup>2</sup>                                  | Energy                   | 10            |

| Article No. | Name                                      | Contact variant | Diameter contact | Min. connectable conductor cross-section (mm2) (in2) | Max. connectable conductor cross-section (mm2) (in2) | Contact type application | Delivery Unit |
|-------------|---|-----------------|------------------|--|--|--------------------------|---------------|
| 44429337    | EPIC® POWER LS1.5 A SCM 3,6MM AU 4,0-6,0  | Pin             | 0.142 in         | 4 mm <sup>2</sup>                                    | 6 mm <sup>2</sup>                                    | Energy                   | 10            |
| 44429338    | EPIC® POWER LS1.5 A SCM 3,6MM AU 6,0-10,0 | Pin             | 0.142 in         | 6 mm <sup>2</sup>                                    | 10 mm <sup>2</sup>                                   | Energy                   | 10            |
| 44429341    | EPIC® POWER LS1.5 A SCM 2MM AU 0,75-1,5 ( | Pin             | 0.079 in         | 0.75 mm <sup>2</sup>                                 | 1.5 mm <sup>2</sup>                                  | Energy / Signal          | 10            |

V1.1