

# CK4,0-ED-1,50BU AG - Crimp contact



1663271

<https://www.phoenixcontact.com/us/products/1663271>

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Crimp contact, contact diameter: 4 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, AWG 16

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1663271             |
| Packing unit                         | 25 pc               |
| Minimum order quantity               | 25 pc               |
| Sales key                            | BF65                |
| Product key                          | BF7AIE              |
| Catalog page                         | Page 511 (C-2-2019) |
| GTIN                                 | 4017918123086       |
| Weight per piece (including packing) | 2.42 g              |
| Weight per piece (excluding packing) | 2.42 g              |
| Customs tariff number                | 85366990            |
| Country of origin                    | DE                  |

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## Technical data

### Notes

|         |                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------|
| General | for HC-M-02, HC-M-03, HC-M-03/04, HC-M-04, HC-Q02, HC-Q03, HC-Q04, and HC-COM-Q4/2 contact carriers |
|---------|-----------------------------------------------------------------------------------------------------|

### Mounting

|               |                                                                    |
|---------------|--------------------------------------------------------------------|
| Assembly note | The quality of a crimp connection is determined by DIN EN 60352-2. |
|---------------|--------------------------------------------------------------------|

### Product properties

|                       |                           |
|-----------------------|---------------------------|
| Product type          | Crimp contact             |
| Series                | HC-M-03                   |
|                       | HC-M-03/04                |
|                       | HC-M-04                   |
|                       | HC-K                      |
|                       | HC-M-02                   |
|                       | HC-HS                     |
|                       | HC-COM                    |
| Type                  | Individual female contact |
| Contact material type | turned                    |

### Connection data

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Connection method                       | Crimp connection                            |
| Contact connection type                 | Socket                                      |
| Connection technology                   | Crimp connection                            |
| Conductor cross section                 | 1.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Connection cross section AWG            | 16                                          |
| Stripping length of the individual wire | 9 mm                                        |
| Conductor cross section flexible        | 1.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |

### Material specifications

|                          |               |
|--------------------------|---------------|
| Contact material         | Copper alloy  |
| Contact surface material | silver-plated |

### Dimensions

|                            |      |
|----------------------------|------|
| Mechanical characteristics |      |
| Contact diameter           | 4 mm |

### Mechanical properties

|                             |       |
|-----------------------------|-------|
| Mechanical data             |       |
| Insertion/withdrawal cycles | ≥ 500 |

### Environmental and real-life conditions

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## Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

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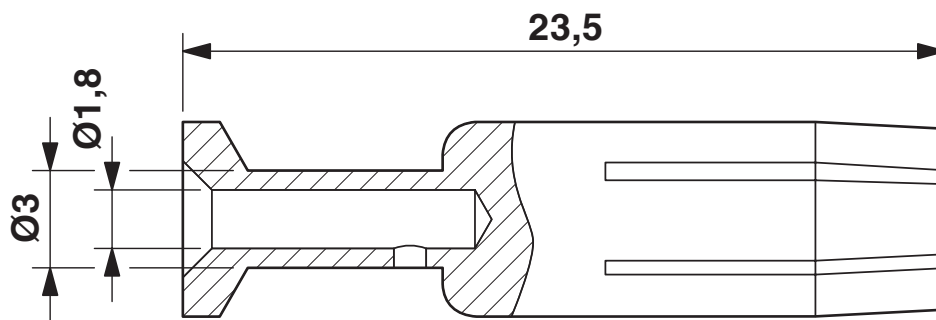
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

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**EAC**

Approval ID: RU C-DE.AI30.B.01102

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440204 |
| ECLASS-12.0 | 27440204 |
| ECLASS-13.0 | 27440204 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000796 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121500 |
|-------------|----------|

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## Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |                                          |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|                                         | No hazardous substances above the limits |
| EU REACH SVHC                           |                                          |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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