# CK2,5-ED-1,50BU AU - Crimp contact

1674820

https://www.phoenixcontact.com/us/products/1674820

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Crimp contact, Socket, turned, contact diameter: 2.5 mm, rated current: 16 A, connection cross section: 1.5 $mm^2$ ... 1.5 $mm^2$, AWG 16...16 , contact material: Cu alloy

## Commercial data

| | |
|---|---|
| Item number | 1674820 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Sales key | BF65 |
| Product key | AF7AID |
| GTIN | 4017918135522 |
| Weight per piece (including packing) | 1.59 g |
| Weight per piece (excluding packing) | 1.59 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

## Technical data

### Notes

| | |
|---|---|
| Notes on the product family | for HC-M-06..., HC-M-HV-, HC-M-08-, HC-M-20-, HC-A..., HC-B.. ., HC-BB..., HC-BBB..., and HC-HV contact carriers |
| Assembly note | The quality of a crimp connection is determined by DIN EN 60352-2. |
| Assembly note | For voltages less than 5 V and currents less than 5 mA, gold-plated contacts are recommended. |
| Assembly note | Note on crimp connection technology:<br><br>For flexible wires only. The specified conductor cross-sections refer to the nominal cross-section of the cable used.<br><br>The wiring space of the crimp connection technology is designed for fine-stranded cables in accordance with VDE 0295 Class 5. Deviating cable structures (e.g., Class 1.2 and 6 or AWG cables) should be checked before use. |

### Product properties

| | |
|---|---|
| Product type | Crimp contact |
| Contact material type | turned |

### Connection data

Connection technology

| | |
|---|---|
| Contact connection type | Socket |
| Connection method | Crimp connection |

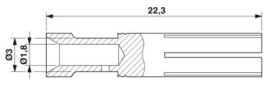
Conductor connection

| | |
|---|---|
| Stripping length | 7.5 mm (9.5 mm at HC-M-HV...) |
| Connection cross section | 1.5 mm² ... 1.5 mm² |
| Connection cross section AWG | 16 ... 16 |

### Material specifications

| | |
|---|---|
| Material Contact | Cu alloy |
| Material Contact surface | Au |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Diameter (Contact diameter) | 2.5 mm |

### Electrical properties

| | |
|---|---|
| Rated current | 16 A (Take into account the derating of the contact insert used. The rated current corresponds to the maximum possible connection cross-section.) |

## Mechanical properties

Mechanical data

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

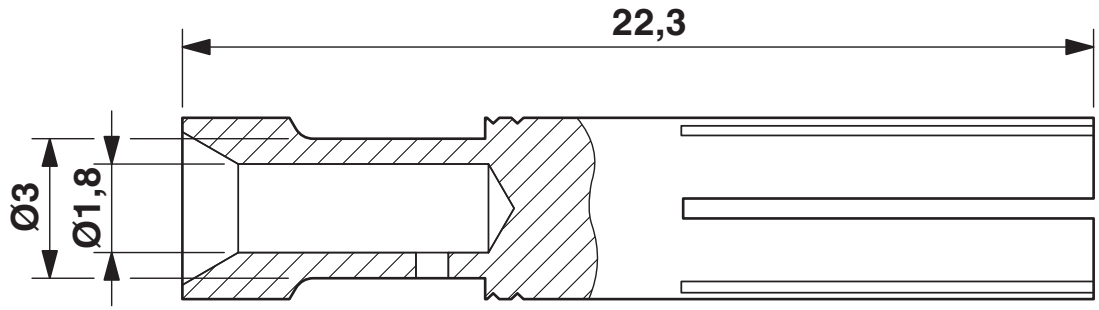
## Environmental and real-life conditions

Ambient conditions

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

## Drawings

Dimensional drawing




Dimensional drawing

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1674820

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

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27440204 |
| ECLASS-15.0 | 27440204 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC000796 |

### UNSPSC

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

## 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% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.175 kg CO2e |


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