

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



1663239

<https://www.phoenixcontact.com/us/products/1663239>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Crimp contact, series: HC-M-03, Pin, turned, contact diameter: 4 mm, rated current: 40 A, connection cross section: 1.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, AWG 16...16, contact material: Cu alloy

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1663239       |
| Packing unit                         | 25 pc         |
| Minimum order quantity               | 25 pc         |
| Sales key                            | BF65          |
| Product key                          | AF7AIE        |
| GTIN                                 | 4017918123048 |
| Weight per piece (including packing) | 2.98 g        |
| Weight per piece (excluding packing) | 3.09 g        |
| Customs tariff number                | 85366990      |
| Country of origin                    | DE            |

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



1663239

<https://www.phoenixcontact.com/us/products/1663239>

## 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   |
| Assembly note | The quality of a crimp connection is determined by DIN EN 60352-2.  |
| 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  |
| Series                | HC-M-03<br>HC-M-03/04<br>HC-M-04<br>HC-K<br>HC-M-02<br>HC-HS<br>HC-COM |
| Contact material type | turned   |

### Connection data

#### Connection technology

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

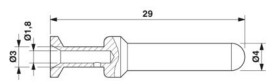
#### Conductor connection

|                              |   |
|------------------------------|---|
| Stripping length             | 9 mm  |
| Connection cross section     | 1.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Connection cross section AWG | 16 ... 16                                   |

### Material specifications

|                          |          |
|--------------------------|----------|
| Material Contact         | Cu alloy |
| Material Contact surface | Ag       |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
|---------------------|--|

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



1663239

<https://www.phoenixcontact.com/us/products/1663239>

|                             |      |
|-----------------------------|------|
| Diameter (Contact diameter) | 4 mm |
|-----------------------------|------|

## Electrical properties

|               |   |
|---------------|---|
| Rated current | 40 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 |
|---------------------------------|-------------------|

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

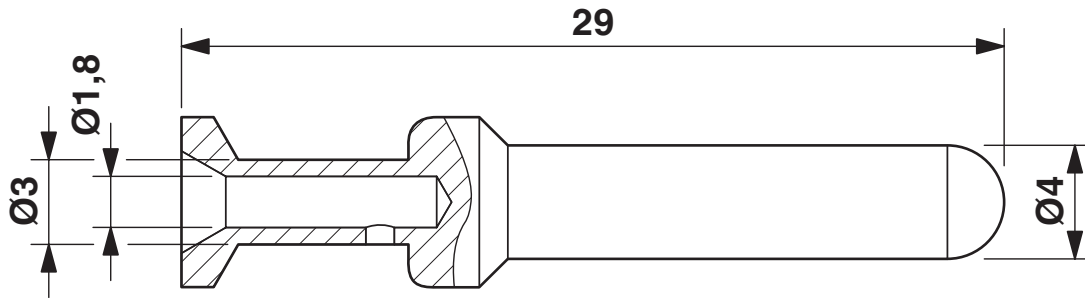


1663239

<https://www.phoenixcontact.com/us/products/1663239>

## Drawings

Dimensional drawing



Dimensional drawing

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



1663239

<https://www.phoenixcontact.com/us/products/1663239>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1663239>



**EAC**

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

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



1663239

<https://www.phoenixcontact.com/us/products/1663239>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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



1663239

<https://www.phoenixcontact.com/us/products/1663239>

## 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 | 0.047 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)