

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



1663239

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

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Crimp contact, series: HC-M-03, Pin, turned, contact diameter: 4 mm, 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            |

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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 |
| 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        |
| Contact material type | turned        |

### Connection data

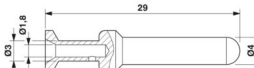
|                         |                  |
|-------------------------|------------------|
| Connection technology   |                  |
| Contact connection type | Pin              |
| Connection method       | Crimp connection |

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

### Mechanical properties

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

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## Environmental and real-life conditions

### Ambient conditions

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

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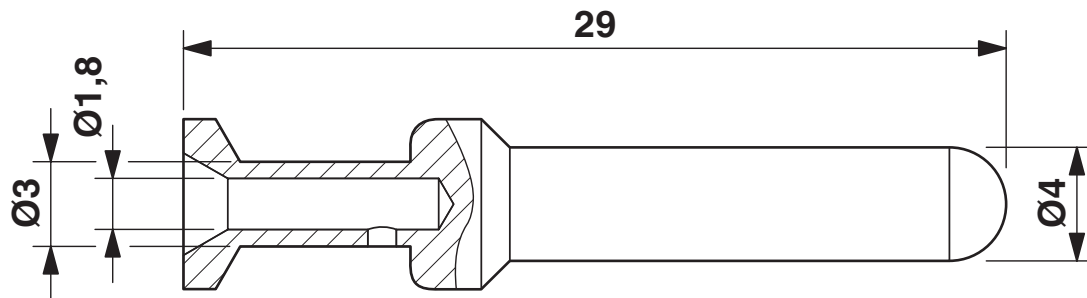
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

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



**EAC**

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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440204 |
| ECLASS-15.0 | 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%               |
| EF3.0 Climate Change                    |                                          |
| CO2e kg                                 | 0.047 kg CO2e                            |

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