

CK4,0-ED-6,00ST AG - Crimp contact



1663268

<https://www.phoenixcontact.com/us/products/1663268>

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Crimp contact, series: HC-M-03, Pin, turned, contact diameter: 4 mm, rated current: 40 A, connection cross section: 6 mm² ... 6 mm², AWG 10...10, contact material: Cu alloy

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1663268 |
| Packing unit | 25 pc |
| Minimum order quantity | 25 pc |
| Sales key | BF65 |
| Product key | AF7AIE |
| GTIN | 4017918123079 |
| Weight per piece (including packing) | 3.104 g |
| Weight per piece (excluding packing) | 3.1 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Notes

| | |
|-----------------------------|--|
| Notes on the product family | 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 | <p>Note on crimp connection technology:</p> <p>For flexible wires only. The specified conductor cross-sections refer to the nominal cross-section of the cable used.</p> <p>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.</p> |

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 |

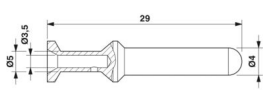
Conductor connection

| | |
|------------------------------|---|
| Stripping length | 10 mm |
| Connection cross section | 6 mm ² ... 6 mm ² |
| Connection cross section AWG | 10 ... 10 |

Material specifications

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

Dimensions

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

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| | |
|-----------------------------|------|
| 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 |
|---------------------------------|-------------------|

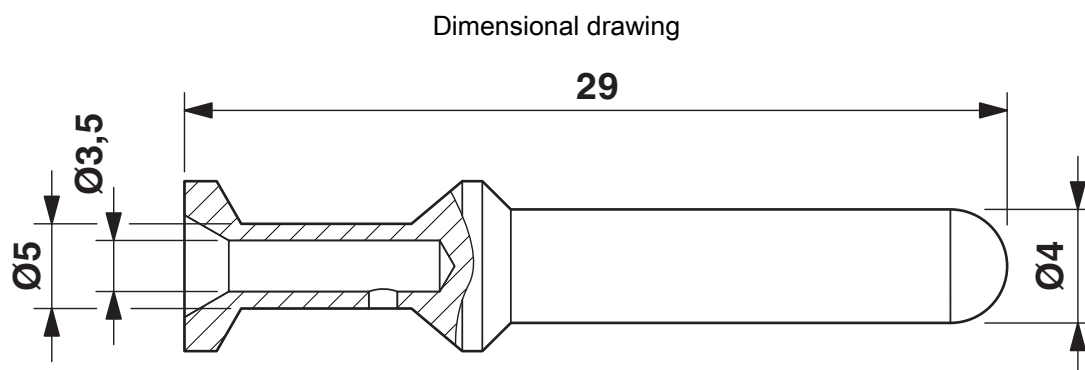
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1663268

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Drawings



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1663268>



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 10.0 | 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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.049 kg CO2e |
|---------|---------------|

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