

CK4,0-ED-10,00BU AG - Crimp contact



1586183

<https://www.phoenixcontact.com/us/products/1586183>

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Crimp contact, series: HC-M-03, Socket, turned, contact diameter: 4 mm, rated current: 40 A, connection cross section: 10 mm² ... 10 mm², AWG 8...8 , contact material: Cu alloy

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1586183 |
| Packing unit | 25 pc |
| Minimum order quantity | 25 pc |
| Sales key | BF65 |
| Product key | AF7AIE |
| GTIN | 4046356359597 |
| Weight per piece (including packing) | 2.662 g |
| Weight per piece (excluding packing) | 2.46 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Product properties

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

Connection data

Connection technology

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

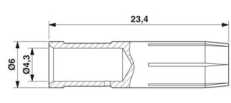
Conductor connection

| | |
|------------------------------|--|
| Stripping length | 15 mm (For wire $\varnothing \geq 4.3$ mm) |
| | 18 mm (For wire $\varnothing \geq 6.4$ mm) |
| Connection cross section | 10 mm ² ... 10 mm ² |
| Connection cross section AWG | 8 ... 8 |

Material specifications

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

Dimensions

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

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Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C

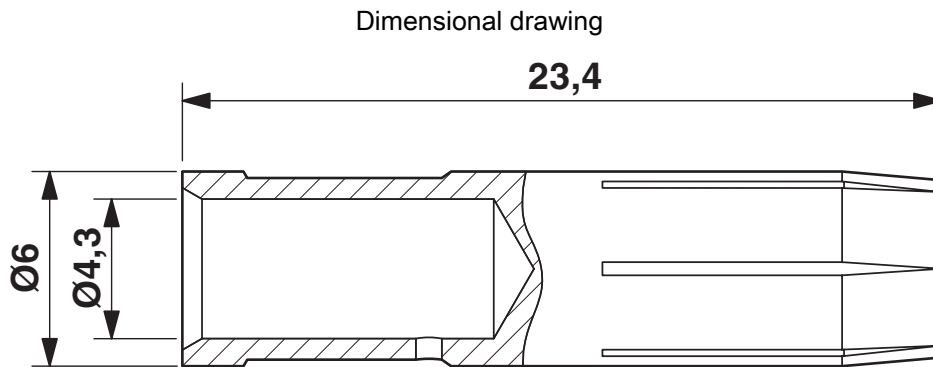
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Drawings



Dimensional drawing

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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 | 0.094 kg CO2e |
|---------|---------------|

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