

# CK4,0-ED-2,50BU AG - Crimp contact



1663284

<https://www.phoenixcontact.com/us/products/1663284>

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Crimp contact, series: HC-M-03, Socket, turned, contact diameter: 4 mm, rated current: 40 A, connection cross section: 2.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, AWG 14...14, contact material: Cu alloy

## Commercial data

Item number	1663284
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BF65
Product key	AF7AIE
GTIN	4017918123093
Weight per piece (including packing)	2.485 g
Weight per piece (excluding packing)	2.485 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

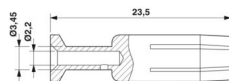
### Connection data

Connection technology	
Contact connection type	Socket
Connection method	Crimp connection
Conductor connection	
Stripping length	9 mm
Connection cross section	2.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	14 ... 14

### Material specifications

Material Contact	Cu alloy
Material Contact surface	Ag

### Dimensions

Dimensional drawing	
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Diameter (Contact diameter)	4 mm
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## 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.)
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## 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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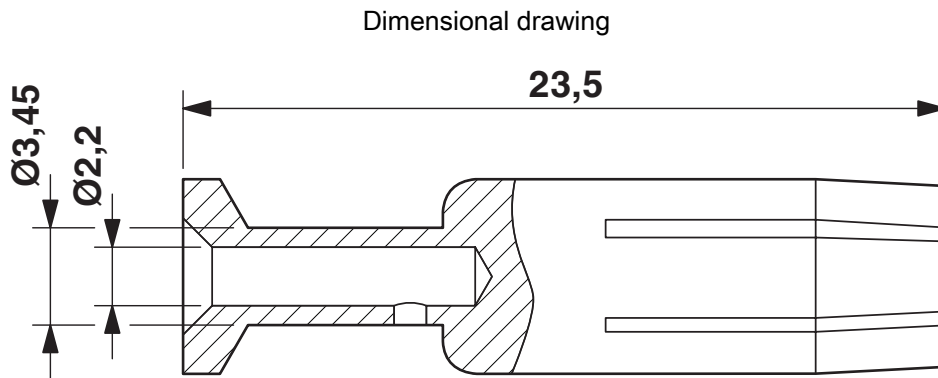
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## Drawings



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1663284>



**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
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### UNSPSC

UNSPSC 21.0	39121500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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### EF3.1 Climate Change

CO2e kg	0.029 kg CO2e
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