

# CK4,0-ED-4,00ST AG - Crimp contact



1663255

<https://www.phoenixcontact.com/us/products/1663255>

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Crimp contact, series: HC-M-03, Pin, turned, contact diameter: 4 mm, rated current: 40 A, connection cross section: 4 mm<sup>2</sup> ... 4 mm<sup>2</sup>, AWG 12...12, contact material: Cu alloy

## Commercial data

Item number	1663255
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BF65
Product key	AF7AIE
GTIN	4017918123062
Weight per piece (including packing)	3.064 g
Weight per piece (excluding packing)	3.064 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.
Assembly note	Note on crimp connection technology:  For flexible wires only. The specified conductor cross-sections refer to the nominal cross-section of the cable used.  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 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

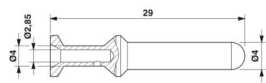
#### Conductor connection

Stripping length	10 mm
Connection cross section	4 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Connection cross section AWG	12 ... 12

### 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 ()
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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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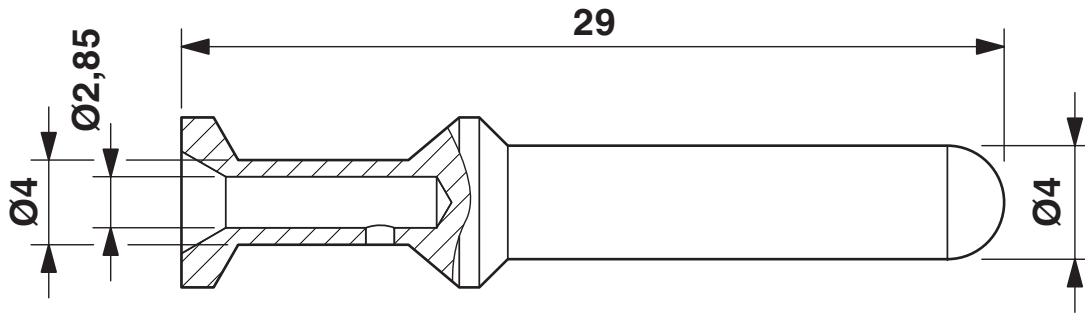


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1663255>



**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	0.093 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)