

# CK1,6-ED-1,50BU AG - Crimp contact



1663433

<https://www.phoenixcontact.com/us/products/1663433>

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Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, AWG 16

## Commercial data

Item number	1663433
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AIA
Catalog page	Page 507 (C-2-2019)
GTIN	4017918123246
Weight per piece (including packing)	0.688 g
Weight per piece (excluding packing)	0.663 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

General	for HC-M-12, HC-M-17, HC-M-03/04, HC-M-EMV, HC-D, HC-DD, HC-Q, and VC-D contact carriers
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### Mounting

Assembly note	At voltages of < 5 V and currents < 5 mA, gold-plated contacts are recommended. The quality of a crimp connection is determined by DIN EN 60352-2.
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### Product properties

Product type	Crimp contact
Series	HC-M-12
	HC-M-EMV
	HC-D
	HC-DD
	VC-D
	HC-M-03/04
	HC-M-17
	HC-K
	HC-Q
	HC-COM
	HC-M-42
	HC-M-08-MBIT
Type	Individual female contact
Contact material type	turned

### Connection data

Connection method	Crimp connection
Contact connection type	Socket
Connection technology	Crimp connection
Conductor cross section	1.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection cross section AWG	16
Stripping length of the individual wire	8 mm
Conductor cross section flexible	1.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

### Material specifications

Contact material	Copper alloy
Contact surface material	silver-plated

### Dimensions

Mechanical characteristics
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Contact diameter	1.6 mm
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## 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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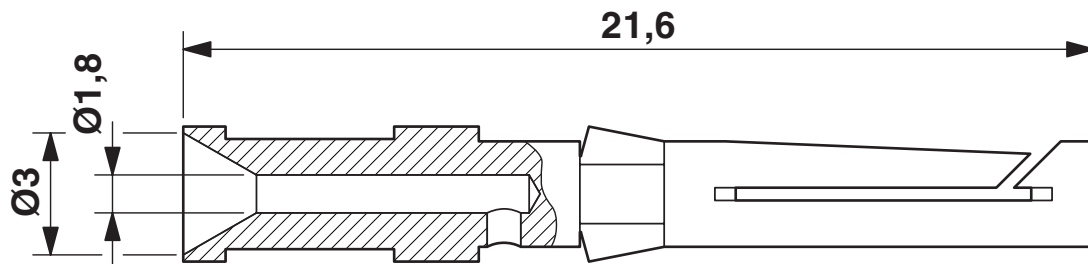
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1663433>



**EAC**

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



**EAC**

Approval ID: EAC-Zulassung

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## Classifications

### ECLASS

ECLASS-13.0	27440204
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### ETIM

ETIM 9.0	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
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%
EF3.0 Climate Change	
CO2e kg	0.035 kg CO2e

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## Accessories

### CK1,6-ED-1,50ST AG - Crimp contact

1663378

<https://www.phoenixcontact.com/us/products/1663378>



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### CRIMPFOX-TC MP-6 - Crimping pliers with digital display

1202888

<https://www.phoenixcontact.com/us/products/1202888>



Crimping tool, for turned contacts, universal cross-section setting, up to a maximum of 6.0 mm<sup>2</sup>, digital display with 0.01 mm increments, pressure lock can be unlocked, positioning tool necessary as an accessory for contact positioning



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## CRIMPFOX-TC HC 4 - Crimping pliers

1297083

<https://www.phoenixcontact.com/us/products/1297083>



Crimping pliers, for CK 1,6-ED..., CK 2,5-ED..., CK 4,0-ED... turned contacts, 4 marked die stations, unlockable pressure lock, lateral entry, incl. positioning tool

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## UNIFOX RT-CK 1.6 - Contact removal tool

1072069

<https://www.phoenixcontact.com/us/products/1072069>



Contact removal tool, for turned and rolled CK- 1.6-... contacts

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## UNIFOX MT-CK 1.6/2.5 - Assembly tool

1089092

<https://www.phoenixcontact.com/us/products/1089092>

Assembly tool, for CK 1.6... crimp contacts for small conductor cross sections

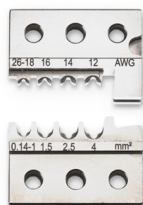


## CF 500/DIE TC HC 4 - Crimp insert

1324132

<https://www.phoenixcontact.com/us/products/1324132>

Die for CF 500 automatic crimping device, CK 1,6-ED..., CK 2,5-ED..., CK 4,0-ED... turned contacts, 4 marked die stations



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