

# CK1,6-ED-1,00ST AG - Crimp contact



1663365

<https://www.phoenixcontact.com/in/products/1663365>

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Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1 mm<sup>2</sup> ... 1 mm<sup>2</sup>, AWG 18

## Commercial Data

Item number	1663365
Packing unit	100 pc
Minimum order quantity	100 pc
Sales Key	BF7
Product Key	BF7AIA
Catalog Page	Page 507 (C-2-2019)
GTIN	4017918123178
Weight per Piece (including packing)	0.644 g
Weight per Piece (excluding packing)	0.644 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 instructions	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.

### Product properties

Product type	Crimp contact
Type	Individual male contact
Contact type	turned
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	

### Connection data

Connection method	Crimp connection
Type of contact	Pin
Connection technology	Crimp connection
Conductor cross section	1 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Connection cross section AWG	18
Stripping length of the individual wire	8 mm

### Material specifications

Contact material	Copper alloy
Contact surface material	silver-plated

### Dimensions

#### Mechanical characteristics

Contact diameter	1.6 mm
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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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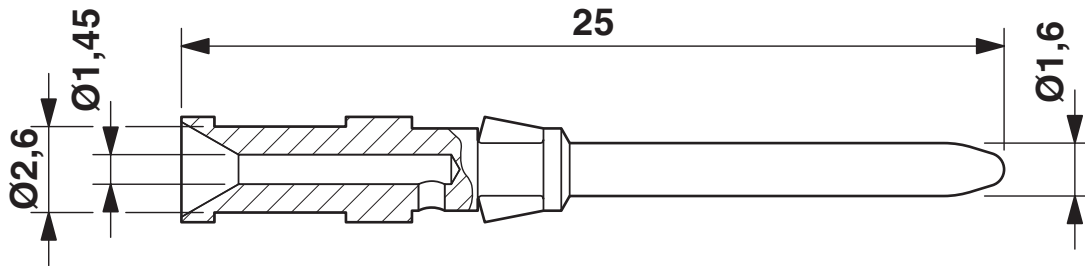


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals



**EAC**

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



**EAC**

Approval ID: EAC-Zulassung

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## Classifications

### ECLASS

ECLASS-11.0	27440204
ECLASS-12.0	27440204
ECLASS-13.0	27440204

### ETIM

ETIM 8.0	EC000796
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### UNSPSC

UNSPSC 21.0	39121500
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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## Accessories

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

1202888

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



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

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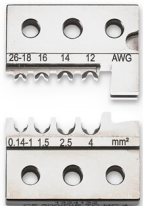
<https://www.phoenixcontact.com/in/products/1663365>



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

1324132

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



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

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## CK1,6-ED-1,00BU AG - Crimp contact

1663420

<https://www.phoenixcontact.com/in/products/1663420>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 1 mm<sup>2</sup> ... 1 mm<sup>2</sup>, AWG 18

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