

CK1,6-ED-2,50ST AG - Crimp contact



1663381

<https://www.phoenixcontact.com/us/products/1663381>

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Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1663381 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Sales key | BF65 |
| Product key | BF7AIA |
| Catalog page | Page 507 (C-2-2019) |
| GTIN | 4017918123192 |
| Weight per piece (including packing) | 0.761 g |
| Weight per piece (excluding packing) | 0.65 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 |
|---------|--|

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 material 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 |
| Contact connection type | Pin |
| Connection technology | Crimp connection |
| Conductor cross section | 2.5 mm ² ... 2.5 mm ² |
| Connection cross section AWG | 14 |
| Stripping length of the individual wire | 6 mm |
| Conductor cross section flexible | 2.5 mm ² ... 2.5 mm ² |

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 |
|-----------------------------|-------|

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000796 |
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UNSPSC

| | |
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| 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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