# PV-FT-CCF-2,5-4-R1000 - Crimp contact

1704930

https://www.phoenixcontact.com/us/products/1704930

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Crimp contact, series: SUNCLIX, Socket, rolled, rated current: 35 A, connection cross section: 2.5 $mm^2$ ... 4 $mm^2$, contact material: Cu

## Your advantages

- High-quality materials ensure a high degree of reliability and long-term stability
- Maximum system efficiency with proven, low-loss SUNCLIX contacts
- International approvals enable worldwide use

## Commercial data

| | |
|---|---|
| Item number | 1704930 |
| Packing unit | 1,000 pc |
| Minimum order quantity | 1,000 pc |
| Sales key | AB02 |
| Product key | ABLBFA |
| GTIN | 4046356746205 |
| Weight per piece (including packing) | 5.053 g |
| Weight per piece (excluding packing) | 2.236 g |
| Customs tariff number | 85359000 |
| Country of origin | DE |

## Technical data

### Notes

| | |
|---|---|
| Notes on operation | Crimping recommendation: Crimp the conductor with the crimp contact in accordance with IEC 60352 |
| Note on application | When using the CRIMPFOX-P SR 6 manual crimping tool, item no. 1212755, please note the use of the standard locator (no marking). |

Safety note

| | |
|---|---|
| Safety note | • WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product. |
| | • The products are suitable for applications in plant, controller, and electrical device engineering. |
| | • Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products). |
| | • For operating voltages > 50 V AC, conductive connector housings must be grounded |
| | • Observe the corresponding technical data. You will find information:<br>o On the product<br>o On the packing label<br>o In the supplied documentation<br>o Online at phoenixcontact.com/products under the product |
| | • Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products |
| | • Operate the connector only when it is fully plugged in and interlocked. |
| | • Observe the minimum bending radius of the cable. Lay the cable without twisting it. |

### Product properties

| | |
|---|---|
| Product type | Crimp contact |
| Series | SUNCLIX |
| Contact material type | rolled |

### Connection data

Connection technology

| | |
|---|---|
| Contact connection type | Socket |
| Connection method | Crimp connection |

Conductor connection

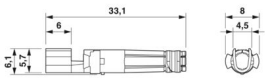
| | |
|---|---|
| Stripping length | 8 mm -1 mm |

| | |
|---|---|
| Connection cross section (flexible) | 2.5 mm² ... 4 mm² |

## Material specifications

| | |
|---|---|
| Material Contact | Cu |
| Material Contact surface | Ag |
| Flammability rating according to UL 94 | V0 |

## Dimensions

| | |
|---|---|
| Dimensional drawing |   |
| Width [w] | 5.4 mm |
| Height [h] | 5.4 mm |
| Length [l] | 33.1 mm |

## Electrical properties

| | |
|---|---|
| Rated current (Maximum load current) | 35 A |
| Rated current (2,5 mm²) | 27 A |
| Rated current (4,0 mm²) | 35 A |
| Resistance (Durchgangswiderstand) | 0.45 mΩ |

## Mechanical properties

Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | 100 |
| Insertion force | 45 N ±10 N |

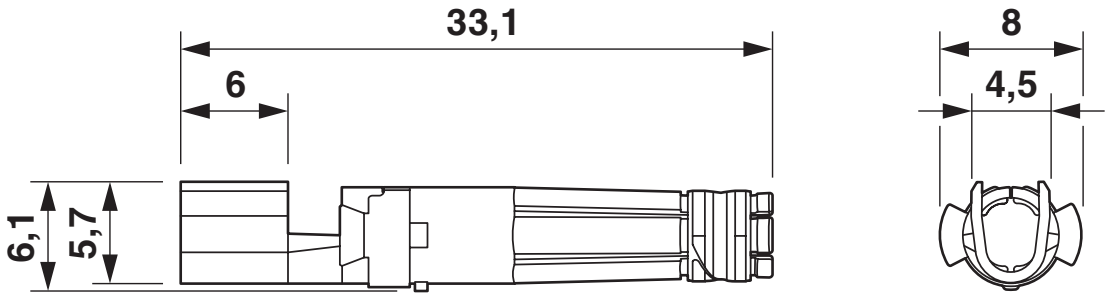
## Environmental and real-life conditions

Ambient conditions

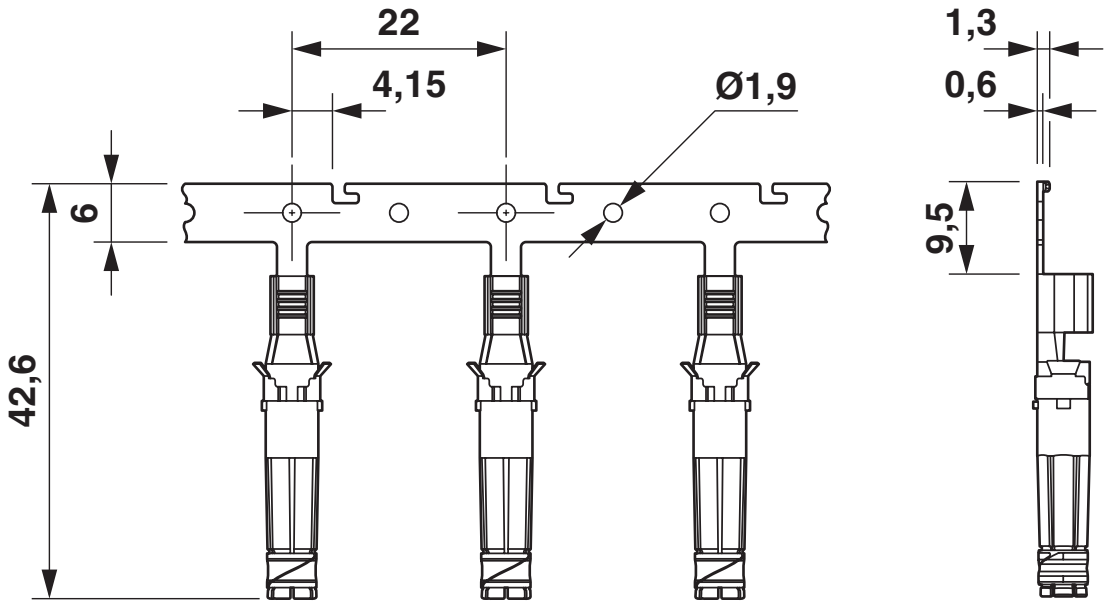
| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | -25 °C ... 50 °C |

## Drawings

Dimensional drawing




Dimensional drawing



## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27440204 |
| ECLASS-15.0 | 27440204 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC000796 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121500 |

## Environmental product compliance

EU RoHS

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|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

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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