# PV-C3M-C-2,5-4-R3000 - Crimp contact

1050768

https://www.phoenixcontact.com/us/products/1050768

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Crimp contact, series: SUNCLIX, Pin, rolled, rated current: 27 A, connection cross section: 2.5 $mm^2$ ... 4 $mm^2$, AWG 14...12 , 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 | 1050768 |
| Packing unit | 3,000 pc |
| Minimum order quantity | 3,000 pc |
| Sales key | AB02 |
| Product key | ABLBFA |
| GTIN | 4055626670119 |
| Weight per piece (including packing) | 5.5 g |
| Weight per piece (excluding packing) | 1.591 g |
| Customs tariff number | 85366990 |
| Country of origin | CN |

# 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 PV-C3F/M-C locator. |

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. |

## Product properties

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

## Connection data

Connection technology

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

Conductor connection

| | |
|---|---|
| Stripping length | 9 mm -1 mm |
| Connection cross section | 2.5 mm² ... 4 mm² |
| Connection cross section AWG | 14 ... 12 |

## Material specifications

| | |
|---|---|
| Color | silver-colored |
| Material Contact | Cu |
| Material Contact surface | Ag |

## Dimensions

| | |
|---|---|
| Width [w] | 5.2 mm |
| Height [h] | 6.2 mm |
| Length [l] | 27.6 mm |

## Electrical properties

| | |
|---|---|
| Rated current (2,5 mm²) | 27 A |
| Rated current (4,0 mm²) | 34 A |
| Resistance (Übergangswiderstand) | < 0.3 mΩ (Crimp to crimp) |

## 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) | -5 °C ... 50 °C |

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121400 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| 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% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.115 kg CO2e |

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com