PV-C3F-C-2,5-4-R3000 - Crimp contact

1050769

https://www.phoenixcontact.com/us/products/1050769

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Crimp contact, series: SUNCLIX, Socket, 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	1050769
Packing unit	3,000 pc
Minimum order quantity	3,000 pc
Sales key	AB02
Product key	ABLBFA
GTIN	4055626670201
Weight per piece (including packing)	14.3 g
Weight per piece (excluding packing)	2.109 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	Socket
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]	6.2 mm
Height [h]	6.2 mm
Length [l]	31.6 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	0.107 kg CO2e

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https://www.phoenixcontact.com

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