

CK2,5-M-4 AG - Crimp contact

1409208

<https://www.phoenixcontact.com/us/products/1409208>



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Crimp contact, Range of articles: PRC 35, max. conductor cross section: 4 mm², rated voltage: 690 V AC, rated current: 32 A, Connection method: Crimp connection, Contact connection type: Pin. Crimp the wire with the crimp contact in accordance with DIN EN 60352-2

Product description

Pin contact for PRC device connectors

Your advantages

- Crimp contacts for PRC device connectors for assembly
- 3 variants for wire cross sections of 2.5 / 4.0 / 6.0 mm²

Commercial data

| | |
|--------------------------------------|--------------------|
| Item number | 1409208 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Sales key | AB03 |
| Product key | ABLCEA |
| Catalog page | Page 77 (NTK-2014) |
| GTIN | 4046356864473 |
| Weight per piece (including packing) | 2.102 g |
| Weight per piece (excluding packing) | 2.105 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

Technical data

Notes

| | |
|---------|---|
| General | Crimp the wire with the crimp contact in accordance with DIN EN 60352-2 |
| General | Please remove the crimping pliers locator |

Safety note

| | |
|-------------|---|
| Safety note | <ul style="list-style-type: none"> • WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible. • 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. <p>WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.</p> <ul style="list-style-type: none"> • Assembled products may not be manipulated or improperly opened. • 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). • When using the product in direct connection with third-party manufacturers, the user is responsible. • For operating voltages > 50 V AC, conductive connector housings must be grounded • Ensure that the protective or functional ground has been properly connected. • VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector • Observe the corresponding technical data. You will find information: <ul style="list-style-type: none"> o On the product o On the packing label o In the supplied documentation o Online at phoenixcontact.com/products under the product • Only use tools recommended by Phoenix Contact • The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this 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. • Operate the connector only when it is fully plugged in and interlocked. |
|-------------|---|

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| | <ul style="list-style-type: none">• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards. |
| | <ul style="list-style-type: none">• Observe the minimum bending radius of the cable. Lay the cable without twisting it. |
| | <ul style="list-style-type: none">• The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12). |

Product properties

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|----------------|---------------|
| Product type | Crimp contact |
| Product family | PRC 35 |

Insulation characteristics

| | |
|---------------------|----|
| Protection class | II |
| Degree of pollution | 2 |

Connection data

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

Material specifications

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

Dimensions

| | |
|--------|---------|
| Width | 5.6 mm |
| Height | 5.6 mm |
| Length | 31.2 mm |

Electrical properties

| | |
|---------------------|---------------------------------------|
| Nominal voltage ATD | 690 V AC in accordance with IEC 61984 |
| | 600 V AC In accordance with UL 2238 |
| Rated current | 32 A (in accordance with IEC 61984) |
| | 25 A (in accordance with IEC 61535) |

Mechanical properties

Mechanical data

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|-----------------------------|-----|
| Insertion/withdrawal cycles | 100 |
|-----------------------------|-----|

Environmental and real-life conditions

Ambient conditions

| | |
|--------------------------------|----------------|
| Ambient temperature (assembly) | 5 °C ... 85 °C |
|--------------------------------|----------------|

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Classifications

ECLASS

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|-------------|----------|
| ECLASS-11.0 | 27440109 |
| ECLASS-12.0 | 27440109 |
| ECLASS-13.0 | 27440109 |

ETIM

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| ETIM 9.0 | EC003569 |
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UNSPSC

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| UNSPSC 21.0 | 39121400 |
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Environmental product compliance

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|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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