# CB1,6E14-12 AU,75 I3,5

Similar to illustration

For a reliable contact - CB/CS crimp contact.The combination of RSV housings and Weidmüllers' crimp contacts enable custom adaptations to the specific requirements of your applications.

The following product options are available depending on the system:

- Safe centring of the contacts using the three-segment pin tips
- High contact reliability using four defined contact points
- Locking clasp in the cantilever spring for a secure mount of the contacts in the housing
- Pin contacts with two lengths to implement leading-pin contacts
- Up to 100 plugging cycles (tin version)
- Up to 500 plugging cycles (gold version)

The appropriate high-quality tools from Weidmüller guarantee professional processing.

## General ordering data

| | |
|---|---|
| Version | PCB plug-in connector, Crimp contact, Individual contact, Socket connector, Gold-plated, Max. clamping range : 2.5 mm² |
| Order No. | 1428900000 |
| Type | CB1,6E14-12 AU,75 I3,5 |
| GTIN (EAN) | 4008190072148 |
| Qty. | 250 items |
| Product data | |
| Packaging | Box |

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# CB1,6E14-12 AU,75 I3,5

## Technical data

### Approvals

| | |
|---|---|
| ROHS | Conform |

### Dimensions and weights

| | |
|---|---|
| Net weight | 0.48 g |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

### System Parameters

| | | | |
|---|---|---|---|
| Wire connection method | Crimp connection | Conductor outlet direction | 180° |
| Number of poles | 1 | Pin series quantity | 1 |
| Volume resistance | 4.80 mΩ | Stripping length | 4 mm |

### Material data

| | | | |
|---|---|---|---|
| Contact material | Cu-alloy | Contact surface | Gold-plated |
| Storage temperature, min. | -40 °C | Storage temperature, max. | 70 °C |
| Operating temperature, min. | -50 °C | Operating temperature, max. | 100 °C |
| Temperature range, installation, min. | -25 °C | Temperature range, installation, max. | 100 °C |

### Conductors suitable for connection

| | | | |
|---|---|---|---|
| Clamping range, min. | 15 mm² | Clamping range, max. | 2.5 mm² |
| Wire connection cross section AWG, min. | AWG 14 | Wire connection cross section AWG, max. | AWG 12 |
| Stranded, min. H07V-R | 1.5 mm² | Stranded, max. H07V-R | 2.5 mm² |
| Flexible, min. H05(07) V-K | 1.5 mm² | Flexible, max. H05(07) V-K | 2.5 mm² |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0 mm² | w. wire end ferrule, DIN 46228 pt 1, max. | 0 mm² |
| Outer diameter of insulation, min. | 2.80 mm | Outer diameter of insulation, max. | 3.50 mm |

### Rated data acc. to IEC

| | | | |
|---|---|---|---|
| tested acc. to standard | IEC 60664-1, IEC 61984 | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 0 kV |

### Packing

| | | | |
|---|---|---|---|
| Packaging | Box | VPE length | 90.00 mm |
| VPE width | 71.00 mm | VPE height | 42.00 mm |

### Important note

| | |
|---|---|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request. |
| Notes | • The long pins can be used with the standard pins as leading contacts.<br>• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

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## CB1,6E14-12 AU,75 I3,5

## Technical data

### Classifications

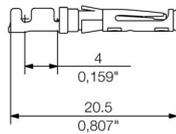| | | | |
|---|---|---|---|
| ETIM 8.0 | EC002943 | ETIM 9.0 | EC002943 |
| ETIM 10.0 | EC002943 | ECLASS 14.0 | 27-46-04-03 |
| ECLASS 15.0 | 27-46-04-03 | | |

**CB1,6E14-12 AU,75 I3,5**

### Dimensional drawing

## CB1,6E14-12 AU,75 I3,5

## Accessories

### Contact removal tools

Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

### General ordering data

| Type | DW RSV 1.6 | Version | |
|------|-----------|---------|---|
| Order No. | 9004530000 | Tool miscellaneous, Release tool | |
| GTIN (EAN) | 4008190041991 | | |
| Qty. | 1 ST | | |

### Crimping tools

Crimping tools for Weidmüller contacts for RSV and DSTV-HD systems
• Ratchet guarantees precise crimping
• Release option in the event of incorrect operation
• With end stop for exact positioning of the contacts

### General ordering data

| Type | HTF RSV 12 | Version | |
|------|-----------|---------|---|
| Order No. | 9013550000 | Pressing tool, Crimping tool for contacts, FoderBcrimp | |
| GTIN (EAN) | 4008190002046 | | |
| Qty. | 1 ST | | |
| Type | HTF RSV 16 | Version | |
| Order No. | 9013560000 | Pressing tool, Crimping tool for contacts, FoderBcrimp | |
| GTIN (EAN) | 4008190161163 | | |
| Qty. | 1 ST | | |

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