

## CB1,6R22-20 AU,75 I2,5

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



Similar to illustration

For a reliable contact - CB/CS crimp contact. The combination of RSV housings and Weidmüller's 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, Reel packaged, Socket connector, Gold-plated, Max. clamping range : 0.5 mm <sup>2</sup>
Order No.	<a href="#">1424800000</a>
Type	CB1,6R22-20 AU,75 I2,5
GTIN (EAN)	4008190180133
Qty.	5000 items
Product data	
Packaging	Reel

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**Technical data**
**Approvals**

ROHS Conform

**Dimensions and weights**

Net weight 0.83 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.	0.34 mm <sup>2</sup>	Clamping range, max.	0.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 20
Stranded, min. H07V-R	0.34 mm <sup>2</sup>	Stranded, max. H07V-R	0.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.34 mm <sup>2</sup>	Flexible, max. H05(07) V-K	0.5 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min.	0 mm <sup>2</sup>	w. wire end ferrule, DIN 46228 pt 1, max.	0 mm <sup>2</sup>
Outer diameter of insulation, min.	2.00 mm	Outer diameter of insulation, max.	2.50 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	Reel	VPE length	641.00 mm
VPE width	625.00 mm	VPE height	61.00 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.
- Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

## 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		

**Drawings**



**Dimensional drawing**



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## 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.	<a href="#">9004530000</a>	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 16	Version	
Order No.	<a href="#">9013560000</a>	Pressing tool, Crimping tool for contacts, FoderBcrimp	
GTIN (EAN)	4008190161163		
Qty.	1 ST		