CB1,6E22-20 AU,75 I1,8

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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 : 0.5 mm²
Order No.	1422900000
Type	CB1,6E22-20 AU,75 I1,8
GTIN (EAN)	4008190179243
Qty.	250 pc(s).
Product data	
Packaging	Box

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Technical data

Dimensions and weights

Net weight	0.416 g

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 mm²	Clamping range, max.	0.5 mm²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 20
Stranded, min. H07V-R	0.34 mm²	Stranded, max. H07V-R	0.5 mm²
Flexible, min. H05(07) V-K	0.34 mm²	Flexible, max. H05(07) V-K	0.5 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.	1.1 mm	Outer diameter of insulation, max.	1.8 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	89 mm
VPE width	71 mm	VPE height	42 mm

Classifications

ETIM 6.0	EC002943	ETIM 7.0	EC002943
ETIM 8.0	EC002943	ETIM 9.0	EC002943
ETIM 10.0	EC002943	ECLASS 9.0	27-44-04-92
ECLASS 9.1	27-44-04-92	ECLASS 10.0	27-44-04-92
ECLASS 11.0	27-46-04-03	ECLASS 12.0	27-46-04-03
ECLASS 13.0	27-46-04-03	ECLASS 14.0	27-46-04-03
ECLASS 15.0	27-46-04-03		

Environmental Product Compliance

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

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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

Approvals

ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of the Manufacturer
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	MB DEVICE MANUF. EN FL 72H SAMPLE SER EN PO OMNIMATE EN PO OMNIMATE EN

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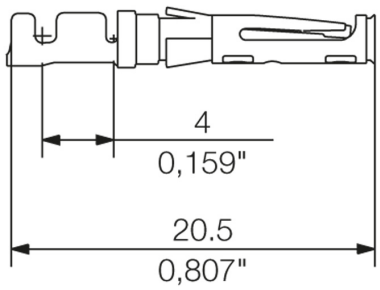
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Drawings

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.	9004530000	Tool miscellaneous, Release tool
GTIN (EAN)	4008190041991	
Qty.	1 pc(s).	

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 pc(s).	
Type	HTF RSV 16	Version
Order No.	9013560000	Pressing tool, Crimping tool for contacts, FoderBcrimp
GTIN (EAN)	4008190161163	
Qty.	1 pc(s).	

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