Data sheet

CB1,6R18-16 AU,75 I3,5

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, Reel packaged, Socket connector, Gold-plated, Max. clamping range : 1.5 mm²
Order No.	1582420000
Type	CB1,6R18-16 AU,75 I3,5
GTIN (EAN)	4008190132569
Qty.	4000 items
Product data	
Packaging	Reel

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Net weight	0.65 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.	0.75 mm²	Clamping range, max.	1.5 mm²
Wire connection cross section AWG, min.	AWG 18	Wire connection cross section AWG, max.	AWG 16
Stranded, min. H07V-R	0.75 mm²	Stranded, max. H07V-R	1.5 mm²
Flexible, min. H05(07) V-K	0.75 mm²	Flexible, max. H05(07) V-K	1.5 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.	2.00 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	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

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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		

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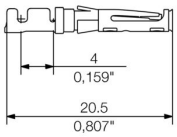
Drawings

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 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.	9013560000	Pressing tool, Crimping tool for contacts, FoderBcrimp
GTIN (EAN)	4008190161163	
Qty.	1 ST	