

CB1,6R18-16 SN I2,5**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 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, tinned, Max. clamping range : 1.5 mm ²
Order No.	1427800000
Type	CB1,6R18-16 SN I2,5
GTIN (EAN)	4008190178086
Qty.	5,000 pc(s).
Product data	
Packaging	Reel

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Technical data

Dimensions and weights

Net weight	0.63 g
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System Parameters

Product family	OMNIMATE Power - Powerbus series	Wire connection method	Crimp connection
Number of poles	1	Volume resistance	3.30 mΩ
Stripping length	4 mm		

Material data

Contact material	CuZn	Contact surface	tinned
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 mm ²	Clamping range, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 18	Wire connection cross section AWG, max.	AWG 16
Outer diameter of insulation, min.	2 mm	Outer diameter of insulation, max.	2.5 mm

Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984
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Packing

Packaging	Reel	VPE length	30 mm
VPE width	580 mm	VPE height	600 mm

Classifications

ETIM 6.0	EC002943	ETIM 7.0	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

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.
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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 average humidity 70%, 36 months

Approvals

Approvals



ROHS

Conform

Creation date March 23, 2021 10:30:42 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Downloads

Approval/Certificate/Document of
Conformity[Declaration of the Manufacturer](#)

Engineering Data

[STEP](#)

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Drawings



Dimensional drawing

