

**CB1,6E18-16 SN I2,5**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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www.weidmueller.com


**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**

Type	CB1,6E18-16 SN I2,5
Order No.	<a href="#">1427900000</a>
Version	PCB plug-in connector, Crimp contact, Individual contact, Socket, tinned, Max. clamping range : 1.5 mm <sup>2</sup>
GTIN (EAN)	4008190035808
Qty.	250 pc(s).
Product data	UL:
Packaging	Box

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## Technical data

## Dimensions and weights

Net weight	0.46 g
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## System parameters

Wire connection method	Crimp connection	No. of poles	1
Volume resistance	3.30 mΩ	Stripping length	4 mm
Packaging	Box		

## Material data

Contact material	CuZn	Contact surface	tinned
Storage temperature, min.	-25 °C	Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %	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 <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
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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## Classifications

ETIM 3.0	EC001284	ETIM 4.0	EC000796
ETIM 5.0	EC000796	ETIM 6.0	EC002943
UNSPSC	30-21-19-23	eClass 5.1	27-26-12-02
eClass 6.2	27-26-12-02	eClass 7.1	27-44-02-04
eClass 8.1	27-44-02-04	eClass 9.0	27-44-02-04
eClass 9.1	27-44-04-92		

## Notes

Notes	• The long pins can be used with the standard pins as leading contacts.
IPC conformity	The products are developed, manufactured and delivered according to the internationally recognised IPC-A-610 standard, category "permissible". More extensive demands on the products can be evaluated on request.

## Approvals

Approvals



ROHS	Conform
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**Technical data****Downloads**Approval/Certificate/Document of  
Conformity[Declaration of the Manufacturer](#)

Brochure/Catalogue

[MB DEVICE MANUF. EN](#)[CAT 2 PORTFOLIOGUIDE EN](#)[FL 72H SAMPLE SER EN](#)[PO OMNIMATE EN](#)

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**Drawings****Dimensional drawing**