

**CS1,6E18-16 SN 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, Individual contact, Pin – standard, tinned, Max. clamping range : 1.5 mm <sup>2</sup>
Order No.	<a href="#">1427600000</a>
Type	CS1,6E18-16 SN I2,5
GTIN (EAN)	4008190090654
Qty.	250 pc(s).
Product data	
Packaging	Box

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## Technical data

## Dimensions and weights

Net weight	0.548 g
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## System Parameters

Wire connection method	Crimp connection	Conductor outlet direction	180°
Number of poles	1	Pin series quantity	1
Volume resistance	3.30 mΩ	Stripping length	4 mm

## Material data

Contact material	Cu-alloy	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 <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
Stranded, min. H07V-R	0.75 mm <sup>2</sup>	Stranded, max. H07V-R	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.75 mm <sup>2</sup>	Flexible, max. H05(07) V-K	1.5 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 mm	Outer diameter of insulation, max.	2.5 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
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## Packing

Packaging	Box	VPE length	90 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
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

## Environmental Product Compliance

REACH SVHC	/
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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****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	<ul style="list-style-type: none"><li>• The long pins can be used with the standard pins as leading contacts.</li><li>• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months</li></ul>

**Approvals**

ROHS	Conform
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**Downloads**

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

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## Drawings

### Dimensional drawing



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[www.weidmueller.com](http://www.weidmueller.com)**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 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.	<a href="#">9013550000</a>	Pressing tool, Crimping tool for contacts, FoderBcrimp
GTIN (EAN)	4008190002046	
Qty.	1 pc(s).	
Type	HTF RSV 16	Version
Order No.	<a href="#">9013560000</a>	Pressing tool, Crimping tool for contacts, FoderBcrimp
GTIN (EAN)	4008190161163	
Qty.	1 pc(s).	