

**HDC-C-HE-SM0.5AU****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

**General ordering data**

Version	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male, Conductor cross-section, max.: 0.5, turned, Copper alloy
Order No.	<a href="#">1651420000</a>
Type	HDC-C-HE-SM0.5AU
GTIN (EAN)	4008190400095
Qty.	100 items

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

### Dimensions and weights

Diameter	4.5 mm	Net weight	1.32 g
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### Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP 6eabd5ae-2d6b-409e-8bdf-87c27ee10e40

### General data

Contact diameter, male Ø	2.5 mm	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Version insert	HE, HEE, HQ, MixMate
Volume resistance	≤2 mΩ	Conductor cross-section, max.	0.5 mm <sup>2</sup>
Conductor cross-section, min.	0.5 mm <sup>2</sup>	Surface finish	gold
Plugging cycles	≥ 500	Type	Male
Basic material	Copper alloy	Series	HE
Production methods	turned	Surface layer thickness, max.	1.25 µm
Surface layer thickness, min.	0.75 µm	Cross-section for connected wire	0.5 - 0.5 mm <sup>2</sup>
Material of contact	Copper alloy		

### Classifications

ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 14.0	27-44-02-04
ECLASS 15.0	27-44-02-04		

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**Drawings**



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## Accessories

### Crimping tools



Crimping tools for turned contacts

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

### General ordering data

Type	CTX CM 1.6/2.5	Version
Order No.	<a href="#">9018490000</a>	Pressing tool, Crimping tool for contacts, 0.14mm <sup>2</sup> , 4mm <sup>2</sup> , W crimp
GTIN (EAN)	4008190884598	
Qty.	1 ST	

Type	CTIN CM 1.6/2.5	Version
Order No.	<a href="#">9205430000</a>	Pressing tool, Crimping tool for contacts, 0.14mm <sup>2</sup> , 6mm <sup>2</sup> , 4-indent crimp
GTIN (EAN)	4032248733446	
Qty.	1 ST	

### Contact removal tools



Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

### General ordering data

Type	REMOVAL TOOL HE	Version
Order No.	<a href="#">1866750000</a>	Tools, Contact Removal Tool
GTIN (EAN)	4032248437078	
Qty.	1 ST	