

**Crimping contact  
HDC-C-HE-BM2.5AU****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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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**

|            |  |
|------------|--|
| Type       | HDC-C-HE-BM2.5AU   |
| Order No.  | <a href="#">1651500000</a>   |
| Version    | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Female, Conductor cross-section, max.: 2.5, turned, Copper alloy |
| GTIN (EAN) | 4008190400170  |
| Qty.       | 100 pc(s).   |

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Catalogue status 15.05.2020 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

|            |        |          |        |
|------------|--------|----------|--------|
| Net weight | 1.64 g | Diameter | 4.5 mm |
|------------|--------|----------|--------|

### Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

### General data

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

### Classifications

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC000796    | ETIM 7.0   | EC000796    |
| eClass 9.0  | 27-44-02-04 | eClass 9.1 | 27-44-02-04 |
| eClass 10.0 | 27-44-02-04 | UNSPSC     | 30-21-18-01 |

### Approvals

Approvals



ROHS Conform

### Downloads

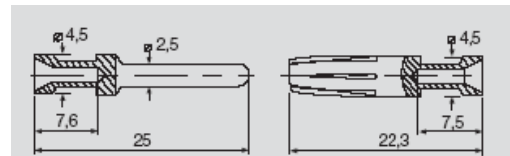
|                    |   |
|--------------------|---|
| Brochure/Catalogue | <a href="#">CAT 3 HDC 17/18 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data   | <a href="#">EPLAN, WSCAD</a>  |
| Engineering Data   | <a href="#">STEP</a>  |

**Data sheet**

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**Drawings**



| Leiterquerschnitt           | Abisolierlänge |        |
|-----------------------------|----------------|--------|
| 0,50 mm <sup>2</sup>        | AWG 20         | 7,5 mm |
| 0,75 - 1,00 mm <sup>2</sup> | AWG 18         | 7,5 mm |
| 1,50 mm <sup>2</sup>        | AWG 16         | 7,5 mm |
| 2,50 mm <sup>2</sup>        | AWG 14         | 7,5 mm |
| 4,00 mm <sup>2</sup>        | AWG 12         | 7,5 mm |

