

**HDC-C-HE-BM0.5AU****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, Female, Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Order No.  | <a href="#">1651470000</a>                                                                                                   |
| Type       | HDC-C-HE-BM0.5AU                                                                                                             |
| GTIN (EAN) | 4008190400149                                                                                                                |
| Qty.       | 100 pc(s).                                                                                                                   |

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## Technical data

## Dimensions and weights

|          |        |            |        |
|----------|--------|------------|--------|
| Diameter | 4.5 mm | Net weight | 1.52 g |
|----------|--------|------------|--------|

## General data

|                                    |                      |                                  |                     |
|------------------------------------|----------------------|----------------------------------|---------------------|
| Conductor cross-section, max.      | 0.5 mm <sup>2</sup>  | Contact diameter, male Ø         | 2.5 mm              |
| Contact material                   | Copper alloy         | Cross-section for connected wire | 0.5 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                | ≤2 mΩ               |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000796    | ETIM 7.0    | EC000796    |
| ETIM 8.0    | EC000796    | ETIM 9.0    | EC000796    |
| ETIM 10.0   | EC000796    | ECLASS 9.0  | 27-44-02-04 |
| ECLASS 9.1  | 27-44-02-04 | ECLASS 10.0 | 27-44-02-04 |
| ECLASS 11.0 | 27-44-02-04 | ECLASS 12.0 | 27-44-02-04 |
| ECLASS 13.0 | 27-44-02-04 | ECLASS 14.0 | 27-44-02-04 |
| ECLASS 15.0 | 27-44-02-04 |             |             |

## 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 |

## Approvals

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                 |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                              |
| Certificate No. (cURus) | E92202                                                                                                                                                                                                                                                                                                                                                  |

## Downloads

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>                                        |
| Catalogues       | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures        | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings**