

HDC-C-HE-BM1.5AU**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.: 1.5, turned, Copper alloy |
| Order No. | 1651490000 |
| Type | HDC-C-HE-BM1.5AU |
| GTIN (EAN) | 4008190400163 |
| Qty. | 100 pc(s). |

Creation date March 1, 2023 12:25:51 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|----------|--------|------------|--------|
| Diameter | 4.5 mm | Net weight | 1.49 g |
|----------|--------|------------|--------|

General data

| | | | |
|------------------------------------|----------------------|----------------------------------|---------------------|
| Conductor cross-section, max. | 1.5 mm ² | Contact diameter, male Ø | 2.5 mm |
| Contact material | Copper alloy | Cross-section for connected wire | 1.5 mm ² |
| 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 | 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 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 6eabd5ae-2d6b-409e-8bdf-87c27ee10e40 |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

Downloads

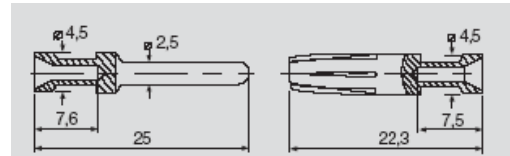
| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Drawings



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

