Data sheet

# HDC-C-HD-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, HD, HDD, HQ, MixMate, Female, Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Order No. | 1651700000 |
| Type | HDC-C-HD-BM1.5AU |
| GTIN (EAN) | 4008190400378 |
| 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 | 3.5 mm | Net weight | 0.65 g |

### 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 | 1.6 mm | Stripping length, rated connection | 8 mm |
| Type of connection | Crimp connection | Version insert | HD, HDD, HQ, MixMate |
| Volume resistance | ≤4 mΩ | Conductor cross-section, max. | 1.5 mm² |
| Conductor cross-section, min. | 1.5 mm² | Surface finish | gold |
| Plugging cycles | ≥ 500 | Type | Female |
| Basic material | Copper alloy | Series | HD |
| Production methods | turned | Cross-section for connected wire | 1.5 - 1.5 mm² |
| 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 | | |



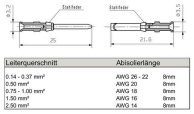
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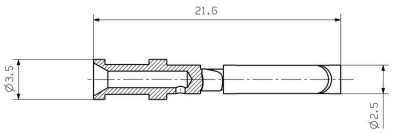
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## Drawings






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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. | 9018490000 | Pressing tool, Crimping tool for contacts, 0.14mm², 4mm², W crimp |
| GTIN (EAN) | 4008190884598 | |
| Qty. | 1 ST | |
| Type | CTIN CM 1.6/2.5 | Version |
| Order No. | 9205430000 | Pressing tool, Crimping tool for contacts, 0.14mm², 6mm², 4-indent |
| GTIN (EAN) | 4032248733446 | crimp |
| 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 HD | Version |
| Order No. | 1866730000 | Tools, Contact Removal Tool |
| GTIN (EAN) | 4032248437054 | |
| Qty. | 1 ST | |



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## Accessories

### 4/2-pole



The HQ series - big features in a compact design. The electrical characteristics speak for themselves. You can also use the proven HD and HX crimp contacts here.
The wire connection level is designed for crimp contacts. The proven crimp connection has been in standard use for decades.
Crimp contacts are not included in the scope of delivery of inserts.
Pole count: 4/2 (+PE)
Rated current: 40/10 A
Rated voltage: 690 / 250 V
Rated voltage acc. to UL/CSA: 600 V AC/DC

### General ordering data

| | | |
|---|---|---|
| Type | HDC HQ 4/2 FC | Version |
| Order No. | 1003160000 | HDC insert, Female, 690 V, 40 A, Number of poles: 6, Crimp |
| GTIN (EAN) | 4032248698158 | connection, Installation size: HQ |
| Qty. | 1 ST | |
| Type | HDC HQ 4/2 MC | Version |
| Order No. | 1003170000 | HDC insert, Male, 690 V, 40 A, Number of poles: 6, Crimp |
| GTIN (EAN) | 4032248698165 | connection, Installation size: HQ |
| Qty. | 1 ST | |



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