Data sheet

# HDC C HX BM10.0AG

**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, HQ, Female, Conductor cross-section, max.: 8, turned, Copper alloy |
| Order No. | 1526190000 |
| Type | HDC C HX BM10.0AG |
| GTIN (EAN) | 4050118332087 |
| Qty. | 25 items |

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## Technical data

### Approvals

| | |
|---|---|
| Approvals | CE |
| ROHS | Conform |

### Dimensions and weights

| | |
|---|---|
| Net weight | 2.79 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 | 4 mm | Conductor cross-section, max. AWG | AWG 8 |
| Stripping length, rated connection | 15 mm | Type of connection | Crimp connection |
| Version insert | HQ | Volume resistance | ≤1 mΩ |
| Conductor cross-section, max. | 8 mm² | Conductor cross-section, min. | 10 mm² |
| Surface finish | silver | Plugging cycles | ≥ 500 |
| Type | Female | Basic material | Copper alloy |
| Production methods | turned | Cross-section for connected wire | 10 - 8 mm² |
| Material of contact | Copper alloy | | |

### Important note

| | |
|---|---|
| Product information | flexible stranded conductor Style 1231 or 1028 only |

### 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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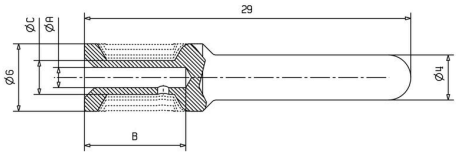
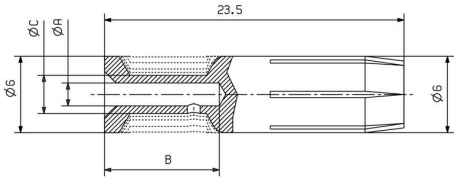
## Drawings



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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 | CTIN CM 3.6 | Version |
| Order No. | 9205440000 | Crimping tool for contacts, 1.5mm², 10mm², 4-indent crimp |
| GTIN (EAN) | 4032248734146 | |
| Qty. | 1 ST | |

### 2-pole

The HQ series - big features in a compact design. The electrical characteristics speak for themselves.
The wire connection level is designed for crimp contacts. The proven crimp connection method has been in standard use for decades. Crimp contacts are not included in the scope of delivery of inserts.

### General ordering data

| | | |
|---|---|---|
| Type | HDC HQ 2 FC | Version |
| Order No. | 3103510000 | HDC insert, Female, 400 V, 40 A, Number of poles: 2, Crimp contact, |
| GTIN (EAN) | 4099987151238 | Installation size: 1 |
| Qty. | 1 ST | |
| Type | HDC HQ 2 MC | Version |
| Order No. | 3103500000 | HDC insert, Male, 400 V, 40 A, Number of poles: 2, Crimp contact, |
| GTIN (EAN) | 4099987151221 | Installation size: 1 |
| Qty. | 1 ST | |

### 3-pole

The HQ series - big features in a compact design. The electrical characteristics speak for themselves.
The wire connection level is designed for crimp contacts. The proven crimp connection method has been in standard use for decades. Crimp contacts are not included in the scope of delivery of inserts.

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## Accessories

### General ordering data

| | | |
|---|---|---|
| Type | HDC HQ 3 FC | Version |
| Order No. | 3103530000 | HDC insert, Female, 400 V, 40 A, Number of poles: 3, Crimp contact, |
| GTIN (EAN) | 4099987151252 | Installation size: 1 |
| Qty. | 1 ST | |
| Type | HDC HQ 3 MC | Version |
| Order No. | 3103520000 | HDC insert, Male, 400 V, 40 A, Number of poles: 3, Crimp contact, |
| GTIN (EAN) | 4099987151245 | Installation size: 1 |
| Qty. | 1 ST | |

### 4-pole

The HQ series - big features in a compact design. The electrical characteristics speak for themselves.
The wire connection level is designed for crimp contacts. The proven crimp connection method has been in standard use for decades. Crimp contacts are not included in the scope of delivery of inserts.

### General ordering data

| | | |
|---|---|---|
| Type | HDC HQ 4 FC | Version |
| Order No. | 3103550000 | HDC insert, Female, 830 V, 40 A, Number of poles: 4, Crimp contact, |
| GTIN (EAN) | 4099987151559 | Installation size: 1 |
| Qty. | 1 ST | |
| Type | HDC HQ 4 MC | Version |
| Order No. | 3103540000 | HDC insert, Male, 830 V, 40 A, Number of poles: 4, Crimp contact, |
| GTIN (EAN) | 4099987151283 | Installation size: 1 |
| Qty. | 1 ST | |

### 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 | |

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## Accessories

| | | |
|---|---|---|
| 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 | |