

HDC HQ 17 FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The HQ series - big features in a compact design The electrical values speak for themselves. The standard HE crimp contacts can also be used here.

The wire connection level is designed as a crimp contact The established crimp connection has been used as a standard for decades.

Crimp contacts are not delivered with the inserts.

Pole count: 17 (+PE)

Rated current: 10 A

Rated voltage 250 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

Crimp connection

General ordering data

| | |
|------------|---|
| Version | HDC insert, Female, 250 V, 10 A, Number of poles: 17, Crimp connection, Installation size: HQ |
| Order No. | 1003200000 |
| Type | HDC HQ 17 FC |
| GTIN (EAN) | 4032248698196 |
| Qty. | 1 items |

Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 41.6 mm | Depth (inches) | 1.6378 inch |
| Height | 36.7 mm | Height (inches) | 1.4449 inch |
| Width | 22.4 mm | Width (inches) | 0.8819 inch |
| Net weight | 14 g | | |

Temperatures

| | |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

Environmental Product Compliance

| | |
|------------------------|--|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | 1609748e-c278-4c9b-b3d1-e6215d2988cd |

| | | |
|---------------------|--------------------------|---------------------------|
| Chemical resistance | Substance | Acetone |
| | Chemical resistance | Resistant |
| | Substance | Ammonia, watery |
| | Chemical resistance | Conditionally resistant |
| | Substance | Petrol |
| | Chemical resistance | Resistant |
| | Substance | Benzene |
| | Chemical resistance | Resistant |
| | Substance | Diesel oil |
| | Chemical resistance | Conditionally resistant |
| | Substance | Acetic acid, concentrated |
| | Chemical resistance | Resistant |
| | Substance | Potassium hydroxide |
| | Chemical resistance | Conditionally resistant |
| | Substance | Methanol |
| | Chemical resistance | Conditionally resistant |
| | Substance | Motor oil |
| | Chemical resistance | Conditionally resistant |
| | Substance | Lye, diluted |
| | Chemical resistance | Resistant |
| Substance | Hydrochlorofluorocarbons | |
| Chemical resistance | Conditionally resistant | |
| Substance | Outdoor use | |
| Chemical resistance | Conditionally resistant | |

Dimensions

| | | | |
|------------------|---------|-------------------|---------|
| Width | 22.4 mm | Total length base | 41.6 mm |
| Height of socket | 36.7 mm | | |

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Technical data

General data

| | | | |
|-----------------------------------|-------------|--------------------------------------|---|
| Number of poles | 17 | Plugging cycles, silver | ≥ 500 |
| Plugging cycles, gold | ≥ 500 | Type of connection | Crimp connection |
| Installation size | HQ | UL 94 flammability rating | V-0 |
| Volume resistance | ≤4 mΩ | Colour | beige |
| Insulation resistance | 1010 Ω | Insulating material | PC glass-fibre reinforced (UL-listed and railway-certified) |
| Insulating material group | IIIa | Type | Female |
| Pollution severity | 2 | Basic material | Copper alloy |
| Series | HQ | Rated voltage (DIN EN 61984) | 250 V |
| Rated voltage according to UL/CSA | 600 V AC/DC | Rated impulse voltage (DIN EN 61984) | 4 kV |
| Rated current (DIN EN 61984) | 10 A | Free from halogens | false |
| Low smoke acc. DIN EN 45545-2 | Yes | BG | HQ |

Connection data PE

| | | | |
|------------------------------------|---------------------|------------------------------------|--------|
| Connection type PE | Crimp connection | Stripping length PE connection | 8 mm |
| Rated cross-section | 2.5 mm ² | Wire cross section, AWG (PE), min. | AWG 26 |
| Wire cross section, AWG (PE), max. | AWG 14 | | |

Version

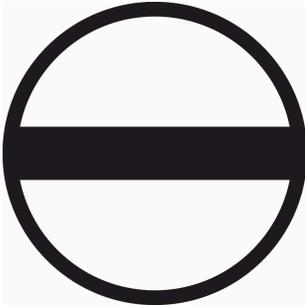
| | | | |
|--|---------------------|--|----------------------|
| Wire connection cross section AWG, max. | AWG 14 | Stripping length, rated connection | 8 mm |
| Type of connection | Crimp connection | Installation size | HQ |
| Volume resistance | ≤4 mΩ | Wire connection cross section AWG, min. | AWG 26 |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section, finely stranded, min. | 0.14 mm ² |
| Conductor cross-section, max. | 2.5 mm ² | Conductor cross-section, min. | 0.14 mm ² |
| Basic material | Copper alloy | BG | HQ |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000438 | ETIM 9.0 | EC000438 |
| ETIM 10.0 | EC000438 | ECLASS 14.0 | 27-44-02-05 |
| ECLASS 15.0 | 27-44-02-05 | | |

Accessories

Slotted screwdriver

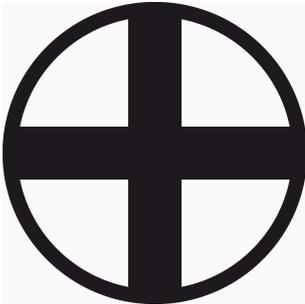


VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

| | | | |
|------------|----------------------------|--------------------------|--|
| Type | SDIS 0.6X3.5X100 | Version | |
| Order No. | 9008390000 | Screwdriver, Screwdriver | |
| GTIN (EAN) | 4032248056354 | | |
| Qty. | 1 ST | | |
| Type | SDS 0.6X3.5X100 | Version | |
| Order No. | 9008330000 | Screwdriver, Screwdriver | |
| GTIN (EAN) | 4032248056286 | | |
| Qty. | 1 ST | | |

Crosshead screwdriver Phillips



VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

| | | | |
|------------|----------------------------|--------------------------|--|
| Type | SDIK PH0 | Version | |
| Order No. | 9008560000 | Screwdriver, Screwdriver | |
| GTIN (EAN) | 4032248056552 | | |
| Qty. | 1 ST | | |
| Type | SDK PH0 | Version | |
| Order No. | 9008470000 | Screwdriver, Screwdriver | |
| GTIN (EAN) | 4032248056460 | | |
| Qty. | 1 ST | | |

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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, 0.14mm ² , 4mm ² , W crimp | |
| GTIN (EAN) | 40081908884598 | | |
| Qty. | 1 ST | | |

| | | | |
|------------|----------------------------|--|--|
| Type | CTIN CM 1.6/2.5 | Version | |
| Order No. | 9205430000 | Pressing tool, Crimping tool for contacts, 0.14mm ² , 6mm ² , 4-indent crimp | |
| GTIN (EAN) | 4032248733446 | | |
| 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 | | |

Crimp contacts HD



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.

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Accessories

General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC-C-HD-BM0.14-0.37AG | Version |
| Order No. | 1651570000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400248 | Female, Conductor cross-section, max.: 0.37, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM0.5AG | Version |
| Order No. | 1651580000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400255 | Female, Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM0.75-1.00AG | Version |
| Order No. | 1601760000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190158354 | Female, Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM1.5AG | Version |
| Order No. | 1651600000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400279 | Female, Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM2.5AG | Version |
| Order No. | 1651610000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400286 | Female, Conductor cross-section, max.: 2.5, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM0.14-0.37AU | Version |
| Order No. | 1651670000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400347 | Female, Conductor cross-section, max.: 0.37, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM0.5AU | Version |
| Order No. | 1651680000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400354 | Female, Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM0.75-1.00AU | Version |
| Order No. | 1651690000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400361 | Female, Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM1.5AU | Version |
| Order No. | 1651700000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400378 | Female, Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-BM2.5AU | Version |
| Order No. | 1651710000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, |
| GTIN (EAN) | 4008190400385 | Female, Conductor cross-section, max.: 2.5, turned, Copper alloy |
| Qty. | 100 ST | |