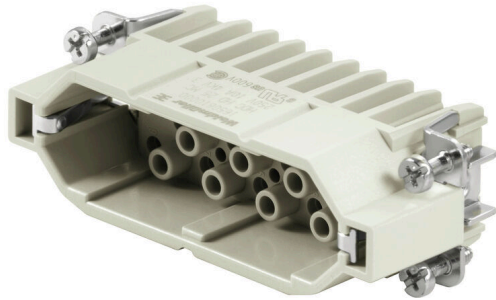


HDC HD 25 MC**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



The HD range features a high density of contacts. It is thus optimally suited for signal processing.
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.

Number of poles: 25

Rated current: 10 A

Rated voltage: 250 V

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

General ordering data

| | |
|------------|--|
| Version | HDC insert, Male, 250 V, 10 A, Number of poles: 25, Crimp connection, Installation size: 5 |
| Order No. | 1650810000 |
| Type | HDC HD 25 MC |
| GTIN (EAN) | 4008190299439 |
| Qty. | 1 items |

HDC HD 25 MC

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Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Depth | 73 mm | Depth (inches) | 2.874 inch |
| Height | 35 mm | Height (inches) | 1.378 inch |
| Width | 23 mm | Width (inches) | 0.9055 inch |
| Net weight | 33 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 | 23 mm | Total length base | 73 mm |
| Height of plug | 35 mm | | |

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Technical data

General data

| | | | |
|---------------------------------------|---|-----------------------------------|--------|
| Number of poles | 25 | | |
| Plugging cycles, silver | ≥ 500 | | |
| Plugging cycles, gold | ≥ 500 | | |
| Type of connection | Crimp connection | | |
| Installation size | 5 | | |
| 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 | | |
| Conductor cross-section | 2.5 mm ² | | |
| Tightening torque, max. PE connection | 1.5 Nm | | |
| Type | Male | | |
| Pollution severity | 3 | | |
| Tightening torque, min. PE connection | 1.2 Nm | | |
| Basic material | Copper alloy | | |
| Series | HD | | |
| 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 | | |
| Rated current (UR) | Wire connection cross section AWG | AWG 14 | |
| | Rated current | 10 A | |
| | Wire connection cross section AWG | AWG 16 | |
| | Rated current | 7 A | |
| | Wire connection cross section AWG | AWG 18 | |
| | Rated current | 7 A | |
| | Wire connection cross section AWG | AWG 20 | |
| | Rated current | 2.75 A | |
| | Wire connection cross section AWG | AWG 22 | |
| | Rated current | 2.75 A | |
| | Wire connection cross section AWG | AWG 24 | |
| | Rated current | 2.75 A | |
| | Rated current (cUR) | Wire connection cross section AWG | AWG 14 |
| | | Rated current | 10 A |
| | | Wire connection cross section AWG | AWG 16 |
| | | Rated current | 7 A |
| Wire connection cross section AWG | | AWG 18 | |
| Rated current | | 7 A | |
| Wire connection cross section AWG | | AWG 20 | |
| Rated current | | 2.75 A | |
| Wire connection cross section AWG | | AWG 22 | |
| Rated current | | 2.75 A | |
| Wire connection cross section AWG | | AWG 24 | |
| Rated current | | 2.75 A | |
| Free from halogens | | true | |
| Low smoke acc. DIN EN 45545-2 | | Yes | |
| BG | | 5 | |
| Number of signal contacts | | 0 | |
| Number of power contacts | 25 | | |

Connection data PE

| | | | |
|--------------------------------|------------------|---------------------------------------|----------------------------|
| Connection type PE | Screw connection | Blade size, slotted (PE connection) | SD 0.6 x 3.5, SD 0.8 x 4.0 |
| Stripping length PE connection | 10 mm | Tightening torque, max. PE connection | 1.5 Nm |

Creation date 03.05.2026 11:00:58 MEZ

Catalogue status / Drawings

HDC HD 25 MC

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Technical data

| | | | |
|---------------------------------------|---------------------|------------------------------------|--------|
| Tightening torque, min. PE connection | 1.2 Nm | Fixing screw | M 4 |
| Rated cross-section | 2.5 mm ² | Wire cross section, AWG (PE), min. | AWG 20 |
| 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 | 5 |
| Volume resistance | ≤4 mΩ | Wire connection cross section AWG, min. | AWG 26 |
| Wire cross-section, solid, max. | 2.5 mm ² | Wire cross-section, solid, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Conductor cross-section, max. | 2.5 mm ² | Conductor cross-section, min. | 0.14 mm ² |
| Basic material | Copper alloy | BG | 5 |

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 | | |

Drawings



HDC HD 25 MC

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Accessories

DSTV



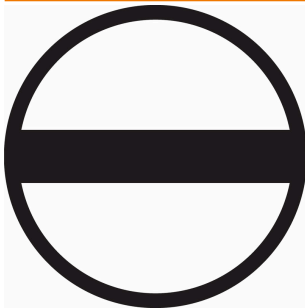
Various accessories are available for our inserts. This includes coding elements for the inserts.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | DSTV COST4 | Version |
| Order No. | 1471300000 | Heavy-duty connectors, Accessories, Coding System |
| GTIN (EAN) | 4008190017354 | |
| Qty. | 100 ST | |

| | | |
|------------|----------------------------|--|
| Type | DSTV COBU5 | Version |
| Order No. | 1471500000 | Heavy-duty connectors, Accessories, Coding element |
| GTIN (EAN) | 4008190178543 | |
| Qty. | 100 ST | |

Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive grip 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 | |

| | | |
|------------|----------------------------|--------------------------|
| Type | SDIS 0.8X4.0X100 | Version |
| Order No. | 9008400000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056361 | |
| Qty. | 1 ST | |

| | | |
|------------|----------------------------|--------------------------|
| Type | SDS 0.8X4.0X100 | Version |
| Order No. | 9008340000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056293 | |
| Qty. | 1 ST | |

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Accessories

Crosshead screwdriver Pozidriv



VDE insulated crosshead screwdriver type Pozidriv SDIK PZ DIN 7438, ISO 8764/2-PZ, output to ISO 8764-PZ, SoftFinish grip

General ordering data

| | | | |
|------------|----------------------------|--------------------------|--|
| Type | SDIK PZ 1 | Version | |
| Order No. | 9008900000 | Screwdriver, Screwdriver | |
| GTIN (EAN) | 4032248266685 | | |
| Qty. | 1 ST | | |
| Type | SDK PZ 1 | Version | |
| Order No. | 9008530000 | Screwdriver, Screwdriver | |
| GTIN (EAN) | 4032248056521 | | |
| Qty. | 1 ST | | |

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) | 4008190884598 | | |
| 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 | | |

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Accessories

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.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | HDC-C-HD-SM0.14-0.37AG | Version | |
| Order No. | 1651520000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, | |
| GTIN (EAN) | 4008190400194 | Conductor cross-section, max.: 0.37, turned, Copper alloy | |
| Qty. | 100 ST | | |
| Type | HDC-C-HD-SM0.5AG | Version | |
| Order No. | 1651530000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, | |
| GTIN (EAN) | 4008190400200 | Conductor cross-section, max.: 0.5, turned, Copper alloy | |
| Qty. | 100 ST | | |
| Type | HDC-C-HD-SM0.75-1.00AG | Version | |
| Order No. | 1601750000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, | |
| GTIN (EAN) | 4008190134280 | Conductor cross-section, max.: 1, turned, Copper alloy | |
| Qty. | 100 ST | | |
| Type | HDC-C-HD-SM1.5AG | Version | |
| Order No. | 1651550000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, | |
| GTIN (EAN) | 4008190400224 | Conductor cross-section, max.: 1.5, turned, Copper alloy | |
| Qty. | 100 ST | | |
| Type | HDC-C-HD-SM2.5AG | Version | |
| Order No. | 1651560000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, | |
| GTIN (EAN) | 4008190400231 | Conductor cross-section, max.: 2.5, turned, Copper alloy | |
| Qty. | 100 ST | | |

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Accessories

| | | |
|------------|----------------------------|---|
| Type | HDC-C-HD-SM0.14-0.37AU | Version |
| Order No. | 1651620000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, |
| GTIN (EAN) | 4008190400293 | Conductor cross-section, max.: 0.37, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-SM0.5AU | Version |
| Order No. | 1651630000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, |
| GTIN (EAN) | 4008190400309 | Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-SM0.75-1.00AU | Version |
| Order No. | 1651640000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, |
| GTIN (EAN) | 4008190400316 | Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-SM1.5AU | Version |
| Order No. | 1651650000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, |
| GTIN (EAN) | 4008190400323 | Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 ST | |
| Type | HDC-C-HD-SM2.5AU | Version |
| Order No. | 1651660000 | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male, |
| GTIN (EAN) | 4008190400330 | Conductor cross-section, max.: 2.5, turned, Copper alloy |
| Qty. | 100 ST | |