

HDC HEEE 64 FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

| | |
|------------|---|
| | |
| Version | HDC insert, Female, 500 V, 16 A, Number of poles: 64, Crimp connection, Size: 8 |
| Order No. | 2729590000 |
| Type | HDC HEEE 64 FC |
| GTIN (EAN) | 4064675010456 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|--------|
| Net weight | 83.6 g |
|------------|--------|

Temperatures

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

General data

| | | | |
|-------------------------------|--------|--------------------------------------|--------------------|
| BG | 8 | Colour | beige |
| Free from halogens | true | Insulating material | PC |
| Insulating material group | IIIa | Insulation strength | 10 ¹⁰ Ω |
| Low smoke acc. DIN EN 45545-2 | Yes | Material | Copper alloy |
| Number of poles | 64 | Pollution severity | 3 |
| Rated current (DIN EN 61984) | 16 A | Rated impulse voltage (DIN EN 61984) | 6 kV |
| Rated voltage (DIN EN 61984) | 500 V | Rated voltage according to UL/CSA | 600 V AC/DC |
| Series | HEEE | Size | 8 |
| Type | Female | Type of connection | Crimp connection |
| UL 94 flammability rating | V-0 | | |

Connection data PE

| | | | |
|--------------------|------------------|--------------------------------|-------|
| Connection type PE | Screw connection | Stripping length PE connection | 10 mm |
|--------------------|------------------|--------------------------------|-------|

Version

| | | | |
|--|---------------------|--|-------------------|
| BG | 8 | Conductor cross-section, max. | 4 mm ² |
| Conductor cross-section, min. | 0.5 mm ² | Material | Copper alloy |
| Size | 8 | Stripping length, rated connection | 7.5 mm |
| Type of connection | Crimp connection | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 20 | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | Wire cross-section, solid, max. | 4 mm ² |
| Wire cross-section, solid, min. | 0.5 mm ² | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000438 | ETIM 7.0 | EC000438 |
| ETIM 8.0 | EC000438 | ETIM 9.0 | EC000438 |
| ECLASS 9.0 | 27-44-02-05 | ECLASS 9.1 | 27-44-02-05 |
| ECLASS 10.0 | 27-44-02-05 | ECLASS 11.0 | 27-44-02-05 |
| ECLASS 12.0 | 27-44-02-05 | ECLASS 13.0 | 27-44-02-05 |

Environmental Product Compliance

| | |
|------------|--|
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | 1609748e-c278-4c9b-b3d1-e6215d2988cd |

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Technical data

Approvals

Approvals



UL File Number Search

UL Website

Certificate No. (cURus)

E92202

Downloads

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20200914 Technical change to HDC HEEE 4064 INSERTS](#)

Catalogues

[Catalogues in PDF-format](#)

HDC HEEE 64 FC**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****DSTV**

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

General ordering data

| | | |
|------------|----------------------------|--|
| Type | DSTV COBU5 | Version |
| Order No. | 1471500000 | Heavy-duty connectors, Accessories, Coding element |
| GTIN (EAN) | 4008190178543 | |
| Qty. | 100 pc(s). | |
| Type | DSTV COST4 | Version |
| Order No. | 1471300000 | Heavy-duty connectors, Accessories, Coding System |
| GTIN (EAN) | 4008190017354 | |
| Qty. | 100 pc(s). | |

Crosshead screwdriver Phillips

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | SDK PH1 | Version |
| Order No. | 9008480000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056477 | |
| Qty. | 1 pc(s). | |

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www.weidmueller.com**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) | 4008190884598 | |
| Qty. | 1 pc(s). | |
| Type | CTIN CM 1.6/2.5 | Version |
| Order No. | 9205430000 | Pressing tool, Crimping tool for contacts, 0.14mm ² , 6mm ² , 4-indent |
| GTIN (EAN) | 4032248733446 | crimp |
| Qty. | 1 pc(s). | |

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 PH1 | Version |
| Order No. | 9008570000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056569 | |
| Qty. | 1 pc(s). | |

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Accessories

Crimp contacts HE



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-HE-BM4.0AG | Version |
| Order No. | 1201500000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190148096 | Female, Conductor cross-section, max.: 4, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM0.75-1.00AU | Version |
| Order No. | 1651480000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400156 | Female, Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM4.0AU | Version |
| Order No. | 1651510000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400187 | Female, Conductor cross-section, max.: 4, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM0.5AU | Version |
| Order No. | 1651470000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400149 | Female, Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM0.75-1.00AG | Version |
| Order No. | 1201200000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190044480 | Female, Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM1.5AU | Version |
| Order No. | 1651490000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400163 | Female, Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM2.5AG | Version |
| Order No. | 1201400000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190047078 | Female, Conductor cross-section, max.: 2.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM1.5AG | Version |
| Order No. | 1201300000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190100346 | Female, Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM2.5AU | Version |
| Order No. | 1651500000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400170 | Female, Conductor cross-section, max.: 2.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|--|
| Type | HDC-C-HE-BM0.5AG | Version |
| Order No. | 1201100000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190142698 | Female, Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |

HE

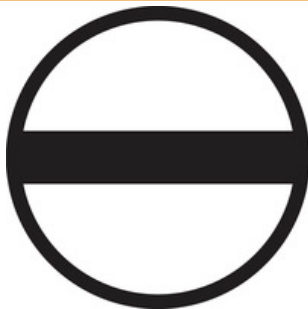
Various accessories are available for our inserts. This includes coding elements for the inserts.



General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC HE CP | Version |
| Order No. | 1003240000 | Heavy-duty connectors, Accessories, Coding System |
| GTIN (EAN) | 4032248698233 | |
| Qty. | 100 pc(s). | |

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | SDS 0.6X3.5X100 | Version |
| Order No. | 9008330000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056286 | |
| Qty. | 1 pc(s). | |
| Type | SDS 0.8X4.0X100 | Version |
| Order No. | 9008340000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056293 | |
| Qty. | 1 pc(s). | |

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www.weidmueller.com**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 pc(s). | |
| Type | SDIS 0.8X4.0X100 | Version |
| Order No. | 9008400000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056361 | |
| Qty. | 1 pc(s). | |

Contact removal tools

Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

General ordering data

| | | |
|------------|----------------------------|-----------------------------|
| Type | REMOVAL TOOL HE | Version |
| Order No. | 1866750000 | Tools, Contact Removal Tool |
| GTIN (EAN) | 4032248437078 | |
| Qty. | 1 pc(s). | |