# HDC CM HE 4 MC

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



The HE-ConCept module is designed as a power module. The module is assembled with HE crimp contacts. A variety of wire cross-sections and two surfaces (silver and gold) are possible.
A customized contact removal tool is available for removing the contacts.
The power modules can be ordered with or without the integrated module release aid. A removal tool is available for modules that do not have the integrated module release aid.

## General ordering data

| | |
|---|---|
| Version | Heavy-duty connectors, HDC insert, ConCept module |
| Order No. | 1861920000 |
| Type | HDC CM HE 4 MC |
| GTIN (EAN) | 4032248425068 |
| Qty. | 10 pc(s). |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 34 mm | Depth (inches) | 1.339 inch |
| Height | 39.5 mm | Height (inches) | 1.555 inch |
| Width | 11.4 mm | Width (inches) | 0.449 inch |
| Net weight | 9.2 g | | |

### Environmental Product Compliance

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

### ConCept Pneumatic module

| | | | |
|---|---|---|---|
| Colour | beige | UL 94 flammability rating | V-0 |

### Dimensions

| | | | |
|---|---|---|---|
| Height of plug | 39.5 mm | Total length base | 34 mm |
| Width | 11.4 mm | | |

### General data

| | | | |
|---|---|---|---|
| Insulating material | PC glass-fibre reinforced (UL-listed and railway-certified) | Insulation strength | $10^{12}$ Ω |
| Material | Polycarbonate, glass fibre reinforced | Number of poles | 4 |
| Pollution severity | 3 | Rated current (DIN EN 61984) | 25 A |
| Rated impulse voltage (DIN EN 61984) | 8 kV | Rated voltage (DIN EN 61984) | 630 V |
| Series | ConCept module | Surge voltage category | III |
| Type | Pin | UL 94 flammability rating | V-0 |
| Volume resistance | ≤2 mΩ | | |

### Connection data PE

| | |
|---|---|
| Connection type PE | Screw connection via module frame |

### Version

| | | | |
|---|---|---|---|
| Conductor cross-section, max. | 4 mm² | Conductor cross-section, min. | 0.5 mm² |
| Material | Polycarbonate, glass fibre reinforced | Stripping length, rated connection | 7.5 mm |
| Type of connection | Crimp connection | Volume resistance | ≤2 mΩ |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 20 |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC000438 | ETIM 7.0 | EC000438 |
| ETIM 8.0 | 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 |

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### Approvals

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

### Downloads

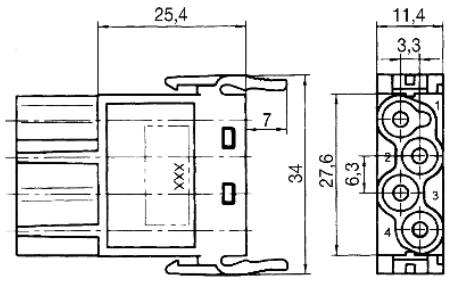
| | |
|---|---|
| Approval/Certificate/Document of Conformity | Manufacturer's declaration |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN |

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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 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). | |

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## Accessories

### 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). | |

### Modul removal tool



Weidmüller offers a variety of crimping tools, no-contact tools, and fibre optic tools.

#### General ordering data

| | | |
|---|---|---|
| Type | HDC-DW-M0D | Version |
| Order No. | 1688200000 | Tool miscellaneous, Contact Removal Tool |
| GTIN (EAN) | 4008190857189 | |
| 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-SM0.75-1.00AU | Version |
| Order No. | 1651430000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190400101 | Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-SM4.0AU | Version |
| Order No. | 1651460000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190400132 | Conductor cross-section, max.: 4, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-SM0.75-1.00AG | Version |
| Order No. | 1200600000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190171308 | Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-SM0.5AU | Version |
| Order No. | 1651420000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190400095 | Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-SM1.5AG | Version |
| Order No. | 1200700000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190074920 | Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-SM2.5AG | Version |
| Order No. | 1200800000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190131913 | Conductor cross-section, max.: 2.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-SM4.0AG | Version |
| Order No. | 1200900000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190115906 | Conductor cross-section, max.: 4, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-SM0.5AG | Version |
| Order No. | 1200500000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190159627 | Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-SM2.5AU | Version |
| Order No. | 1651450000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190400125 | Conductor cross-section, max.: 2.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |

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## Accessories

| | | |
|---|---|---|
| Type | HDC-C-HE-SM1.5AU | Version |
| Order No. | 1651440000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Pin, |
| GTIN (EAN) | 4008190400118 | Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |