

HDC CM 10 FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



HD-series crimp contacts are used with the CM10 module. The crimp contact features a stainless steel spring. The top spring provides a secure and permanent grip on the crimp contact in the module.

Customized contact-release tools are available for taking apart the contacts. The CM10 module can be ordered with or without the integrated module-release aid. A removal tool is available for those modules that do not feature an integrated module-release aid.

General ordering data

| | |
|------------|---|
| Version | Heavy-duty connectors, HDC insert, ConCept module |
| Order No. | 1758410000 |
| Type | HDC CM 10 FC |
| GTIN (EAN) | 4032248019632 |
| Qty. | 10 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 34 mm | Depth (inches) | 1.3386 inch |
| Height | 40.4 mm | Height (inches) | 1.5905 inch |
| Width | 11.4 mm | Width (inches) | 0.4488 inch |
| Net weight | 12.2 g | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

ConCept Pneumatic module

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

Dimensions

| | | | |
|------------------|---------|-------------------|-------|
| Width | 11.4 mm | Total length base | 34 mm |
| Height of socket | 40.4 mm | | |

General data

| | | | |
|-------------------------------|---|--------------------------------------|------------------|
| Number of poles | 10 | Type of connection | Crimp connection |
| UL 94 flammability rating | V-0 | Volume resistance | ≤4 mΩ |
| Colour | beige | Insulation resistance | 1011 Ω |
| Insulating material | PC glass-fibre reinforced (UL-listed and railway-certified) | Type | Female |
| Surge voltage category | III | Pollution severity | 3 |
| Basic material | Polycarbonate, glass fibre reinforced | Series | ConCept module |
| Rated voltage (DIN EN 61984) | 250 V | 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 | | |

Connection data PE

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

Version

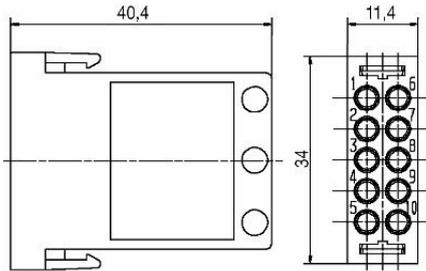
| | | | |
|---|----------------------|------------------------------------|---------------------------------------|
| Wire connection cross section AWG, max. | AWG 14 | Stripping length, rated connection | 8 mm |
| Type of connection | Crimp connection | Volume resistance | ≤4 mΩ |
| Wire connection cross section AWG, min. | AWG 26 | Conductor cross-section, max. | 2.5 mm ² |
| Conductor cross-section, min. | 0.14 mm ² | Basic material | Polycarbonate, glass fibre reinforced |

Technical data

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 CM 10 FC

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Accessories

Modul removal tool



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

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | HDC-DW-MOD | Version | |
| Order No. | 1688200000 | Tool miscellaneous, Contact Removal Tool | |
| GTIN (EAN) | 4008190857189 | | |
| 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 | | |

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-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 | |