

**HDC MMBIT 8 FC M****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Flexible**

The four module sizes make for individual plug solutions that save a huge amount of space. The smaller pitch translates into an optimised design too.

**General ordering data**

|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| Version    | Data module, 48 V, 10 A, Cat. 5e, Number of poles: 8, Crimp connection, Female, Required plug-in slots: 8 |
| Order No.  | <a href="#">3092830000</a>                                                                                |
| Type       | HDC MMBIT 8 FC M                                                                                          |
| GTIN (EAN) | 4099987109864                                                                                             |
| Qty.       | 1 pc(s).                                                                                                  |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 51.5 mm | Height (inches) | 2.028 inch |
| Width      | 33.8 mm | Width (inches)  | 1.331 inch |
| Length     | 14.6 mm | Length (inches) | 0.575 inch |
| Net weight | 30.4 g  |                 |            |

## Temperatures

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

## General data

|                                      |         |                              |               |
|--------------------------------------|---------|------------------------------|---------------|
| Category                             | Cat. 5e | Material                     | Polycarbonate |
| Number of poles                      | 8       | Plugging cycles              | ≥ 500         |
| Pollution severity                   | 3       | Rated current (DIN EN 61984) | 10 A          |
| Rated impulse voltage (DIN EN 61984) | 0.8 kV  | Rated voltage (DIN EN 61984) | 48 V          |
| Required plug-in slots               | 8       | Series                       | ModuPlug      |
| Surge voltage category               | III     | Type                         | Female        |
| UL 94 flammability rating            | V-0     |                              |               |

## Version

|                                         |                     |                                         |                      |
|-----------------------------------------|---------------------|-----------------------------------------|----------------------|
| Conductor cross-section, max.           | 1.5 mm <sup>2</sup> | Conductor cross-section, min.           | 0.14 mm <sup>2</sup> |
| Type of connection                      | Crimp connection    | Wire connection cross section AWG, max. | AWG 26               |
| Wire connection cross section AWG, min. | AWG 16              |                                         |                      |

## Power contact

|                                                                  |                               |                      |
|------------------------------------------------------------------|-------------------------------|----------------------|
| Tightening torque, max. according to the conductor cross-section | Conductor cross-section, min. | 0.14 mm <sup>2</sup> |
|                                                                  | Conductor cross-section, max. | 1.5 mm <sup>2</sup>  |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002312    | ETIM 7.0    | EC002312    |
| ETIM 8.0    | EC000438    | ETIM 9.0    | EC000438    |
| ETIM 10.0   | EC000438    | ECLASS 9.0  | 27-44-02-92 |
| ECLASS 9.1  | 27-44-02-18 | ECLASS 10.0 | 27-44-02-92 |
| ECLASS 11.0 | 27-44-02-92 | ECLASS 12.0 | 27-44-02-92 |
| ECLASS 13.0 | 27-44-02-92 | ECLASS 14.0 | 27-44-02-92 |
| ECLASS 15.0 | 27-44-02-92 |             |             |

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Environmental Product Compliance

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

## Downloads

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |

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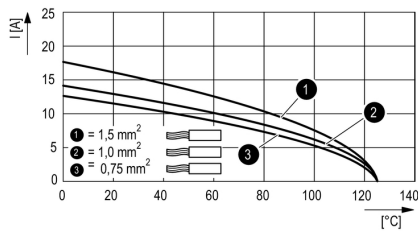
Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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## Drawings



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## Accessories

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

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|            |                            |                                                                  |
|------------|----------------------------|------------------------------------------------------------------|
| Type       | HDC-C-HD-BM1.5AU           | Version                                                          |
| Order No.  | <a href="#">1651700000</a> | Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,      |
| GTIN (EAN) | 4008190400378              | Female, Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty.       | 100 pc(s).                 |                                                                  |