

**HDC MBUS HD 1 F**

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

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 use, 50 V, 10 A, Number of poles: 1, Crimp connection, Female, Required plug-in slots: 0 |
| Order No.  | <a href="#">2748620000</a>  |
| Type       | HDC MBUS HD 1 F   |
| GTIN (EAN) | 4050118890815   |
| Qty.       | 1 items   |

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 45.9 mm | Depth (inches)  | 1.8071 inch |
| Height     | 16.3 mm | Height (inches) | 0.6417 inch |
| Width      | 18 mm   | Width (inches)  | 0.7087 inch |
| Net weight | 22 g    |                 |             |

**Temperatures**

Limit temperature -40 °C ... 125 °C

**Environmental Product Compliance**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | fa505316-3e43-4ad0-930c-360dfdbe182a |

**General data**

|                              |               |                                      |          |
|------------------------------|---------------|--------------------------------------|----------|
| Number of poles              | 1             | UL 94 flammability rating            | V-0      |
| Plugging cycles              | ≥ 500         | Type                                 | Female   |
| Surge voltage category       | III           | Pollution severity                   | 3        |
| Basic material               | Polycarbonate | Series                               | ModuPlug |
| Rated voltage (DIN EN 61984) | 50 V          | Rated impulse voltage (DIN EN 61984) | 0.8 kV   |
| Rated current (DIN EN 61984) | 10 A          | Required plug-in slots               | 0        |

**Version**

|   |                     |   |                      |
|---|---------------------|---|----------------------|
| Wire connection cross section AWG, max. | AWG 14              | Stripping length, rated connection      | 8 mm                 |
| Type of connection                      | Crimp connection    | Wire connection cross section AWG, min. | AWG 26               |
| Conductor cross-section, max.           | 2.5 mm <sup>2</sup> | Conductor cross-section, min.           | 0.14 mm <sup>2</sup> |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000438    | ETIM 9.0    | EC000438    |
| ETIM 10.0   | EC000438    | ECLASS 14.0 | 27-44-02-18 |
| ECLASS 15.0 | 27-44-02-18 |             |             |

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## Accessories

## Electrical modules



## Flexible

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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC MEMC 2 FC              | Version  |
| Order No.  | <a href="#">2748570000</a> | Data module, 50 V, 10 A, Number of poles: 2, Crimp connection, |
| GTIN (EAN) | 4050118890587              | Female, Required plug-in slots: 2                              |
| Qty.       | 2 ST                       |  |

## Shield plate MEMC



In addition to heavy-duty connectors, RockStar® includes the appropriate accessories for effective, functional and safe system cabling; e.g. coding systems, shield clamps, cover plates and replacement seals

## General ordering data

|            |                            |            |
|------------|----------------------------|------------|
| Type       | HDC MEMC ADP               | Version    |
| Order No.  | <a href="#">2748740000</a> | Shield bus |
| GTIN (EAN) | 4050118890624              |            |
| 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.  | <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 ST                     |   |

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## Accessories

|            |                            |   |
|------------|----------------------------|---|
| 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 ST                     |   |
| 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 ST                     |   |
| 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 ST                     |   |
| 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 ST                     |   |
| 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 ST                     |   |
| 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 ST                     |   |
| 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 ST                     |   |
| 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 ST                     |   |
| 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 ST                     |   |

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## Counterpart

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### Electrical modules



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### General ordering data

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | HDC MBUS HD 1 M            | Version   |  |
| Order No.  | <a href="#">2748630000</a> | Data use, 50 V, 10 A, Number of poles: 1, Crimp connection, Male, |  |
| GTIN (EAN) | 4050118890693              | Required plug-in slots: 0   |  |
| Qty.       | 1 ST                       |   |  |