

HDC MHE 6P FC

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 | Signal module, 830 V, 16 A, Number of poles: 6, Crimp connection, Female, Required plug-in slots: 1 |
| Order No. | 1505660000 |
| Type | HDC MHE 6P FC |
| GTIN (EAN) | 4050118314106 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 34 mm | Depth (inches) | 1.3386 inch |
| Height | 42.2 mm | Height (inches) | 1.6614 inch |
| Width | 14.5 mm | Width (inches) | 0.5709 inch |
| Net weight | 10.09 g | | |

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

| | |
|------------------------|--|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | 1609748e-c278-4c9b-b3d1-e6215d2988cd |

General data

| | | | |
|-----------------------------------|----------|--------------------------------------|---------------------------------------|
| Number of poles | 6 | UL 94 flammability rating | V-0 |
| Insulation resistance | 1012 Ω | Plugging cycles | ≥ 500 |
| Type | Female | Surge voltage category | III |
| Pollution severity | 3 | Basic material | Polycarbonate, glass fibre reinforced |
| Series | ModuPlug | Rated voltage (DIN EN 61984) | 830 V |
| Rated voltage according to UL/CSA | 600 V | Rated impulse voltage (DIN EN 61984) | 8 kV |
| Rated current (DIN EN 61984) | 16 A | Required plug-in slots | 1 |

PE connection data

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

Version

| | | | |
|---|-------------------|---|---------------------|
| Wire connection cross section AWG, max. | AWG 12 | Stripping length, rated connection | 7.5 mm |
| Type of connection | Crimp connection | Wire connection cross section AWG, min. | AWG 20 |
| Conductor cross-section, max. | 4 mm ² | Conductor cross-section, min. | 0.5 mm ² |

Classifications

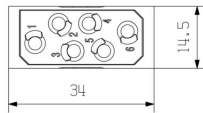
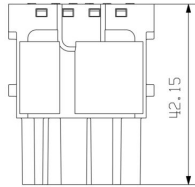
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000438 | ETIM 9.0 | EC000438 |
| ETIM 10.0 | EC000438 | ECLASS 14.0 | 27-44-02-17 |
| ECLASS 15.0 | 27-44-02-17 | | |

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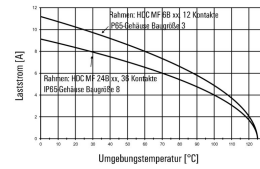
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Drawings

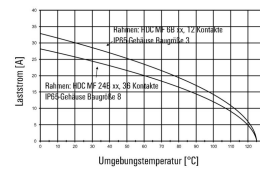
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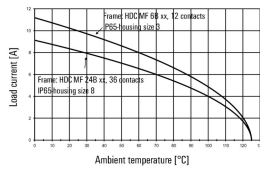
HDC-MHE 6P-Module im IP65-Gehäuse,
 Leiter H05V-K0,5:



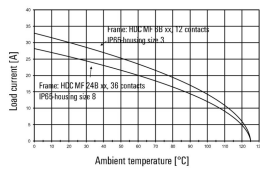
HDC-MHE 6P-Module im IP65-Gehäuse,
 Leiter H07V-K4,0:



HDC-MHE 6P-modules in the IP65-housing,
 Conductor H05V-K0,5:



HDC-MHE 6P-modules in the IP65-housing,
 Conductor H07V-K4,0:



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

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Accessories

| | | | |
|------------|----------------------------|---------|---|
| Type | HDC-C-HE-BM4.65AU | Version | |
| Order No. | 1116530000 | | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4032248897254 | | Female, Conductor cross-section, max.: 4.65, turned, Copper alloy |
| Qty. | 100 ST | | |

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Counterpart

Electrical modules



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

| | | | |
|------------|----------------------------|---|--|
| Type | HDC MHE 6P MC | Version | |
| Order No. | 1505650000 | Signal module, 830 V, 16 A, Number of poles: 6, Crimp connection, | |
| GTIN (EAN) | 4050118314113 | Male, Required plug-in slots: 1 | |
| Qty. | 1 ST | | |