

HDC MHE 6 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, 500 V, 16 A, Number of poles: 6, Crimp connection, Female, Required plug-in slots: 1 |
| Order No. | 1429370000 |
| Type | HDC MHE 6 FC |
| GTIN (EAN) | 4050118233704 |
| Qty. | 1 pc(s). |

Creation date November 26, 2024 1:03:59 PM CET

Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 34 mm | Depth (inches) | 1.339 inch |
| Height | 41.6 mm | Height (inches) | 1.638 inch |
| Width | 14.5 mm | Width (inches) | 0.571 inch |
| Net weight | 10.59 g | | |

Temperatures

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

General data

| | | | |
|--------------------------------------|--------------------|------------------------------|---------------------------------------|
| Insulation strength | 10 ¹² Ω | Material | Polycarbonate, glass fibre reinforced |
| Number of poles | 6 | Plugging cycles | ≥ 500 |
| Pollution severity | 3 | Rated current (DIN EN 61984) | 16 A |
| Rated impulse voltage (DIN EN 61984) | 6 kV | Rated voltage (DIN EN 61984) | 500 V |
| Rated voltage according to UL/CSA | 600 V | Required plug-in slots | 1 |
| Series | ModuPlug | Surge voltage category | III |
| Type | Female | UL 94 flammability rating | V-0 |

PE connection data

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

Version

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

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002312 | ETIM 7.0 | EC002312 |
| ETIM 8.0 | EC000438 | ETIM 9.0 | 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 | | |

Environmental Product Compliance

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

Data sheet**HDC MHE 6 FC**

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Technical data**Approvals**

Approvals



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

Downloads

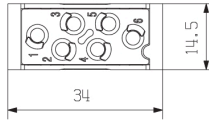
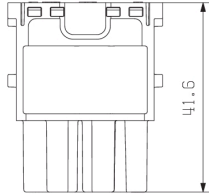
| | |
|---|--|
| Approval/Certificate/Document of Conformity | Manufacturer's declaration |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

HDC MHE 6 FC

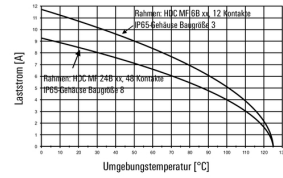
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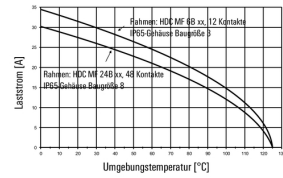
Drawings



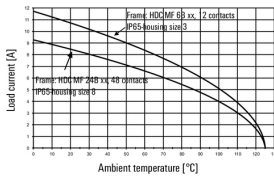
**HDC-MHE 6-Module im IP65-Gehäuse,
 Leiter H05V-K0.5:**



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



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



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

