

**ModuPlug  
HDC MHE 6P MC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**

|            |                            |
|------------|----------------------------|
| Type       | HDC MHE 6P MC              |
| Order No.  | <a href="#">1505650000</a> |
| Version    | Module                     |
| GTIN (EAN) | 4050118314113              |
| Qty.       | 1 pc(s).                   |

## Data sheet

### ModuPlug HDC MHE 6P MC

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 14.5 mm | Width (inches)  | 0.571 inch |
| Height     | 44.3 mm | Height (inches) | 1.744 inch |
| Depth      | 34 mm   | Depth (inches)  | 1.339 inch |
| Net weight | 11.58 g |                 |            |

### Temperatures

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

### General data

|                                      |                    |                              |                                       |
|--------------------------------------|--------------------|------------------------------|---------------------------------------|
| Insulation strength                  | 10 <sup>12</sup> Ω | Material                     | Polycarbonate, glass fibre reinforced |
| No. of poles                         | 6                  | Plugging cycles              | ≥ 500                                 |
| Pollution severity                   | 3                  | Rated current (DIN EN 61984) | 16 A                                  |
| Rated impulse voltage (DIN EN 61984) | 8 kV               | Rated voltage (DIN EN 61984) | 830 V                                 |
| Rated voltage according to UL/CSA    | 600 V              | Required plug-in slots       | 1                                     |
| Series                               | ModuPlug           | Surge voltage category       | III                                   |
| Type                                 | Pin                | UL 94 flammability rating    | V-0                                   |

### PE connection data

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

### Version

|   |                   |   |                     |
|---|-------------------|---|---------------------|
| Conductor cross-section, max.           | 4 mm <sup>2</sup> | Conductor cross-section, min.           | 0.5 mm <sup>2</sup> |
| 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    | eClass 6.2 | 27-14-34-19 |
| eClass 9.0 | 27-44-02-92 | eClass 9.1 | 27-44-02-18 |

### Approvals

Approvals



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

### Downloads

|                    |   |
|--------------------|---|
| Brochure/Catalogue | <a href="#">CAT 3 HDC 17/18 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data   | <a href="#">EPLAN</a>   |
| Engineering Data   | <a href="#">STEP</a>  |

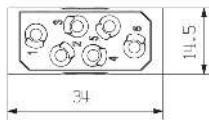
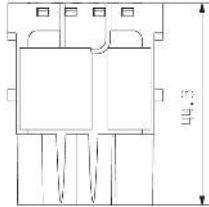
Creation date May 28, 2019 8:10:50 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

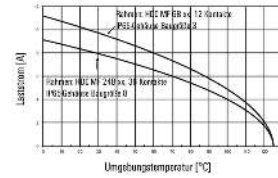
**ModuPlug  
HDC MHE 6P MC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

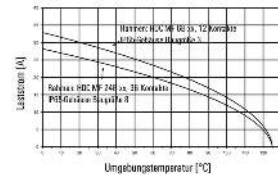
**Drawings**



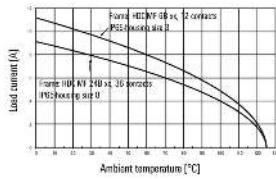
**HDC-MHE 6P-Module im IP65-Gehäuse,  
Leiter HD5V-K0.5:**



**HDC-MHE 6P-Module im IP65-Gehäuse,  
Leiter HD7V-K4.0:**



**HDC-MHE 6P-modules in the IP65-housing,  
Conductor HD5V-K0.5:**



**HDC-MHE 6P-modules in the IP65-housing,  
Conductor HD7V-K4.0:**

