

**ModuPlug  
HDC MHX 3 FC****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 MHX 3 FC               |
| Order No.  | <a href="#">1429350000</a> |
| Version    | Module                     |
| GTIN (EAN) | 4050118233476              |
| Qty.       | 1 pc(s).                   |

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**Technical data**
**Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 14.5 mm | Width (inches)  | 0.571 inch |
| Height     | 43 mm   | Height (inches) | 1.693 inch |
| Depth      | 34 mm   | Depth (inches)  | 1.339 inch |
| Net weight | 8.72 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                         | 3                  | Plugging cycles              | ≥ 500                                 |
| Pollution severity                   | 3                  | Rated current (DIN EN 61984) | 40 A                                  |
| Rated impulse voltage (DIN EN 61984) | 8 kV               | Rated voltage (DIN EN 61984) | 690 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.           | 10 mm <sup>2</sup> | Conductor cross-section, min.           | 1.5 mm <sup>2</sup> |
| Stripping length, rated connection      | 8 mm               | Type of connection                      | Crimp connection    |
| Wire connection cross section AWG, max. | AWG 8              | Wire connection cross section AWG, min. | AWG 16              |

**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 |
|------|---------|

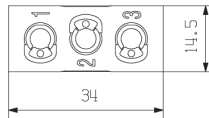
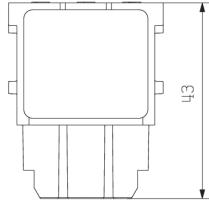
**Downloads**

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

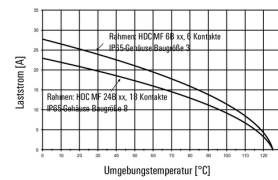
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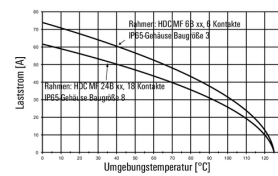
## Drawings



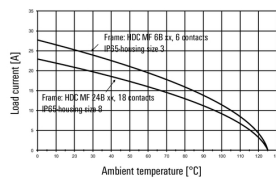
**HDC-MHX 3-Module im IP65-Gehäuse,  
Leiter H07V-K1,5:**



**HDC-MHX 3-Module im IP65-Gehäuse,  
Leiter H07V-K10:**



**HDC-MHX 3-modules in the IP65-housing,  
Conductor H07V-K1,5:**



**HDC-MHX 3-modules in the IP65-housing,  
Conductor H07V-K10:**

