

**HDC MHD 36 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, Socket connector, Module
Order No.	<a href="#">1428870000</a>
Type	HDC MHD 36 FC
GTIN (EAN)	4050118233094
Qty.	1 pc(s).

Creation date February 1, 2023 8:50:32 AM CET

Catalogue status 24.01.2023 / We reserve the right to make technical changes.

## HDC MHD 36 FC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	40.9 mm	Height (inches)	1.61 inch
Width	29.2 mm	Width (inches)	1.15 inch
Net weight	24.965 g		

## Temperatures

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

## General data

Insulation strength	10 <sup>12</sup> Ω	Material	Polycarbonate, glass fibre reinforced
Number of poles	36	Plugging cycles	≥ 500
Pollution severity	3	Rated current (DIN EN 61984)	10 A
Rated impulse voltage (DIN EN 61984)	4 kV	Rated voltage (DIN EN 61984)	250 V
Rated voltage according to UL/CSA	600 V	Required plug-in slots	2
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.	2.5 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Stripping length, rated connection	8 mm	Type of connection	Crimp connection
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26

## Classifications

ETIM 6.0	EC002312	ETIM 7.0	EC002312
ETIM 8.0	EC002312	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

## Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd

## Approvals

Approvals



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

Creation date February 1, 2023 8:50:32 AM CET

Catalogue status 24.01.2023 / We reserve the right to make technical changes.

2

**HDC MHD 36 FC**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data****Downloads**

---

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

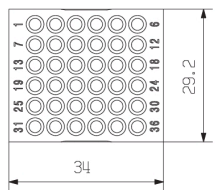
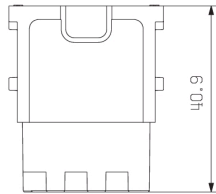
---

**HDC MHD 36 FC**

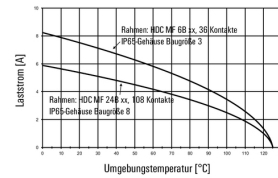
**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

**Drawings**

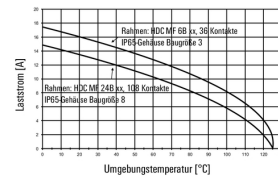
www.weidmueller.com



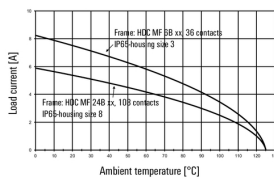
**HDC-MHD 36-Module im IP65-Gehäuse,  
 Leiter H05V-K0,5:**



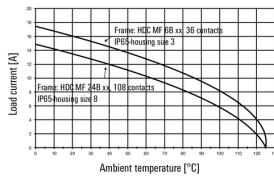
**HDC-MHD 36-Module im IP65-Gehäuse,  
 Leiter H07V-K2,5:**



**HDC-MHD 36-modules in the IP65-housing,  
 Conductor H05V-K0.5:**



**HDC-MHD 36-modules in the IP65-housing,  
 Conductor H07V-K2.5:**



## HDC MHD 36 FC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## 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-BM1.5AG	Version
Order No.	<a href="#">165160000</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 pc(s).	
Type	HDC-C-HD-BM0.5AG	Version
Order No.	<a href="#">165158000</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 pc(s).	
Type	HDC-C-HD-BM0.75-1.00AU	Version
Order No.	<a href="#">165169000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400361	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM2.5AU	Version
Order No.	<a href="#">165171000</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 pc(s).	
Type	HDC-C-HD-BM0.14-0.37AU	Version
Order No.	<a href="#">165167000</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 pc(s).	
Type	HDC-C-HD-BM0.75-1.00AG	Version
Order No.	<a href="#">160176000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190158354	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM1.5AU	Version
Order No.	<a href="#">165170000</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 pc(s).	
Type	HDC-C-HD-BM0.5AU	Version
Order No.	<a href="#">165168000</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 pc(s).	
Type	HDC-C-HD-BM0.14-0.37AG	Version
Order No.	<a href="#">165157000</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 pc(s).	

**Data sheet****HDC MHD 36 FC**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Accessories**

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 pc(s).	