

**HDC MHP 100 FC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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	Power module
Order No.	<a href="#">1429080000</a>
Type	HDC MHP 100 FC
GTIN (EAN)	4050118233513
Qty.	1 pc(s).

## HDC MHP 100 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	50.9 mm	Height (inches)	2.004 inch
Width	21.85 mm	Width (inches)	0.86 inch
Net weight	14.165 g		

## Temperatures

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

## General data

Insulation strength	$10^{12} \Omega$	Material	Polycarbonate, glass fibre reinforced
Number of poles	2	Plugging cycles	≥ 500
Pollution severity	3	Rated current (DIN EN 61984)	100 A
Rated impulse voltage (DIN EN 61984)	8 kV	Rated voltage (DIN EN 61984)	1,000 V
Rated voltage according to UL/CSA	600 V	Required plug-in slots	1.5
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.	35 mm <sup>2</sup>	Conductor cross-section, min.	10 mm <sup>2</sup>
Type of connection	Crimp connection		

## Classifications

ETIM 6.0	EC002312	ETIM 7.0	EC002312
ETIM 8.0	EC002312	ETIM 9.0	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	ECLASS 13.0	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

### HDC MHP 100 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 Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

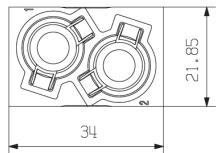
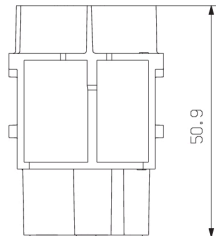
[FL FIELDWIRING EN](#)

## HDC MHP 100 FC

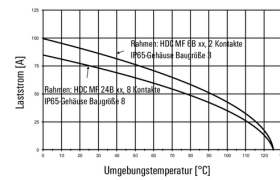
**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

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

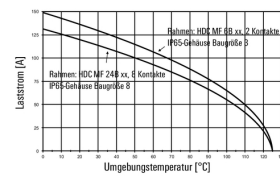
## Drawings



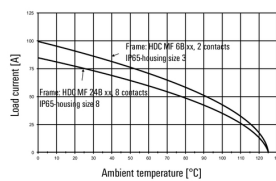
**HDC-MHP100-Module im IP65-Gehäuse,  
 Leiter H07V-K10:**



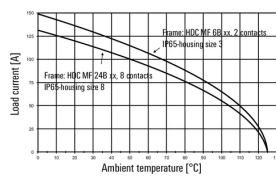
**HDC-MHP100-Module im IP65-Gehäuse,  
 Leiter H07V-K35:**



**HDC-MHP100-modules in the IP65-housing,  
 Conductor H07V-K10:**



**HDC-MHP100-modules in the IP65-housing,  
 Conductor H07V-K35:**



## HDC MHP 100 FC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Miscellaneous



In addition to heavy-duty connectors, RockStar® includes the appropriate accessories for effective, functional and safe system cabling; e.g. coding systems, shield clamps, cover plates and replacement seals

## General ordering data

Type	HDC MHP100 REMOVAL TOOL	Version
Order No.	<a href="#">1480380000</a>	ModuPlug, Contact Removal Tool
GTIN (EAN)	4050118288933	
Qty.	1 pc(s).	

## 100 A crimp contacts



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 MHP100 F 35	Version
Order No.	<a href="#">1435830000</a>	Female, silver, 35 mm <sup>2</sup>
GTIN (EAN)	4050118240696	
Qty.	10 pc(s).	
Type	HDC MHP100 F 10	Version
Order No.	<a href="#">1435790000</a>	Female, silver, 10 mm <sup>2</sup>
GTIN (EAN)	4050118240580	
Qty.	10 pc(s).	
Type	HDC MHP100 F 16	Version
Order No.	<a href="#">1435810000</a>	Female, silver, 16 mm <sup>2</sup>
GTIN (EAN)	4050118240757	
Qty.	10 pc(s).	
Type	HDC MHP100 F 25	Version
Order No.	<a href="#">1435820000</a>	Female, silver, 25 mm <sup>2</sup>
GTIN (EAN)	4050118240801	
Qty.	10 pc(s).	