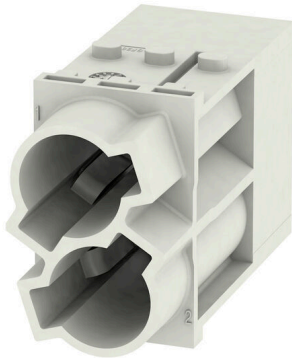


## HDC MHP 100 MC

**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, 1000 V, 100 A, Number of poles: 2, Crimp connection, Male, Required plug-in slots: 1.5
Order No.	<a href="#">1429060000</a>
Type	HDC MHP 100 MC
GTIN (EAN)	4050118233292
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	50.4 mm	Height (inches)	1.9842 inch
Width	21.85 mm	Width (inches)	0.8602 inch
Net weight	12.94 g		

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

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

## General data

Number of poles	2	
UL 94 flammability rating	V-0	
Insulation resistance	1012 Ω	
Plugging cycles	≥ 500	
Type	Male	
Surge voltage category	III	
Pollution severity	3	
Basic material	Polycarbonate, glass fibre reinforced	
Series	ModuPlug	
Rated voltage (DIN EN 61984)	1000 V	
Rated voltage according to UL/CSA	600 V	
Rated impulse voltage (DIN EN 61984)	8 kV	
Rated current (DIN EN 61984)	100 A	
Rated current (UR)	Wire connection cross section AWG	AWG 2
	Rated current	164 A
Rated current (cUR)	Wire connection cross section AWG	AWG 4
	Rated current	114 A
	Wire connection cross section AWG	AWG 6
	Rated current	99 A
	Wire connection cross section AWG	AWG 8
	Rated current	73 A
Required plug-in slots	1.5	

## PE connection data

Connection type PE	Screw connection via module frame
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**Technical data****Version**

Type of connection	Crimp connection	Conductor cross-section, max.	35 mm <sup>2</sup>
Conductor cross-section, min.	10 mm <sup>2</sup>		

**Classifications**

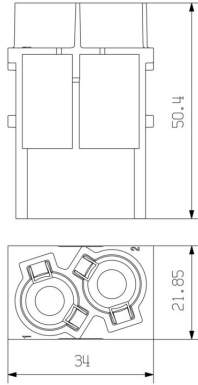
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		

HDC MHP 100 MC

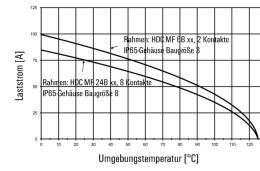
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Drawings

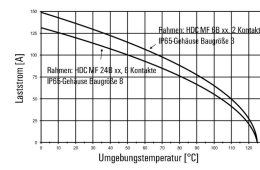
www.weidmueller.com



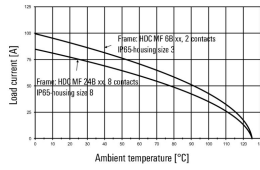
HDC-MHP100-Module im IP65-Gehäuse,  
 Leiter H07V-K10:



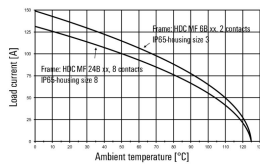
HDC-MHP100-Module im IP65-Gehäuse,  
 Leiter H07V-K35:



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



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



## HDC MHP 100 MC

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## Accessories

## 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 M 10	Version
Order No.	<a href="#">1435750000</a>	Male, silver, 10 - 10 mm <sup>2</sup>
GTIN (EAN)	4050118240566	
Qty.	10 ST	
Type	HDC MHP100 M 16	Version
Order No.	<a href="#">1435760000</a>	Male, silver, 16 - 16 mm <sup>2</sup>
GTIN (EAN)	4050118240689	
Qty.	10 ST	
Type	HDC MHP100 M 25	Version
Order No.	<a href="#">1435770000</a>	Male, silver, 25 - 25 mm <sup>2</sup>
GTIN (EAN)	4050118240573	
Qty.	10 ST	
Type	HDC MHP100 M 35	Version
Order No.	<a href="#">1435780000</a>	Male, silver, 35 - 35 mm <sup>2</sup>
GTIN (EAN)	4050118240672	
Qty.	10 ST	

## 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 ST	

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## Counterpart

### Electrical modules



#### 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 MHP 100 FC	Version	
Order No.	<a href="#">1429080000</a>	Power module, 1000 V, 100 A, Number of poles: 2, Crimp connection, Female, Required plug-in slots: 1.5	
GTIN (EAN)	4050118233513		
Qty.	1 ST		