

## HDC MHP100 PE 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, 1000 V, 100 A, Number of poles: 1, Crimp connection, Female, Required plug-in slots: 1
Order No.	<a href="#">1429110000</a>
Type	HDC MHP100 PE FC
GTIN (EAN)	4050118233360
Qty.	1 items

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**Technical data**

**Approvals**

Approvals



**Dimensions and weights**

Depth	34 mm	Depth (inches)	1.3386 inch
Height	43.35 mm	Height (inches)	1.7067 inch
Width	14.5 mm	Width (inches)	0.5709 inch
Net weight	52.5 g		

**Temperatures**

Limit temperature -40 °C ... 125 °C

**Environmental Product Compliance**

RoHS Compliance Status Compliant without exemption  
 REACH SVHC No SVHC above 0.1 wt%

**General data**

Number of poles	1	UL 94 flammability rating	V-0
Insulation resistance	1012 Ω	Plugging cycles	≥ 500
Type	Female	Surge voltage category	III
Pollution severity	3	Basic material	Zinc
Series	ModuPlug	Rated voltage (DIN EN 61984)	1000 V
Rated voltage according to UL/CSA	1000 V DC (IEC)	Rated impulse voltage (DIN EN 61984)	8 kV
Rated current (DIN EN 61984)	100 A	Required plug-in slots	1

**PE connection data**

Connection type PE Crimp connection

**Version**

Type of connection Crimp connection

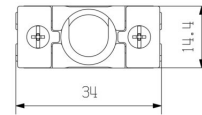
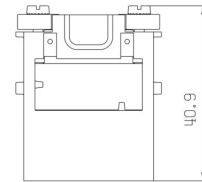
**Classifications**

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 MHP100 PE FC

Drawings

Drawing



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