

HDC MHP100 PE MC

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	Power module, 1000 V, 100 A, Number of poles: 1, Crimp connection, Pin, Required plug-in slots: 1
Order No.	1429090000
Type	HDC MHP100 PE MC
GTIN (EAN)	4050118233537
Qty.	1 items

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Technical data

Approvals

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Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	40.1 mm	Height (inches)	1.5787 inch
Width	14.5 mm	Width (inches)	0.5709 inch
Net weight	54.5 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	Pin	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

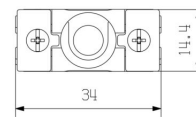
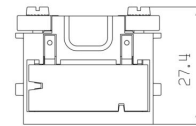
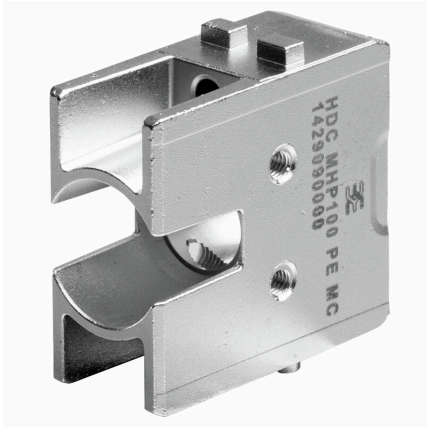
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		

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Drawings

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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.	1435750000	Male, silver, 10 - 10 mm ²
GTIN (EAN)	4050118240566	
Qty.	10 ST	
Type	HDC MHP100 M 16	Version
Order No.	1435760000	Male, silver, 16 - 16 mm ²
GTIN (EAN)	4050118240689	
Qty.	10 ST	
Type	HDC MHP100 M 25	Version
Order No.	1435770000	Male, silver, 25 - 25 mm ²
GTIN (EAN)	4050118240573	
Qty.	10 ST	
Type	HDC MHP100 M 35	Version
Order No.	1435780000	Male, silver, 35 - 35 mm ²
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.	1480380000	ModuPlug, Contact Removal Tool
GTIN (EAN)	4050118288933	
Qty.	1 ST	