

HDC MHP 100 MC 1 2

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	Module, 1000 V, 100 A, Number of poles: 2, Crimp connection, Male, Required plug-in slots: 1
Order No.	3158690000
Type	HDC MHP 100 MC 1 2
GTIN (EAN)	4099987671170
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E310075

Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	50.4 mm	Height (inches)	1.9842 inch
Width	34 mm	Width (inches)	1.3386 inch
Net weight	12 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	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	Required plug-in slots	1

PE connection data

Connection type PE Screw connection via module frame

Version

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

Classifications

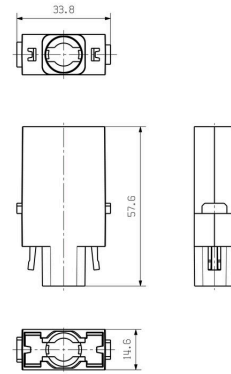
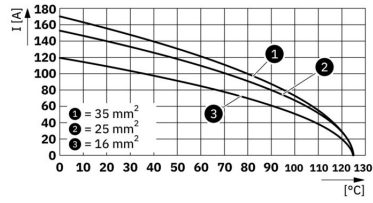
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		

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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 2	Version	
Order No.	3157310000	Male, silver, 10 - 10 mm ²	
GTIN (EAN)	4099987663533		
Qty.	10 ST		
Type	HDC MHP100 M 16 2	Version	
Order No.	3157320000	Male, silver, 16 - 16 mm ²	
GTIN (EAN)	4099987663540		
Qty.	10 ST		
Type	HDC MHP100 M 25 2	Version	
Order No.	3157330000	Male, silver, 25 - 25 mm ²	
GTIN (EAN)	4099987663557		
Qty.	10 ST		
Type	HDC MHP100 M 35 2	Version	
Order No.	3157340000	Male, silver, 35 - 35 mm ²	
GTIN (EAN)	4099987663564		
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		