

HDC MHP 100 FC**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
Order No.	1429080000
Type	HDC MHP 100 FC
GTIN (EAN)	4050118233513
Qty.	1 pc(s).

HDC MHP 100 FC

Weidmüller Interface GmbH & 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 ²	Conductor cross-section, min.	10 mm ²
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

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](#)

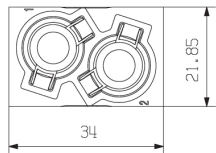
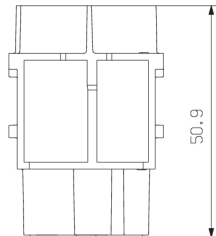
[FL FIELDWIRING EN](#)

HDC MHP 100 FC

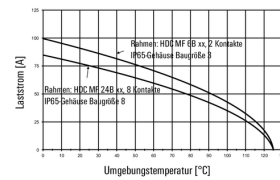
Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

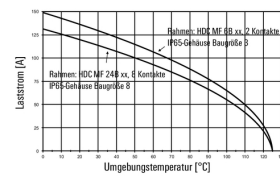
Drawings



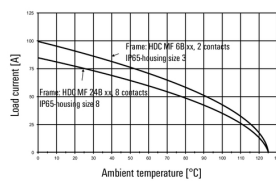
**HDC-MHP100-Module im IP65-Gehäuse,
 Leiter H07V-K10:**



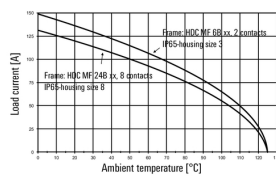
**HDC-MHP100-Module im IP65-Gehäuse,
 Leiter H07V-K35:**



**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 & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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 16	Version
Order No.	1435810000	Female, silver, 16 mm ²
GTIN (EAN)	4050118240757	
Qty.	10 pc(s).	
Type	HDC MHP100 F 25	Version
Order No.	1435820000	Female, silver, 25 mm ²
GTIN (EAN)	4050118240801	
Qty.	10 pc(s).	
Type	HDC MHP100 F 10	Version
Order No.	1435790000	Female, silver, 10 mm ²
GTIN (EAN)	4050118240580	
Qty.	10 pc(s).	
Type	HDC MHP100 F 35	Version
Order No.	1435830000	Female, silver, 35 mm ²
GTIN (EAN)	4050118240696	
Qty.	10 pc(s).	

Contact removal tools

Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

General ordering data

Type	HDC MHP100 REMOVAL TOOL	Version
Order No.	1480380000	ModuPlug, Contact Removal Tool
GTIN (EAN)	4050118288933	
Qty.	1 pc(s).	