

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).

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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
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Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3	SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd
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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
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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	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Creation date September 16, 2022 5:14:52 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

2

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Technical data**Downloads**

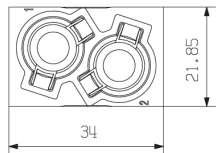
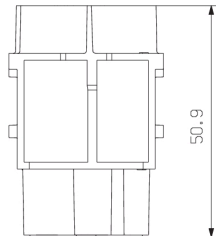
Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

HDC MHP 100 FC

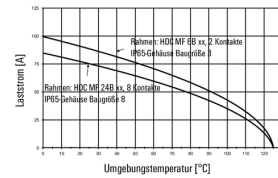
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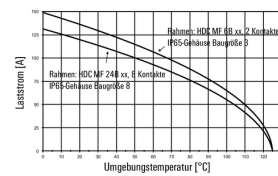
Drawings



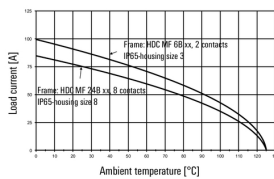
**HDC-MHP100-Module im IP65-Gehäuse,
 Leiter H07V-K10:**



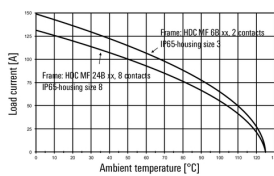
**HDC-MHP100-Module im IP65-Gehäuse,
 Leiter H07V-K35:**



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



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



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