

**ModuPlug  
HDC MHP 100 FC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**

Type	HDC MHP 100 FC
Order No.	<a href="#">1429080000</a>
Version	Module
GTIN (EAN)	4050118233513
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Net weight 14.4 g

**Temperatures**

Limit temperature -40 °C ... 125 °C

**General data**

Insulation resistance	10 <sup>12</sup> Ω	Material	Polycarbonate, glass fibre reinforced
No. 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 <sup>2</sup>	Conductor cross-section, min.	10 mm <sup>2</sup>
Type of connection	Crimp connection		

**Classifications**

ETIM 6.0	EC002312	eClass 6.2	27-14-34-19
eClass 9.1	27-44-02-18		

**Approvals**

Approvals

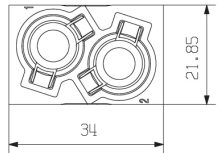
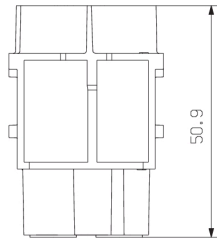

**Downloads**

Brochure/Catalogue	<a href="#">CAT 3 HDC 17/18 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN</a>

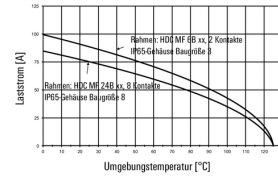
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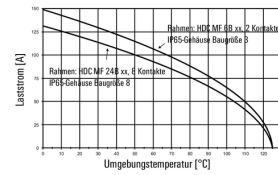
**Drawings**



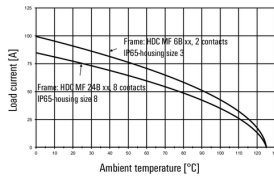
**HDC-MHP100-Module im IP65-Gehäuse,  
Leiter H07V-K10:**



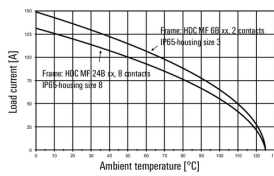
**HDC-MHP100-Module im IP65-Gehäuse,  
Leiter H07V-K35:**



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



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



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**Accessories**

**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	Order No.	Version	GTIN (EAN)	Qty.
HDC MHP REMOVAL TOOL	<a href="#">1480380000</a>	Contact removal tool	4050118288933	1 pc(s).

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