

**ModuPlug  
HDC MHE 8 FC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
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 MHE 8 FC
Order No.	<a href="#">1428890000</a>
Version	Module
GTIN (EAN)	4050118233254
Qty.	1 pc(s).

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

Width	14.5 mm	Width (inches)	0.571 inch
Height	41.6 mm	Height (inches)	1.638 inch
Depth	34 mm	Depth (inches)	1.339 inch
Net weight	11.715 g		

**Temperatures**

Limit temperature	-40 °C ... 125 °C
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**Environmental Product Compliance**

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
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**General data**

Insulation strength	$10^{12} \Omega$	Material	Polycarbonate, glass fibre reinforced
Number of poles	8	Plugging cycles	$\geq 500$
Pollution severity	3	Rated current (DIN EN 61984)	16 A
Rated impulse voltage (DIN EN 61984)	6 kV	Rated voltage (DIN EN 61984)	400 V
Rated voltage according to UL/CSA	600 V	Required plug-in slots	1
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.	4 mm <sup>2</sup>	Conductor cross-section, min.	0.5 mm <sup>2</sup>
Stripping length, rated connection	7.5 mm	Type of connection	Crimp connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 20

**Classifications**

ETIM 6.0	EC002312	ETIM 7.0	EC002312
eClass 9.0	27-44-02-92	eClass 9.1	27-44-02-18
eClass 10.0	27-44-02-92		

**Approvals**

Approvals



ROHS Conform

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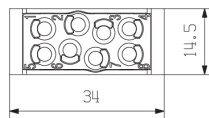
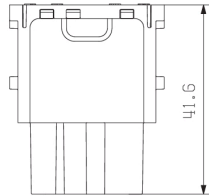
**Technical data****Downloads**

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

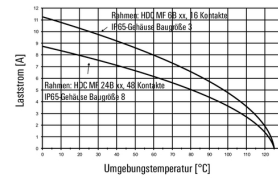
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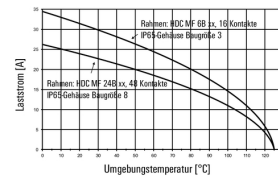
## Drawings



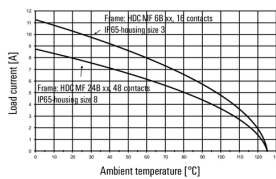
**HDC-MHE 8-Module im IP65-Gehäuse,  
Leiter H05V-K0.5:**



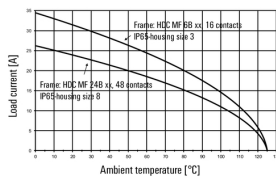
**HDC-MHE 8-Module im IP65-Gehäuse,  
Leiter H07V-K4.0:**



**HDC-MHE 8-modules in the IP65-housing,  
Conductor H05V-K0.5:**



**HDC-MHE 8-modules in the IP65-housing,  
Conductor H07V-K4.0:**



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**Accessories****Crimp contacts HE**

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-C-HE-BM4.0AU	Version
Order No.	<a href="#">1651510000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400187	Female, Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM0.5AG	Version
Order No.	<a href="#">1201100000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190142698	Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM0.75-1.00AU	Version
Order No.	<a href="#">1651480000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400156	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM0.75-1.00AG	Version
Order No.	<a href="#">1201200000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190044480	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM2.5AU	Version
Order No.	<a href="#">1651500000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400170	Female, Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM1.5AU	Version
Order No.	<a href="#">1651490000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400163	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM4.65AU	Version
Order No.	<a href="#">1116530000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4032248897254	Female, Conductor cross-section, max.: 4.65, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM1.5AG	Version
Order No.	<a href="#">1201300000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190100346	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM4.0AG	Version
Order No.	<a href="#">1201500000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190148096	Female, Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HE-BM2.5AG	Version
Order No.	<a href="#">1201400000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190047078	Female, Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 pc(s).	

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Type	HDC-C-HE-BM0.5AU	Version
Order No.	<a href="#">1651470000</a>	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400149	Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 pc(s).	