

**HDC MHE 20 FC**

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

[www.weidmueller.com](http://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	Signal module, 500 V, 16 A, Number of poles: 20, Crimp connection, Female, Required plug-in slots: 2
Order No.	<a href="#">1428930000</a>
Type	HDC MHE 20 FC
GTIN (EAN)	4050118233261
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	42.3 mm	Height (inches)	1.6654 inch
Width	29.2 mm	Width (inches)	1.1496 inch
Net weight	23.39 g		

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd

## General data

Number of poles	20	UL 94 flammability rating	V-0
Insulation resistance	1012 Ω	Plugging cycles	≥ 500
Type	Female	Surge voltage category	III
Pollution severity	3	Basic material	Polycarbonate, glass fibre reinforced
Series	ModuPlug	Rated voltage (DIN EN 61984)	500 V
Rated voltage according to UL/CSA	600 V	Rated impulse voltage (DIN EN 61984)	6 kV
Rated current (DIN EN 61984)	16 A	Required plug-in slots	2

## PE connection data

Connection type PE	Screw connection via module frame
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## Version

Wire connection cross section AWG, max.	AWG 12	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Wire connection cross section AWG, min.	AWG 20
Conductor cross-section, max.	4 mm <sup>2</sup>	Conductor cross-section, min.	0.5 mm <sup>2</sup>

## Classifications

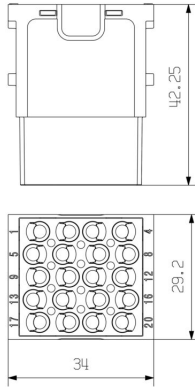
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		

HDC MHE 20 FC

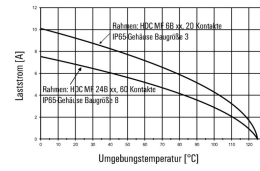
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Drawings

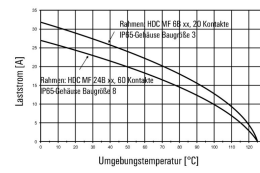
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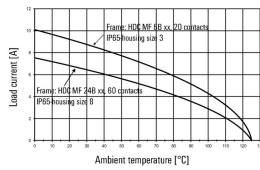
HDC-MHE 20-Module im IP65-Gehäuse,  
 Leiter H05V-K0,5:



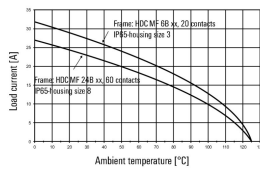
HDC-MHE 20-Module im IP65-Gehäuse,  
 Leiter H07V-K4,0:



HDC-MHE 20-modules in the IP65-housing,  
 Conductor H05V-K0,5:



HDC-MHE 20-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-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 ST	
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 ST	
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 ST	
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 ST	
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 ST	
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 ST	
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 ST	
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 ST	
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 ST	
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 ST	

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## Accessories

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 ST		

## Standard



## General ordering data

Type	HDC MF 6B AB	Version	
Order No.	<a href="#">1428920000</a>	Frame	
GTIN (EAN)	4050118233414		
Qty.	1 ST		
Type	HDC MF 6B BA	Version	
Order No.	<a href="#">1428940000</a>	Frame	
GTIN (EAN)	4050118233353		
Qty.	1 ST		
Type	HDC MF 10B AC	Version	
Order No.	<a href="#">1428960000</a>	Frame	
GTIN (EAN)	4050118233223		
Qty.	1 ST		
Type	HDC MF 10B CA	Version	
Order No.	<a href="#">1428980000</a>	Frame	
GTIN (EAN)	4050118233278		
Qty.	1 ST		
Type	HDC MF 16B AD	Version	
Order No.	<a href="#">1429010000</a>	Frame	
GTIN (EAN)	4050118233315		
Qty.	1 ST		
Type	HDC MF 16B DA	Version	
Order No.	<a href="#">1429030000</a>	Frame	
GTIN (EAN)	4050118233407		
Qty.	1 ST		
Type	HDC MF 24B AF	Version	
Order No.	<a href="#">1429050000</a>	Frame	
GTIN (EAN)	4050118233285		
Qty.	1 ST		
Type	HDC MF 24B FA	Version	
Order No.	<a href="#">1429070000</a>	Frame	
GTIN (EAN)	4050118233520		
Qty.	1 ST		

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## Counterpart

### Electrical modules



#### 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 20 MC	Version	
Order No.	<a href="#">1428910000</a>	Signal module, 500 V, 16 A, Number of poles: 20, Crimp connection,	
GTIN (EAN)	4050118233322	Male, Required plug-in slots: 2	
Qty.	1 ST		