

HDC MHE 20 MC

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	Signal module, 500 V, 16 A, Number of poles: 20, Crimp connection, Male, Required plug-in slots: 2
Order No.	1428910000
Type	HDC MHE 20 MC
GTIN (EAN)	4050118233322
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	39.4 mm	Height (inches)	1.5512 inch
Width	29.2 mm	Width (inches)	1.1496 inch
Net weight	19.3 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	Male	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 ²	Conductor cross-section, min.	0.5 mm ²

Classifications

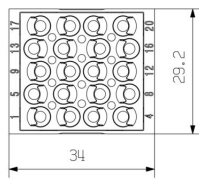
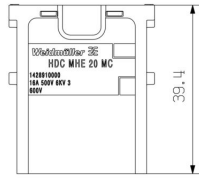
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		

HDC MHE 20 MC

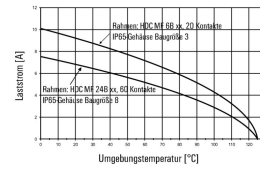
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Drawings

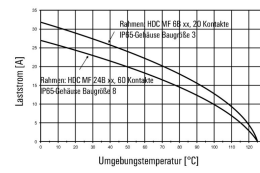
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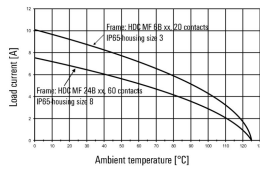
HDC-MHE 20-Module im IP65-Gehäuse,
 Leiter H05V-K0,5:



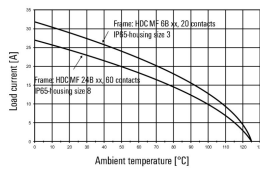
HDC-MHE 20-Module im IP65-Gehäuse,
 Leiter H07V-K4,0:



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

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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-SM0.5AG	Version
Order No.	1200500000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190159627	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM0.5AU	Version
Order No.	1651420000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400095	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM0.75-1.00AG	Version
Order No.	1200600000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190171308	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM0.75-1.00AU	Version
Order No.	1651430000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400101	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM1.5AG	Version
Order No.	1200700000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190074920	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM1.5AU	Version
Order No.	1651440000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400118	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM2.5AG	Version
Order No.	1200800000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190131913	Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM2.5AU	Version
Order No.	1651450000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400125	Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM4.0AG	Version
Order No.	1200900000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190115906	Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM4.0AU	Version
Order No.	1651460000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400132	Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	100 ST	

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Type	HDC-C-HE-SM4.65AU	Version	
Order No.	1116540000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,	
GTIN (EAN)	4032248897261	Conductor cross-section, max.: 4.65, turned, Copper alloy	
Qty.	100 ST		

Standard



General ordering data

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

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Counterpart

Electrical modules



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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 FC	Version	
Order No.	1428930000	Signal module, 500 V, 16 A, Number of poles: 20, Crimp connection,	
GTIN (EAN)	4050118233261	Female, Required plug-in slots: 2	
Qty.	1 ST		