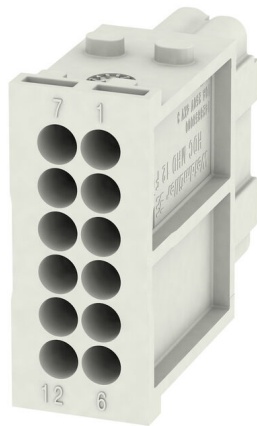


HDC MHD 12 FC**Weidmüller Interface GmbH & Co. KG**

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	Signal module, 250 V, 10 A, Number of poles: 12, Crimp connection, Female, Required plug-in slots: 1
Order No.	1428850000
Type	HDC MHD 12 FC
GTIN (EAN)	4050118233087
Qty.	1 items

HDC MHD 12 FC

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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	38.9 mm	Height (inches)	1.5315 inch
Width	14.5 mm	Width (inches)	0.5709 inch
Net weight	10.27 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	12	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)	250 V
Rated voltage according to UL/CSA	600 V	Rated impulse voltage (DIN EN 61984)	4 kV
Rated current (DIN EN 61984)	10 A	Required plug-in slots	1

PE connection data

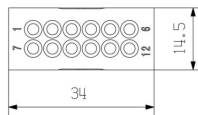
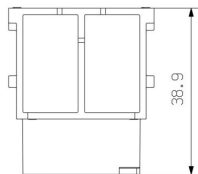
Connection type PE	Screw connection via module frame
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Version

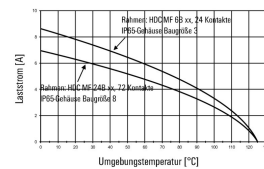
Wire connection cross section AWG, max.	AWG 14	Stripping length, rated connection	8 mm
Type of connection	Crimp connection	Wire connection cross section AWG, min.	AWG 26
Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	0.14 mm ²

Classifications

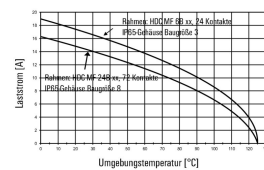
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		



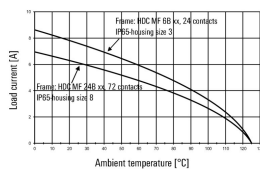
**HDC-MHD 12-Module im IP65-Gehäuse,
Leiter H05V-K0,5:**



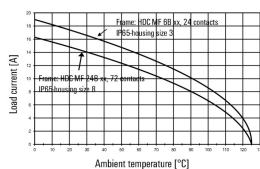
**HDC-MHD 12-Module im IP65-Gehäuse,
Leiter H07V-K2,5:**



**HDC-MHD 12-modules in the IP65-housing,
Conductor H05V-K0,5:**



**HDC-MHD 12-modules in the IP65-housing,
Conductor H07V-K2,5:**



HDC MHD 12 FC

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Accessories

Crimp contacts HD



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-HD-BM0.14-0.37AG	Version
Order No.	1651570000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400248	Female, Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM0.14-0.37AU	Version
Order No.	1651670000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400347	Female, Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM0.5AG	Version
Order No.	1651580000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400255	Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM0.5AU	Version
Order No.	1651680000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400354	Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM0.75-1.00AG	Version
Order No.	1601760000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190158354	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM0.75-1.00AU	Version
Order No.	1651690000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400361	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM1.5AG	Version
Order No.	1651600000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400279	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM1.5AU	Version
Order No.	1651700000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400378	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM2.5AG	Version
Order No.	1651610000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400286	Female, Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM2.5AU	Version
Order No.	1651710000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400385	Female, Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	

HDC MHD 12 FC

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Accessories

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 MHD 42 FC	Version
Order No.	3011310000	Module, 150 V, 10 A, Number of poles: 42, Crimp connection,
GTIN (EAN)	4099986916890	Female, Required plug-in slots: 2
Qty.	1 ST	
Type	HDC MMBIT 8 MC M	Version
Order No.	3092870000	Data module, 48 V, 10 A, Cat. 5e, Number of poles: 8, Crimp
GTIN (EAN)	4099987109918	connection, Male, Required plug-in slots: 1
Qty.	1 ST	
Type	HDC MMBIT 8 MC M SH	Version
Order No.	3092990000	Data module, 48 V, 10 A, Cat. 5e, Number of poles: 8, Crimp
GTIN (EAN)	4099987109949	connection, Male, Required plug-in slots: 1
Qty.	1 ST	
Type	HDC MMBIT 8 MC M2	Version
Order No.	3092880000	Data module, 48 V, 10 A, Cat. 5e, Number of poles: 8, Crimp
GTIN (EAN)	4099987109925	connection, Male, Required plug-in slots: 1
Qty.	1 ST	
Type	HDC MMBIT 8 MC M2 SH	Version
Order No.	3092890000	Data module, 48 V, 10 A, Cat. 5e, Number of poles: 8, Crimp
GTIN (EAN)	4099987109932	connection, Male, Required plug-in slots: 1
Qty.	1 ST	

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www.weidmueller.com**Counterpart****Electrical modules****Flexible**

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General ordering data

Type	HDC MHD 12 MC	Version
Order No.	1428840000	Signal module, 250 V, 10 A, Number of poles: 12, Crimp connection,
GTIN (EAN)	4050118232998	Male, Required plug-in slots: 1
Qty.	1 ST	
Type	HDC MHD 12 MP	Version
Order No.	2748460000	Signal module, 250 V, 10 A, Number of poles: 12, PUSH IN with
GTIN (EAN)	4050118890938	actuator, Male, Required plug-in slots: 1
Qty.	1 ST	