Weidmüller ⧓

HDC MHX 3/4 FC

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	Power module
Order No.	2748370000
Type	HDC MHX 3/4 FC
GTIN (EAN)	4050118891010
Qty.	5 pc(s).

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HDC MHX 3/4 FC

Technical data

Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	39.1 mm	Height (inches)	1.539 inch
Width	34.2 mm	Width (inches)	1.346 inch
Net weight	9.2 g		

Temperatures

Limit temperature	-40 °C … 125 °C

General data

Material	Polycarbonate	Number of poles	7
Plugging cycles	≥ 500	Pollution severity	3
Rated voltage according to UL/CSA	600 V	Required plug-in slots	1
Series	ModuPlug	Type	Female
UL 94 flammability rating	V-0		

PE connection data

Connection type PE	Screw connection via module frame

Version

Type of connection	Crimp connection

Power contact

Clamping range, power contact, max.	6 mm²	Clamping range, power contact, min.	1.5 mm²
Number of poles, performance contact	3	Rated current (DIN EN 61984), power contact	40 A
Rated impulse voltage (DIN EN 61984), power contact	8 kV	Rated voltage (DIN EN 61984), power contact	500 V
Stripping length, performance contact	9 mm	Type of connection, power contact	Crimp connection

Signal contact

Clamping range, signal contact, max.	2.5 mm²	Clamping range, signal contact, min.	0.14 mm²
Number of poles, signal	4	Rated current (DIN EN 61984), signal	10 A
Rated impulse voltage (DIN EN 61984), signal	8 kV	Rated voltage (DIN EN 61984), signal contact	500 V
Stripping length, signal	8 mm	Type of connection, signal	Crimp connection

Classifications

ETIM 6.0	EC002312	ETIM 7.0	EC002312
ETIM 8.0	EC002312	ETIM 9.0	EC002312
ECLASS 9.0	27-44-02-92	ECLASS 9.1	27-44-02-18
ECLASS 10.0	27-44-02-92	ECLASS 11.0	27-44-02-92
ECLASS 12.0	27-44-02-92	ECLASS 13.0	27440292

Approvals

ROHS	Conform

Weidmüller ⧉

HDC MHX 3/4 FC

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

www.weidmueller.com

Technical data

Downloads

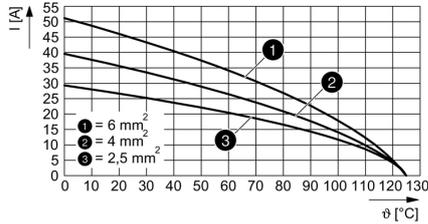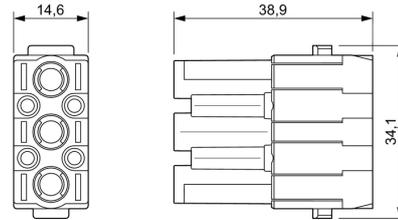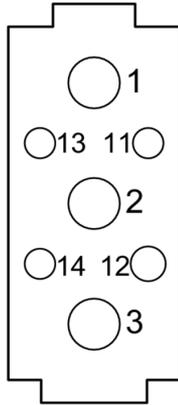|	
Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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HDC MHX 3/4 FC

Drawings

HDC MHX 3/4 FC

Accessories

With short guiding pin

General ordering data

Type	HDC MFGS 16B AD	Version	
Order No.	2736930000	Frame	
GTIN (EAN)	4050118822298		
Qty.	1 pc(s).		
Type	HDC MFGS 16B DA	Version	
Order No.	2736940000	Frame	
GTIN (EAN)	4050118823004		
Qty.	1 pc(s).		

Standard

General ordering data

Type	HDC MF 24B FA	Version	
Order No.	1429070000	Frame	
GTIN (EAN)	4050118233520		
Qty.	1 pc(s).		
Type	HDC MF 24B AF	Version	
Order No.	1429050000	Frame	
GTIN (EAN)	4050118233285		
Qty.	1 pc(s).		

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Accessories

With long guiding pin

General ordering data

Type	HDC MFGL 24B AF	Version	
Order No.	2737030000	Frame	
GTIN (EAN)	4050118823080		
Qty.	1 pc(s).		
Type	HDC MFGL 24B FA	Version	
Order No.	2737040000	Frame	
GTIN (EAN)	4050118823097		
Qty.	1 pc(s).		

With long guiding pin

General ordering data

Type	HDC MFGL 16B AD	Version	
Order No.	2737010000	Frame	
GTIN (EAN)	4050118823066		
Qty.	1 pc(s).		
Type	HDC MFGL 16B DA	Version	
Order No.	2737020000	Frame	
GTIN (EAN)	4050118823073		
Qty.	1 pc(s).		

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Accessories

Standard

General ordering data

Type	HDC MF 10B AC	Version	
Order No.	1428960000	Frame	
GTIN (EAN)	4050118233223		
Qty.	1 pc(s).		
Type	HDC MF 10B CA	Version	
Order No.	1428980000	Frame	
GTIN (EAN)	4050118233278		
Qty.	1 pc(s).		

With long guiding pin

General ordering data

Type	HDC MFGL 6B AB	Version	
Order No.	2736970000	Frame	
GTIN (EAN)	4050118823035		
Qty.	1 pc(s).		
Type	HDC MFGL 6B BA	Version	
Order No.	2736980000	Frame	
GTIN (EAN)	4050118822908		
Qty.	1 pc(s).		

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HDC MHX 3/4 FC

Accessories

Crimp contacts HX

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 HX BM1.5AG	Version
Order No.	1002950000	Heavy-duty connectors, Crimp contact, MixMate, Female, Conductor
GTIN (EAN)	4032248697236	cross-section, max.: 1.5, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX BM4.0AG	Version
Order No.	1002970000	Heavy-duty connectors, Crimp contact, HQ, MixMate, Female,
GTIN (EAN)	4032248697250	Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX BM6.0AG	Version
Order No.	1002980000	Heavy-duty connectors, Crimp contact, MixMate, Female, Conductor
GTIN (EAN)	4032248697267	cross-section, max.: 6, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX BM2.5AG	Version
Order No.	1002960000	Heavy-duty connectors, Crimp contact, MixMate, Female, Conductor
GTIN (EAN)	4032248697243	cross-section, max.: 2.5, turned, Copper alloy
Qty.	25 pc(s).	

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-BM0.5AG	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 pc(s).	
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 pc(s).	

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Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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Accessories

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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	

With short guiding pin

General ordering data

Type	HDC MFGS 6B BA	Version
Order No.	2736900000	Frame
GTIN (EAN)	4050118822267	
Qty.	1 pc(s).	

HDC MHX 3/4 FC

Accessories

Type	HDC MFGS 6B AB	Version	
Order No.	2736890000	Frame	
GTIN (EAN)	4050118822250		
Qty.	1 pc(s).		

With short guiding pin

General ordering data

Type	HDC MFGS 10B CA	Version	
Order No.	2736920000	Frame	
GTIN (EAN)	4050118822281		
Qty.	1 pc(s).		
Type	HDC MFGS 10B AC	Version	
Order No.	2736910000	Frame	
GTIN (EAN)	4050118822274		
Qty.	1 pc(s).		

With short guiding pin

General ordering data

Type	HDC MFGS 24B FA	Version	
Order No.	2736960000	Frame	
GTIN (EAN)	4050118823028		
Qty.	1 pc(s).		
Type	HDC MFGS 24B AF	Version	
Order No.	2736950000	Frame	
GTIN (EAN)	4050118823011		
Qty.	1 pc(s).		

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HDC MHX 3/4 FC

Accessories

Standard

General ordering data

Type	HDC MF 16B DA	Version	
Order No.	1429030000	Frame	
GTIN (EAN)	4050118233407		
Qty.	1 pc(s).		
Type	HDC MF 16B AD	Version	
Order No.	1429010000	Frame	
GTIN (EAN)	4050118233315		
Qty.	1 pc(s).		

Standard

General ordering data

Type	HDC MF 6B BA	Version	
Order No.	1428940000	Frame	
GTIN (EAN)	4050118233353		
Qty.	1 pc(s).		
Type	HDC MF 6B AB	Version	
Order No.	1428920000	Frame	
GTIN (EAN)	4050118233414		
Qty.	1 pc(s).		

HDC MHX 3/4 FC

Accessories

With long guiding pin

General ordering data

Type	HDC MFGL 10B AC	Version	
Order No.	2736990000	Frame	
GTIN (EAN)	4050118823042		
Qty.	1 pc(s).		
Type	HDC MFGL 10B CA	Version	
Order No.	2737000000	Frame	
GTIN (EAN)	4050118823059		
Qty.	1 pc(s).		

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