

HDC MHP 1 76 MP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****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	Module, 1000 V, 76 A, Number of poles: 1, PUSH IN, Male, Required plug-in slots: 1
Order No.	3193690000
Type	HDC MHP 1 76 MP
GTIN (EAN)	4099987981057
Qty.	1 items

HDC MHP 1 76 MP

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	54.5 mm	Height (inches)	2.1457 inch
Width	34 mm	Width (inches)	1.3386 inch
Length	54.5 mm	Length (inches)	2.1457 inch
Net weight	19 g		

Temperatures

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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

General data

Number of poles	1	UL 94 flammability rating	V-0
Insulation resistance	10 ¹² 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)	1000 V
Rated impulse voltage (DIN EN 61984)	8 kV	Rated current (DIN EN 61984)	76 A
Required plug-in slots	1		

PE connection data

Connection type PE	PUSH IN connection
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Version

Wire connection cross section AWG, max.	AWG 14	Stripping length, rated connection	20 mm
Type of connection	PUSH IN	Wire connection cross section AWG, min.	AWG 6
Conductor cross-section, max.	16 mm ²	Conductor cross-section, min.	2.5 mm ²

Power contact

Tightening torque, max. according to the conductor cross-section	Conductor cross-section, min.	2.5 mm ²
	Conductor cross-section, max.	16 mm ²
Stripping length according to the cable diameter	Cable diameter, min.	9.5 mm
	Cable diameter, max.	9.5 mm
	Cable diameter, min.	9.5 mm
	Cable diameter, max.	9.5 mm
	Stripping length	20.00 mm

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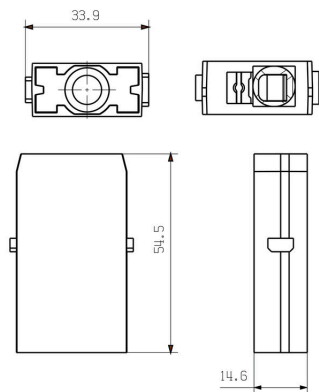
Technical data

Classifications

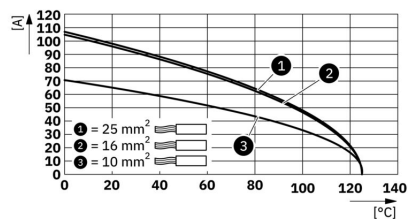
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		

Drawings

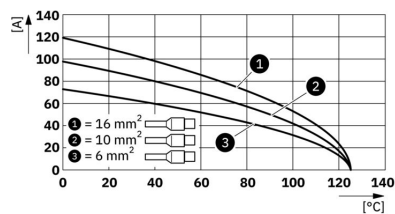
Drawing



Derating curve



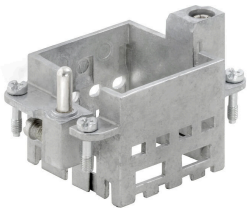
Derating curve



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Accessories
Standard

Simple

The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

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	

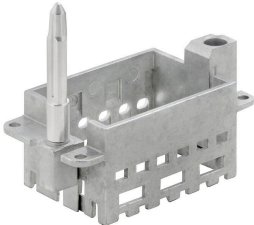
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Accessories

With long guiding pin



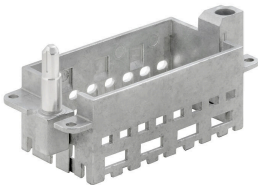
Simple

The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

General ordering data

Type	HDC MFGL 10B AC	Version
Order No.	2736990000	Frame
GTIN (EAN)	4050118823042	
Qty.	1 ST	
Type	HDC MFGL 6B AB	Version
Order No.	2736970000	Frame
GTIN (EAN)	4050118823035	
Qty.	1 ST	
Type	HDC MFGL 24B FA	Version
Order No.	2737040000	Frame
GTIN (EAN)	4050118823097	
Qty.	1 ST	

With short guiding pin



Simple

The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

General ordering data

Type	HDC MFGL 16B DA	Version
Order No.	2736940000	Frame
GTIN (EAN)	4050118823004	
Qty.	1 ST	
Type	HDC MFGL 24B AF	Version
Order No.	2736950000	Frame
GTIN (EAN)	4050118823011	
Qty.	1 ST	

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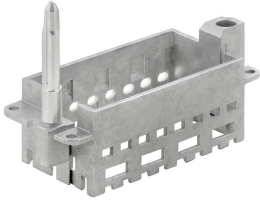
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Accessories

With long guiding pin



Simple

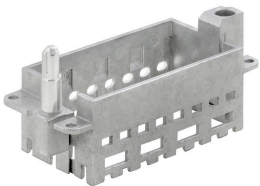
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

General ordering data

Type	HDC MFGL 16B DA
Order No.	2737020000
GTIN (EAN)	4050118823073
Qty.	1 ST

Version	
Frame	

With short guiding pin



Simple

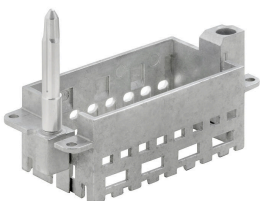
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

General ordering data

Type	HDC MFGL 16B AD
Order No.	2736930000
GTIN (EAN)	4050118822298
Qty.	1 ST

Version	
Frame	

With long guiding pin



Simple

The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

General ordering data

Type	HDC MFGL 16B AD
Order No.	2737010000
GTIN (EAN)	4050118823066
Qty.	1 ST

Version	
Frame	

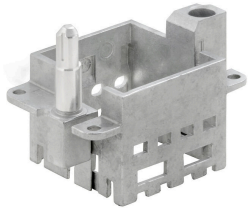
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Accessories

With short guiding pin



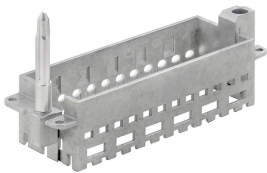
Simple

The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

General ordering data

Type	HDC MFGS 6B AB	Version
Order No.	2736890000	Frame
GTIN (EAN)	4050118822250	
Qty.	1 ST	
Type	HDC MFGS 24B FA	Version
Order No.	2736960000	Frame
GTIN (EAN)	4050118823028	
Qty.	1 ST	
Type	HDC MFGS 10B AC	Version
Order No.	2736910000	Frame
GTIN (EAN)	4050118822274	
Qty.	1 ST	

With long guiding pin



Simple

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General ordering data

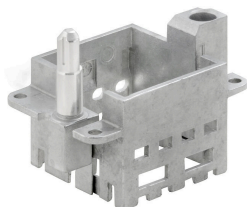
Type	HDC MFGL 24B AF	Version
Order No.	2737030000	Frame
GTIN (EAN)	4050118823080	
Qty.	1 ST	
Type	HDC MFGL 10B CA	Version
Order No.	2737000000	Frame
GTIN (EAN)	4050118823059	
Qty.	1 ST	

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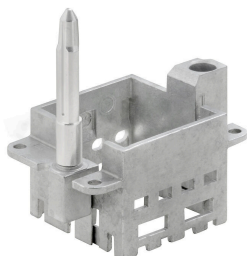
Germany

www.weidmueller.com**Accessories****With short guiding pin****Simple**

The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

General ordering data

Type	HDC MFGS 6B BA	Version	
Order No.	2736900000	Frame	
GTIN (EAN)	4050118822267		
Qty.	1 ST		
Type	HDC MFGS 10B CA	Version	
Order No.	2736920000	Frame	
GTIN (EAN)	4050118822281		
Qty.	1 ST		

With long guiding pin**Simple**

The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

General ordering data

Type	HDC MFGL 6B BA	Version	
Order No.	2736980000	Frame	
GTIN (EAN)	4050118822908		
Qty.	1 ST		