Data sheet

HDC MHP 70 MAS

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	Power module, 1000 V, 70 A, Number of poles: 2, Axial screw connection, Male, Required plug-in slots: 1
Order No.	2748300000
Type	HDC MHP 70 MAS
GTIN (EAN)	4050118891119
Qty.	2 items

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Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E92202
Certificate No. (cURus)	E310075

Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	34.2 mm	Width (inches)	1.3465 inch
Net weight	8.5 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	fa505316-3e43-4ad0-930c-360dfdbe182a

General data

Number of poles	2	UL 94 flammability rating	V-0
Insulating material	Polycarbonate	Plugging cycles	≥ 500
Type	Male	Surge voltage category	III
Pollution severity	3	Basic material	Polycarbonate
Series	ModuPlug	Rated voltage (DIN EN 61984)	1000 V
Rated voltage according to UL/CSA	600 V	Rated impulse voltage (DIN EN 61984)	8 kV
Rated current (DIN EN 61984)	70 A	Required plug-in slots	1

PE connection data

Connection type PE	Screw connection via module frame

Version

Type of connection	Axial screw connection	Conductor cross-section, max.	25 mm²
Conductor cross-section, min.	4 mm²		

Power contact

Clamping range, power contact, max.	25 mm²	
Clamping range, power contact, min.	4 mm²	
Tightening torque, max. according to the conductor cross-section	Conductor cross-section, min.	4 mm²
	Conductor cross-section, max.	6 mm²
	Tightening torque, max.	2 Nm
	Conductor cross-section, min.	10 mm²

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Technical data

	Conductor cross-section, max.	25 mm²
	Tightening torque, max.	3 Nm
Stripping length according to the cable diameter	Cable diameter, max.	7 mm
	Stripping length	11.00 mm
	Cable diameter, max.	10.5 mm
	Stripping length	15.00 mm

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		

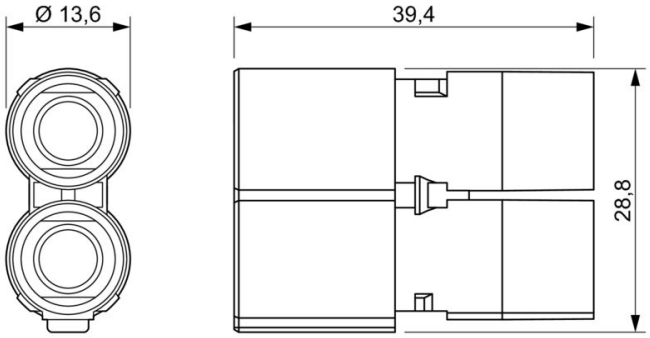
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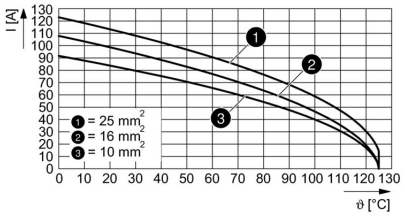
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Drawings





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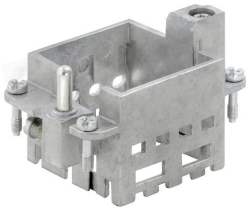
HDC MHP 70 MAS

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Accessories

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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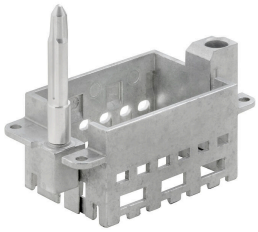
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Accessories

With long guiding pin



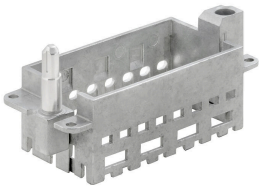
General ordering data

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



General ordering data

Type	HDC MFGS 16B DA	Version
Order No.	2736940000	Frame
GTIN (EAN)	4050118823004	
Qty.	1 ST	

Type	HDC MFGS 24B AF	Version
Order No.	2736950000	Frame
GTIN (EAN)	4050118823011	
Qty.	1 ST	

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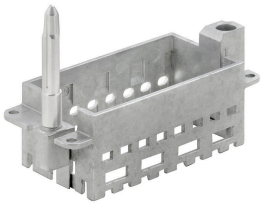
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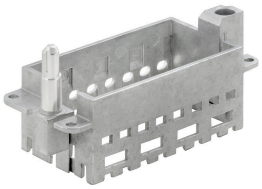
With long guiding pin



General ordering data

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

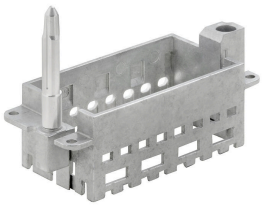
With short guiding pin



General ordering data

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

With long guiding pin



General ordering data

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

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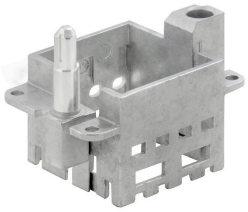
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Accessories

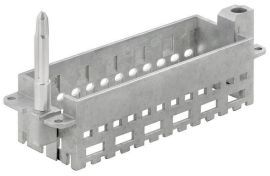
With short guiding pin



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



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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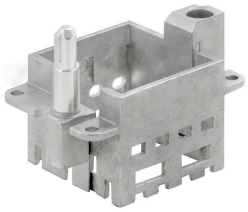
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Accessories

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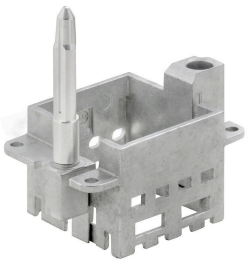


General ordering data

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



General ordering data

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

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HDC MHP 70 MAS

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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 MHP 70 FAS	Version
Order No.	2748310000	Power module, 1000 V, 70 A, Number of poles: 2, Axial screw
GTIN (EAN)	4050118890884	connection, Female, Required plug-in slots: 1
Qty.	2 ST	
Type	HDC MHP 70 FC	Version
Order No.	2668180000	Power module, 1000 V, 70 A, Number of poles: 2, Crimp connection,
GTIN (EAN)	4050118765892	Female, Required plug-in slots: 1
Qty.	1 ST	

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