

HDC MGBIT 8 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	Data module, 50 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Male, Required plug-in slots: 1
Order No.	2748520000
Type	HDC MGBIT 8 MC
GTIN (EAN)	4050118890761
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E92202

Dimensions and weights

Depth	13.9 mm	Depth (inches)	0.5472 inch
Height	41.4 mm	Height (inches)	1.6299 inch
Width	26.35 mm	Width (inches)	1.0374 inch
Net weight	30.4 g		

Temperatures

Limit temperature -40 °C ... 85 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

General data

Number of poles	8	UL 94 flammability rating	V-0
Insulating material	PC	Category	Cat. 6A
Plugging cycles	≥ 500	Type	Male
Pollution severity	3	Basic material	Polycarbonate
Series	ModuPlug	Rated voltage (DIN EN 61984)	50 V
Rated voltage according to UL/CSA	50 V	Rated impulse voltage (DIN EN 61984)	0.8 kV
Rated current (DIN EN 61984)	5 A	Required plug-in slots	1

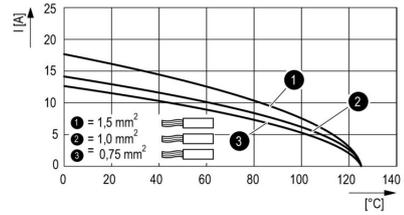
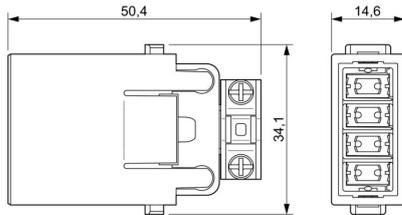
Version

Wire connection cross section AWG, max.	AWG 20	Stripping length, rated connection	4.2 mm
Type of connection	Crimp connection	Wire connection cross section AWG, min.	AWG 28
Conductor cross-section, max.	0.5 mm ²	Conductor cross-section, min.	0.08 mm ²

Classifications

ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-18
ECLASS 15.0	27-44-02-18		

Drawings



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Accessories

D-SUB crimp contacts



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 HS SM0.08-0.12 AU	Version	
Order No.	2748710000	Male, gold, 0.08 - 0.12 mm ²	
GTIN (EAN)	4050118890556		
Qty.	100 ST		
Type	HDC C HS SM0.2-0.5 AU	Version	
Order No.	2748700000	Male, gold, 0.2 - 0.5 mm ²	
GTIN (EAN)	4050118890709		
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		

HDC MGBIT 8 MC

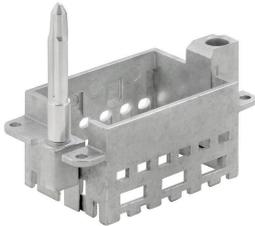
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Accessories

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	

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	

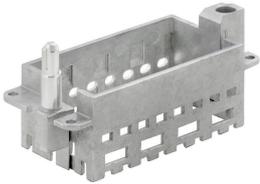
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Accessories

With short guiding pin

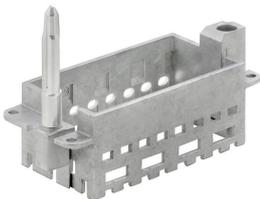


General ordering data

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		

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



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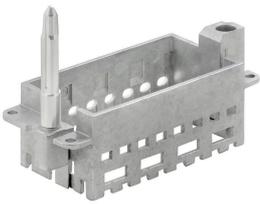
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Accessories

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		

With short guiding pin



General ordering data

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

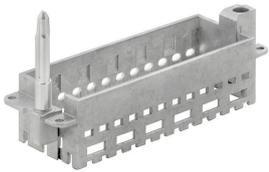
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Accessories

With long guiding pin



General ordering data

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

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

With short guiding pin



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		

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Accessories

With long guiding pin



General ordering data

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

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 MGBIT 8 FC M SH	Version	
Order No.	3092810000	Data module, 48 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Female, Required plug-in slots: 1	
GTIN (EAN)	4099987109796		
Qty.	1 ST		
Type	HDC MGBIT 8 FC	Version	
Order No.	2748530000	Data module, 50 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Female, Required plug-in slots: 1	
GTIN (EAN)	4050118890839		
Qty.	1 ST		
Type	HDC MGBIT 8 MC M SH	Version	
Order No.	3092820000	Data module, 48 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Male, Required plug-in slots: 1	
GTIN (EAN)	4099987109857		
Qty.	1 ST		
Type	HDC MGBIT 8 MC	Version	
Order No.	2748520000	Data module, 50 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Male, Required plug-in slots: 1	
GTIN (EAN)	4050118890761		
Qty.	1 ST		

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Counterpart

Electrical modules



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General ordering data

Type	HDC MGBIT 8 FC	Version	
Order No.	2748530000		
GTIN (EAN)	4050118890839		
Qty.	1 ST		
			Data module, 50 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Female, Required plug-in slots: 1