

HDC MGBIT 8 FC M SH

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, 48 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Female, Required plug-in slots: 1
Order No.	3092810000
Type	HDC MGBIT 8 FC M SH
GTIN (EAN)	4099987109796
Qty.	1 items

HDC MGBIT 8 FC M SH

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

www.weidmueller.com

Technical data

Approvals

ROHS	Conform
------	---------

Dimensions and weights

Height	40.3 mm	Height (inches)	1.5866 inch
Width	26.35 mm	Width (inches)	1.0374 inch
Length	13.9 mm	Length (inches)	0.5472 inch
Net weight	30.4 g		

Temperatures

Limit temperature	-40 °C ... 125 °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
Category	Cat. 6A	Plugging cycles	≥ 500
Type	Female	Surge voltage category	III
Pollution severity	3	Basic material	Polycarbonate
Series	ModuPlug	Rated voltage (DIN EN 61984)	48 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 28	Type of connection	Crimp connection
Wire connection cross section AWG, min.	AWG 20	Conductor cross-section, max.	0.5 mm ²
Conductor cross-section, min.	0.08 mm ²		

Power contact

Tightening torque, max. according to the conductor cross-section	Conductor cross-section, min.	0.08 mm ²
	Conductor cross-section, max.	0.5 mm ²

Signal contact

Stripping length, signal	4.2 mm
--------------------------	--------

Classifications

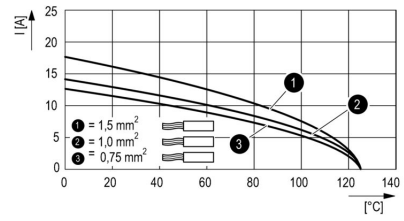
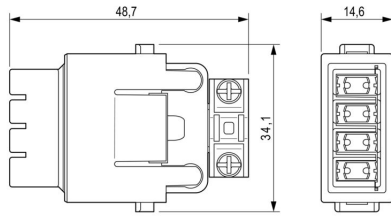
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-18
ECLASS 15.0	27-44-02-18		

HDC MGBIT 8 FC M SH

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

Drawings

www.weidmueller.com



HDC MGBIT 8 FC M SH

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

www.weidmueller.com

Accessories

D-SUB crimp contacts

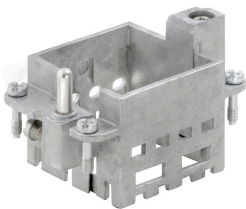


Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

General ordering data

Type	HDC C HS BM0.08-0.12 AU	Version	
Order No.	2748730000	Female, gold, 0.08 - 0.12 mm ²	
GTIN (EAN)	4050118890549		
Qty.	100 ST		
Type	HDC C HS BM0.2-0.5 AU	Version	
Order No.	2748720000	Female, gold, 0.2 - 0.5 mm ²	
GTIN (EAN)	4050118890631		
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 FC M SH

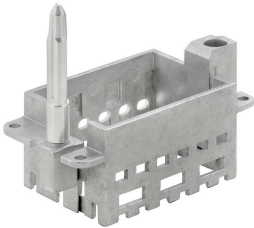
Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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	

HDC MGBIT 8 FC M SH

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

www.weidmueller.com

Accessories

With short guiding pin

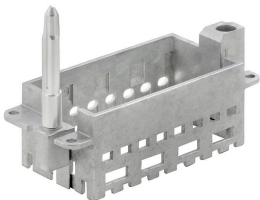


General ordering data

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		

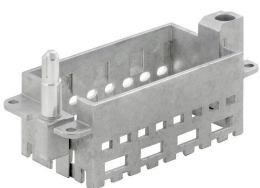
With long guiding pin



General ordering data

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

With short guiding pin



HDC MGBIT 8 FC M SH

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

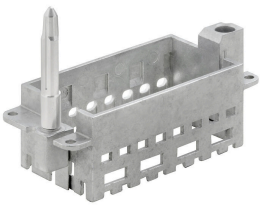
www.weidmueller.com

Accessories

General ordering data

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

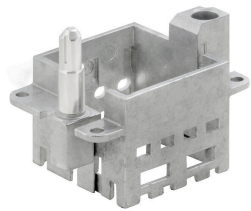
With long guiding pin



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		

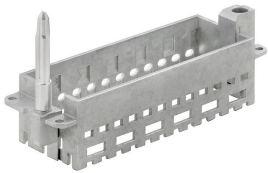
HDC MGBIT 8 FC M SH

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

www.weidmueller.com

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		

HDC MGBIT 8 FC M SH

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

www.weidmueller.com

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 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		
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		