

**HDC MGBIT 8 FC****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, Female, Required plug-in slots: 1
Order No.	<a href="#">2748530000</a>
Type	HDC MGBIT 8 FC
GTIN (EAN)	4050118890839
Qty.	1 items

## HDC MGBIT 8 FC

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

www.weidmueller.com

## 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	31 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	Female
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

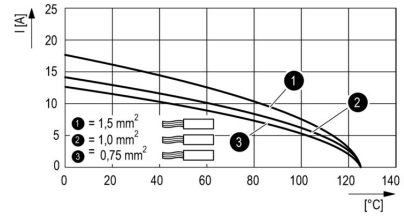
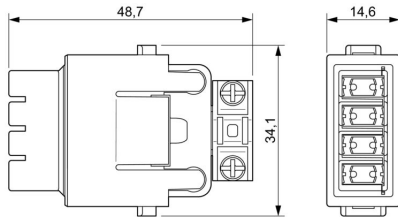
## Version

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 <sup>2</sup>	Conductor cross-section, min.	0.08 mm <sup>2</sup>

## 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



## HDC MGBIT 8 FC

**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.	<a href="#">2748730000</a>	Female, gold, 0.08 - 0.12 mm <sup>2</sup>	
GTIN (EAN)	4050118890549		
Qty.	100 ST		
Type	HDC C HS BM0.2-0.5 AU	Version	
Order No.	<a href="#">2748720000</a>	Female, gold, 0.2 - 0.5 mm <sup>2</sup>	
GTIN (EAN)	4050118890631		
Qty.	100 ST		

## Standard



## General ordering data

Type	HDC MF 6B AB	Version	
Order No.	<a href="#">1428920000</a>	Frame	
GTIN (EAN)	4050118233414		
Qty.	1 ST		
Type	HDC MF 6B BA	Version	
Order No.	<a href="#">1428940000</a>	Frame	
GTIN (EAN)	4050118233353		
Qty.	1 ST		
Type	HDC MF 10B AC	Version	
Order No.	<a href="#">1428960000</a>	Frame	
GTIN (EAN)	4050118233223		
Qty.	1 ST		
Type	HDC MF 10B CA	Version	
Order No.	<a href="#">1428980000</a>	Frame	
GTIN (EAN)	4050118233278		
Qty.	1 ST		

## HDC MGBIT 8 FC

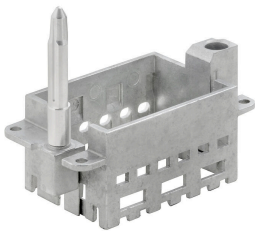
**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Accessories

Type	HDC MF 16B AD	Version
Order No.	<a href="#">1429010000</a>	Frame
GTIN (EAN)	4050118233315	
Qty.	1 ST	
Type	HDC MF 16B DA	Version
Order No.	<a href="#">1429030000</a>	Frame
GTIN (EAN)	4050118233407	
Qty.	1 ST	
Type	HDC MF 24B AF	Version
Order No.	<a href="#">1429050000</a>	Frame
GTIN (EAN)	4050118233285	
Qty.	1 ST	
Type	HDC MF 24B FA	Version
Order No.	<a href="#">1429070000</a>	Frame
GTIN (EAN)	4050118233520	
Qty.	1 ST	

## With long guiding pin



## General ordering data

Type	HDC MFGL 10B AC	Version
Order No.	<a href="#">2736990000</a>	Frame
GTIN (EAN)	4050118823042	
Qty.	1 ST	
Type	HDC MFGL 6B AB	Version
Order No.	<a href="#">2736970000</a>	Frame
GTIN (EAN)	4050118823035	
Qty.	1 ST	
Type	HDC MFGL 24B FA	Version
Order No.	<a href="#">2737040000</a>	Frame
GTIN (EAN)	4050118823097	
Qty.	1 ST	

## HDC MGBIT 8 FC

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

www.weidmueller.com

## Accessories

### With short guiding pin

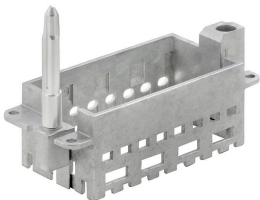


#### General ordering data

Type	HDC MFGS 16B DA	Version	
Order No.	<a href="#">2736940000</a>	Frame	
GTIN (EAN)	4050118823004		
Qty.	1 ST		

Type	HDC MFGS 24B AF	Version	
Order No.	<a href="#">2736950000</a>	Frame	
GTIN (EAN)	4050118823011		
Qty.	1 ST		

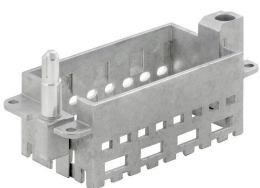
### With long guiding pin



#### General ordering data

Type	HDC MFGL 16B DA	Version	
Order No.	<a href="#">2737020000</a>	Frame	
GTIN (EAN)	4050118823073		
Qty.	1 ST		

### With short guiding pin



## HDC MGBIT 8 FC

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

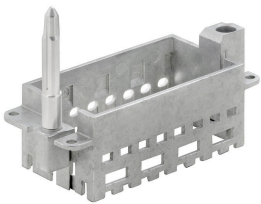
www.weidmueller.com

## Accessories

### General ordering data

Type	HDC MFGS 16B AD	Version	
Order No.	<a href="#">2736930000</a>	Frame	
GTIN (EAN)	4050118822298		
Qty.	1 ST		

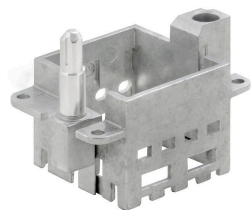
### With long guiding pin



### General ordering data

Type	HDC MFGL 16B AD	Version	
Order No.	<a href="#">2737010000</a>	Frame	
GTIN (EAN)	4050118823066		
Qty.	1 ST		

### With short guiding pin



### General ordering data

Type	HDC MFGL 6B AB	Version	
Order No.	<a href="#">2736890000</a>	Frame	
GTIN (EAN)	4050118822250		
Qty.	1 ST		
Type	HDC MFGL 24B FA	Version	
Order No.	<a href="#">2736960000</a>	Frame	
GTIN (EAN)	4050118823028		
Qty.	1 ST		
Type	HDC MFGL 10B AC	Version	
Order No.	<a href="#">2736910000</a>	Frame	
GTIN (EAN)	4050118822274		
Qty.	1 ST		

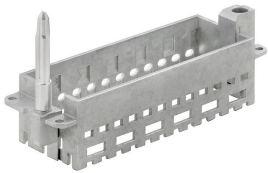
## HDC MGBIT 8 FC

**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.	<a href="#">2737030000</a>	Frame	
GTIN (EAN)	4050118823080		
Qty.	1 ST		

Type	HDC MFGL 10B CA	Version	
Order No.	<a href="#">2737000000</a>	Frame	
GTIN (EAN)	4050118823059		
Qty.	1 ST		

### With short guiding pin



#### General ordering data

Type	HDC MFGL 6B BA	Version	
Order No.	<a href="#">2736900000</a>	Frame	
GTIN (EAN)	4050118822267		
Qty.	1 ST		

Type	HDC MFGL 10B CA	Version	
Order No.	<a href="#">2736920000</a>	Frame	
GTIN (EAN)	4050118822281		
Qty.	1 ST		

## HDC MGBIT 8 FC

**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.	<a href="#">2736980000</a>	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.	<a href="#">2748520000</a>	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.	<a href="#">3092820000</a>	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 FC M SH	Version	
Order No.	<a href="#">3092810000</a>	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		

## HDC MGBIT 8 FC

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

[www.weidmueller.com](http://www.weidmueller.com)

## 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 MGBIT 8 MC	Version	
Order No.	<a href="#">2748520000</a>		
GTIN (EAN)	4050118890761		
Qty.	1 ST		
			Data module, 50 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Male, Required plug-in slots: 1