

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 pc(s).

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Technical data

Dimensions and weights

Height	40.3 mm	Height (inches)	1.587 inch
Width	26.35 mm	Width (inches)	1.037 inch
Length	13.9 mm	Length (inches)	0.547 inch
Net weight	30.4 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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General data

Category	Cat. 6A	Material	Polycarbonate
Number of poles	8	Plugging cycles	≥ 500
Pollution severity	3	Rated current (DIN EN 61984)	5 A
Rated impulse voltage (DIN EN 61984)	0.8 kV	Rated voltage (DIN EN 61984)	48 V
Required plug-in slots	1	Series	ModuPlug
Surge voltage category	III	Type	Female
UL 94 flammability rating	V-0		

Version

Type of connection	Crimp connection	Wire connection cross section AWG, max.	AWG 28
Wire connection cross section AWG, min.	AWG 20		

Signal contact

Stripping length, signal	4.2 mm
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Classifications

ETIM 6.0	EC002312	ETIM 7.0	EC002312
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 9.0	27-44-02-92
ECLASS 9.1	27-44-02-18	ECLASS 10.0	27-44-02-92
ECLASS 11.0	27-44-02-92	ECLASS 12.0	27-44-02-92
ECLASS 13.0	27-44-02-92	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

Environmental Product Compliance

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

Approvals

ROHS	Conform
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Downloads

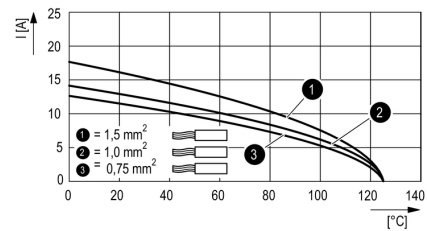
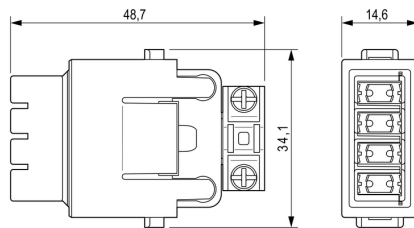
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Drawings



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www.weidmueller.com**Accessories****Standard****General ordering data**

Type	HDC MF 6B AB	Version
Order No.	1428920000	Frame
GTIN (EAN)	4050118233414	
Qty.	1 pc(s).	
Type	HDC MF 6B BA	Version
Order No.	1428940000	Frame
GTIN (EAN)	4050118233353	
Qty.	1 pc(s).	

With short guiding pin**General ordering data**

Type	HDC MFGS 10B AC	Version
Order No.	2736910000	Frame
GTIN (EAN)	4050118822274	
Qty.	1 pc(s).	
Type	HDC MFGS 10B CA	Version
Order No.	2736920000	Frame
GTIN (EAN)	4050118822281	
Qty.	1 pc(s).	

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Accessories**With short guiding pin****General ordering data**

Type	HDC MFGS 6B BA	Version
Order No.	2736900000	Frame
GTIN (EAN)	4050118822267	
Qty.	1 pc(s).	
Type	HDC MFGS 6B AB	Version
Order No.	2736890000	Frame
GTIN (EAN)	4050118822250	
Qty.	1 pc(s).	

With long guiding pin**General ordering data**

Type	HDC MFGL 24B AF	Version
Order No.	2737030000	Frame
GTIN (EAN)	4050118823080	
Qty.	1 pc(s).	
Type	HDC MFGL 24B FA	Version
Order No.	2737040000	Frame
GTIN (EAN)	4050118823097	
Qty.	1 pc(s).	

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Accessories

Electrical modules

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General ordering data

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 pc(s).	
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 pc(s).	

With long guiding pin



General ordering data

Type	HDC MFGL 16B AD	Version
Order No.	2737010000	Frame
GTIN (EAN)	4050118823066	
Qty.	1 pc(s).	
Type	HDC MFGL 16B DA	Version
Order No.	2737020000	Frame
GTIN (EAN)	4050118823073	
Qty.	1 pc(s).	

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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 pc(s).	
Type	HDC MFGL 6B AB	Version
Order No.	2736970000	Frame
GTIN (EAN)	4050118823035	
Qty.	1 pc(s).	

With short guiding pin**General ordering data**

Type	HDC MFGS 24B FA	Version
Order No.	2736960000	Frame
GTIN (EAN)	4050118823028	
Qty.	1 pc(s).	
Type	HDC MFGS 24B AF	Version
Order No.	2736950000	Frame
GTIN (EAN)	4050118823011	
Qty.	1 pc(s).	

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Type	HDC MF 24B FA	Version
Order No.	1429070000	Frame
GTIN (EAN)	4050118233520	
Qty.	1 pc(s).	
Type	HDC MF 24B AF	Version
Order No.	1429050000	Frame
GTIN (EAN)	4050118233285	
Qty.	1 pc(s).	

With short guiding pin**General ordering data**

Type	HDC MFGS 16B AD	Version
Order No.	2736930000	Frame
GTIN (EAN)	4050118822298	
Qty.	1 pc(s).	
Type	HDC MFGS 16B DA	Version
Order No.	2736940000	Frame
GTIN (EAN)	4050118823004	
Qty.	1 pc(s).	

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

Standard**General ordering data**

Type	HDC MF 10B AC	Version
Order No.	1428960000	Frame
GTIN (EAN)	4050118233223	
Qty.	1 pc(s).	
Type	HDC MF 10B CA	Version
Order No.	1428980000	Frame
GTIN (EAN)	4050118233278	
Qty.	1 pc(s).	

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Accessories

Standard



General ordering data

Type	HDC MF 16B DA	Version
Order No.	1429030000	Frame
GTIN (EAN)	4050118233407	
Qty.	1 pc(s).	
Type	HDC MF 16B AD	Version
Order No.	1429010000	Frame
GTIN (EAN)	4050118233315	
Qty.	1 pc(s).	

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 BM0.2-0.5 AU	Version
Order No.	2748720000	Female, gold, 0.2 - 0.5 mm ²
GTIN (EAN)	4050118890631	
Qty.	100 pc(s).	
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 pc(s).	