

HDC MGBIT 8 MC 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, Male, Required plug-in slots: 1
Order No.	3092820000
Type	HDC MGBIT 8 MC M SH
GTIN (EAN)	4099987109857
Qty.	1 pc(s).

HDC MGBIT 8 MC M SH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Height	41.4 mm	Height (inches)	1.63 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
-------------------	-------------------

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	Male
UL 94 flammability rating	V-0		

Version

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

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 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		

Approvals

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

Environmental Product Compliance

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

Creation date July 15, 2025 10:04:18 PM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

HDC MGBIT 8 MC M SH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

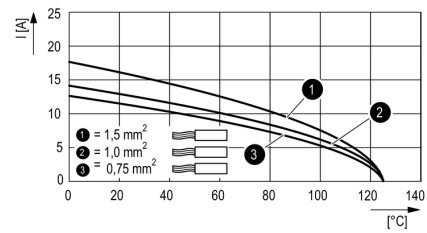
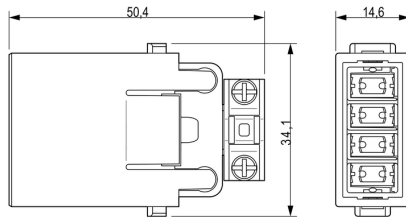
[Catalogues in PDF-format](#)

HDC MGBIT 8 MC M SH

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

www.weidmueller.com

Drawings



HDC MGBIT 8 MC 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 pc(s).	
Type	HDC MFGS 16B AD	Version
Order No.	2736930000	Frame
GTIN (EAN)	4050118822298	
Qty.	1 pc(s).	

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	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 pc(s).	
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 pc(s).	

HDC MGBIT 8 MC 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 FA	Version
Order No.	2737040000	Frame
GTIN (EAN)	4050118823097	
Qty.	1 pc(s).	
Type	HDC MFGL 24B AF	Version
Order No.	2737030000	Frame
GTIN (EAN)	4050118823080	
Qty.	1 pc(s).	

With long guiding pin**General ordering data**

Type	HDC MFGL 6B AB	Version
Order No.	2736970000	Frame
GTIN (EAN)	4050118823035	
Qty.	1 pc(s).	
Type	HDC MFGL 6B BA	Version
Order No.	2736980000	Frame
GTIN (EAN)	4050118822908	
Qty.	1 pc(s).	

HDC MGBIT 8 MC M SH**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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).	

With long guiding pin**General ordering data**

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

HDC MGBIT 8 MC M SH

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

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

HDC MGBIT 8 MC M SH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Standard



General ordering data

Type	HDC MF 10B CA	Version
Order No.	1428980000	Frame
GTIN (EAN)	4050118233278	
Qty.	1 pc(s).	
Type	HDC MF 10B AC	Version
Order No.	1428960000	Frame
GTIN (EAN)	4050118233223	
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 SM0.08-0.12 AU	Version
Order No.	2748710000	Male, gold, 0.08 - 0.12 mm ²
GTIN (EAN)	4050118890556	
Qty.	100 pc(s).	
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 pc(s).	

HDC MGBIT 8 MC M SH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Standard



General ordering data

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

HDC MGBIT 8 MC 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 10B CA	Version
Order No.	2737000000	Frame
GTIN (EAN)	4050118823059	
Qty.	1 pc(s).	
Type	HDC MFGL 10B AC	Version
Order No.	2736990000	Frame
GTIN (EAN)	4050118823042	
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).	