

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

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Technical data

Approvals

ROHS	Conform
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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
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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
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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		

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Drawings

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