

HDC MBUS HE 1 F

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 use, 50 V, 16 A, Number of poles: 1, Crimp connection, Female, Required plug-in slots: 0
Order No.	2748600000
Type	HDC MBUS HE 1 F
GTIN (EAN)	4050118890563
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	45.9 mm	Depth (inches)	1.8071 inch
Height	16.6 mm	Height (inches)	0.6535 inch
Width	18 mm	Width (inches)	0.7087 inch
Net weight	22.22 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	fa505316-3e43-4ad0-930c-360dfdbe182a

General data

Number of poles	1	UL 94 flammability rating	V-0
Plugging cycles	≥ 500	Type	Female
Surge voltage category	III	Pollution severity	3
Basic material	Polycarbonate	Series	ModuPlug
Rated voltage (DIN EN 61984)	50 V	Rated impulse voltage (DIN EN 61984)	0.8 kV
Rated current (DIN EN 61984)	16 A	Required plug-in slots	0

Version

Wire connection cross section AWG, max.	AWG 12	Stripping length, rated connection	8 mm
Type of connection	Crimp connection	Wire connection cross section AWG, min.	AWG 20
Conductor cross-section, max.	4 mm ²	Conductor cross-section, min.	0.5 mm ²

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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Accessories

Electrical modules



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General ordering data

Type	HDC MEMC 2 FC	Version	
Order No.	2748570000		
GTIN (EAN)	4050118890587		Data module, 50 V, 10 A, Number of poles: 2, Crimp connection, Female, Required plug-in slots: 2
Qty.	2 ST		

Shield plate MEMC



In addition to heavy-duty connectors, RockStar® includes the appropriate accessories for effective, functional and safe system cabling; e.g. coding systems, shield clamps, cover plates and replacement seals

General ordering data

Type	HDC MEMC ADP	Version	
Order No.	2748740000		
GTIN (EAN)	4050118890624		Shield bus
Qty.	1 ST		

Crimp contacts HE



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-HE-BM0.5AG	Version	
Order No.	1201100000		
GTIN (EAN)	4008190142698		Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST		

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Accessories

Type	HDC-C-HE-BM0.5AU	Version
Order No.	1651470000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400149	Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM0.75-1.00AG	Version
Order No.	1201200000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190044480	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM0.75-1.00AU	Version
Order No.	1651480000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400156	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM1.5AG	Version
Order No.	1201300000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190100346	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM1.5AU	Version
Order No.	1651490000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400163	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM2.5AG	Version
Order No.	1201400000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190047078	Female, Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM2.5AU	Version
Order No.	1651500000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400170	Female, Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM4.0AG	Version
Order No.	1201500000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190148096	Female, Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM4.0AU	Version
Order No.	1651510000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4008190400187	Female, Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-BM4.65AU	Version
Order No.	1116530000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate,
GTIN (EAN)	4032248897254	Female, Conductor cross-section, max.: 4.65, turned, Copper alloy
Qty.	100 ST	

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Counterpart

Electrical modules



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General ordering data

Type	HDC MBUS HE 1 M	Version	
Order No.	2748610000	Data use, 50 V, 16 A, Number of poles: 1, Crimp connection, Male,	
GTIN (EAN)	4050118890822	Required plug-in slots: 0	
Qty.	1 ST		