

HDC CM HE 4 MC

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

www.weidmueller.com



The HE-ConCept module is designed as a power module. The module is assembled with HE crimp contacts. A variety of wire cross-sections and two surfaces (silver and gold) are possible.

A customized contact removal tool is available for removing the contacts.

The power modules can be ordered with or without the integrated module release aid. A removal tool is available for modules that do not have the integrated module release aid.

General ordering data

Version	Heavy-duty connectors, HDC insert, ConCept module
Order No.	1861920000
Type	HDC CM HE 4 MC
GTIN (EAN)	4032248425068
Qty.	10 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	39.5 mm	Height (inches)	1.5551 inch
Width	11.4 mm	Width (inches)	0.4488 inch
Net weight	9.2 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd

ConCept Pneumatic module

UL 94 flammability rating	V-0	Colour	beige
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Dimensions

Width	11.4 mm	Total length base	34 mm
Height of plug	39.5 mm		

General data

Number of poles	4	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤2 mΩ
Colour	beige	Insulation resistance	1012 Ω
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Type	Pin
Surge voltage category	III	Pollution severity	3
Basic material	Polycarbonate, glass fibre reinforced	Series	ConCept module
Rated voltage (DIN EN 61984)	630 V	Rated impulse voltage (DIN EN 61984)	8 kV
Rated current (DIN EN 61984)	25 A	Free from halogens	false
Low smoke acc. DIN EN 45545-2	Yes		

Connection data PE

Connection type PE	Screw connection via module frame
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Version

Wire connection cross section AWG, max.	AWG 12	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Volume resistance	≤2 mΩ

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Wire connection cross section AWG, min.	AWG 20	Conductor cross-section, max.	4 mm ²
Conductor cross-section, min.	0.5 mm ²	Basic material	Polycarbonate, glass fibre reinforced

Classifications

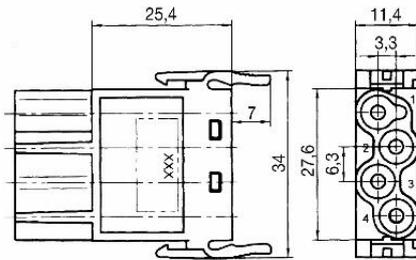
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

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Drawings

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Accessories

Modul removal tool



Weidmüller offers a variety of crimping tools, no-contact tools, and fibre optic tools.

General ordering data

Type	HDC-DW-MOD	Version	
Order No.	1688200000	Tool miscellaneous, Contact Removal Tool	
GTIN (EAN)	4008190857189		
Qty.	1 ST		

Crimping tools



Crimping tools for turned contacts

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

General ordering data

Type	CTX CM 1.6/2.5	Version	
Order No.	9018490000	Pressing tool, Crimping tool for contacts, 0.14mm ² , 4mm ² , W crimp	
GTIN (EAN)	4008190884598		
Qty.	1 ST		

Contact removal tools



Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

General ordering data

Type	REMOVAL TOOL HE	Version	
Order No.	1866750000	Tools, Contact Removal Tool	
GTIN (EAN)	4032248437078		
Qty.	1 ST		

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Accessories

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HE

Various accessories are available for our inserts. This includes coding elements for the inserts.



General ordering data

Type	HDC HE CP	Version	
Order No.	1003240000	Heavy-duty connectors, Accessories, Coding System	
GTIN (EAN)	4032248698233		
Qty.	100 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-SM0.5AG	Version	
Order No.	1200500000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,	
GTIN (EAN)	4008190159627	Conductor cross-section, max.: 0.5, turned, Copper alloy	
Qty.	100 ST		
Type	HDC-C-HE-SM0.75-1.00AG	Version	
Order No.	1200600000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,	
GTIN (EAN)	4008190171308	Conductor cross-section, max.: 1, turned, Copper alloy	
Qty.	100 ST		
Type	HDC-C-HE-SM1.5AG	Version	
Order No.	1200700000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,	
GTIN (EAN)	4008190074920	Conductor cross-section, max.: 1.5, turned, Copper alloy	
Qty.	100 ST		
Type	HDC-C-HE-SM2.5AG	Version	
Order No.	1200800000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,	
GTIN (EAN)	4008190131913	Conductor cross-section, max.: 2.5, turned, Copper alloy	
Qty.	100 ST		
Type	HDC-C-HE-SM4.0AG	Version	
Order No.	1200900000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,	
GTIN (EAN)	4008190115906	Conductor cross-section, max.: 4, turned, Copper alloy	
Qty.	100 ST		

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Accessories

Type	HDC-C-HE-SM0.5AU	Version
Order No.	1651420000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400095	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM0.75-1.00AU	Version
Order No.	1651430000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400101	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM1.5AU	Version
Order No.	1651440000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400118	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM2.5AU	Version
Order No.	1651450000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400125	Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HE-SM4.0AU	Version
Order No.	1651460000	Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Male,
GTIN (EAN)	4008190400132	Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	100 ST	