

**HDC CM 5 FC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The CM5 modules are assembled with crimp contacts. The crimp contact features a stainless steel spring. The provides a secure snap-in contact with the module. A contact removal tool is available for removing the contacts. The 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.	<a href="#">1758390000</a>
Type	HDC CM 5 FC
GTIN (EAN)	4032248019618
Qty.	10 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	40.5 mm	Height (inches)	1.5945 inch
Width	11.4 mm	Width (inches)	0.4488 inch
Net weight	6.77 g		

## Environmental Product Compliance

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

## 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 socket	40.5 mm		

## General data

Number of poles	5	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤2 mΩ
Colour	beige	Insulation resistance	1012 Ω
Type	Female	Surge voltage category	III
Pollution severity	3	Basic material	Polycarbonate, glass fibre reinforced
Series	ConCept module	Rated voltage (DIN EN 61984)	250 V
Rated impulse voltage (DIN EN 61984)	6 kV	Rated current (DIN EN 61984)	20 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

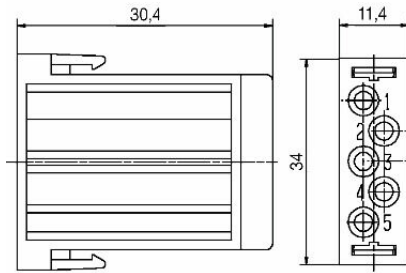
Wire connection cross section AWG, max.	AWG 12	Stripping length, rated connection	7 mm
Type of connection	Crimp connection	Volume resistance	≤2 mΩ
Wire connection cross section AWG, min.	AWG 20	Conductor cross-section, max.	4 mm <sup>2</sup>
Conductor cross-section, min.	0.5 mm <sup>2</sup>	Basic material	Polycarbonate, glass fibre reinforced

**Technical data**

**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		

Drawings



## HDC CM 5 FC

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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.	<a href="#">1688200000</a>	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.	<a href="#">9018490000</a>	Pressing tool, Crimping tool for contacts, 0.14mm <sup>2</sup> , 4mm <sup>2</sup> , 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 CM 5	Version	
Order No.	<a href="#">1866720000</a>	Tools, Contact Removal Tool	
GTIN (EAN)	4032248437047		
Qty.	1 ST		

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## Accessories

## Crimp contacts CM5



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-M5-BM0.5AG	Version
Order No.	<a href="#">1682330000</a>	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474065	cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM0.75-1.0AG	Version
Order No.	<a href="#">1682350000</a>	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474089	cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM1.5AG	Version
Order No.	<a href="#">1682370000</a>	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474102	cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM2.5AG	Version
Order No.	<a href="#">1682390000</a>	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474126	cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM4.0AG	Version
Order No.	<a href="#">1682410000</a>	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474140	cross-section, max.: 4, turned, Copper alloy
Qty.	100 ST	