

## HDC CM 3 FC



The module is assembled with HE crimp contacts. The crimp contact features a stainless steel spring. The provides a secure snap-in contact with the module. 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.	<a href="#">1758370000</a>
Type	HDC CM 3 FC
GTIN (EAN)	4032248019595
Qty.	10 items

## HDC CM 3 FC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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	40.4 mm	Height (inches)	1.5905 inch
Width	11.4 mm	Width (inches)	0.4488 inch
Net weight	7.57 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

## Dimensions

Width	11.4 mm	Total length base	34 mm
Height of socket	40.4 mm		

## General data

Number of poles	3	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤1 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)	690 V
Rated impulse voltage (DIN EN 61984)	8 kV	Rated current (DIN EN 61984)	40 A
Free from halogens	false	Low smoke acc. DIN EN 45545-2	Yes

## Connection data PE

Connection type PE Screw connection via module frame

## Version

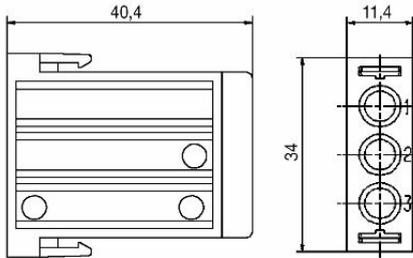
Wire connection cross section AWG, max.	AWG 7	Stripping length, rated connection	10 mm
Type of connection	Crimp connection	Volume resistance	≤1 mΩ
Wire connection cross section AWG, min.	AWG 16	Conductor cross-section, max.	10 mm <sup>2</sup>
Conductor cross-section, min.	1.5 mm <sup>2</sup>	Basic material	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 3 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		
Type	CTX CM 3.6	Version	
Order No.	<a href="#">9018480000</a>	Pressing tool, Crimping tool for contacts, 4mm <sup>2</sup> , 10mm <sup>2</sup> , W crimp	
GTIN (EAN)	4008190884581		
Qty.	1 ST		

### Contact removal tools



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

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## Accessories

## General ordering data

Type	REMOVAL TOOL CM 3	Version
Order No.	<a href="#">1866710000</a>	Tools, Contact Removal Tool
GTIN (EAN)	4032248437030	
Qty.	1 ST	

## Crimp contacts CM3



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-M3-BM1.5AG	Version
Order No.	<a href="#">1698130000</a>	Heavy-duty connectors, Crimp contact, CM 3, Female, Conductor
GTIN (EAN)	4008190885045	cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M3-BM2.5AG	Version
Order No.	<a href="#">1698150000</a>	Heavy-duty connectors, Crimp contact, CM 3, Female, Conductor
GTIN (EAN)	4008190885069	cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M3-BM4.0AG	Version
Order No.	<a href="#">1682270000</a>	Heavy-duty connectors, Crimp contact, CM 3, Female, Conductor
GTIN (EAN)	4008190474003	cross-section, max.: 4, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M3-BM6.0AG	Version
Order No.	<a href="#">1682290000</a>	Heavy-duty connectors, Crimp contact, CM 3, Female, Conductor
GTIN (EAN)	4008190474027	cross-section, max.: 6, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M3-BM10.0AG	Version
Order No.	<a href="#">1682310000</a>	Heavy-duty connectors, Crimp contact, CM 3, Female, Conductor
GTIN (EAN)	4008190474041	cross-section, max.: 10, turned, Copper alloy
Qty.	100 ST	