

**HDC CM 3 MC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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="#">1758360000</a>
Type	HDC CM 3 MC
GTIN (EAN)	4032248019588
Qty.	10 pc(s).

Creation date March 12, 2024 6:12:54 PM CET

Catalogue status 09.03.2024 / We reserve the right to make technical changes.

## HDC CM 3 MC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	31.4 mm	Height (inches)	1.236 inch
Width	11.4 mm	Width (inches)	0.449 inch
Net weight	6.8 g		

## ConCept Pneumatic module

Colour	beige	UL 94 flammability rating	V-0
--------	-------	---------------------------	-----

## Dimensions

Height of plug	31.4 mm	Total length base	34 mm
Width	11.4 mm		

## General data

Free from halogens	false	Insulation strength	10 <sup>12</sup> Ω
Low smoke acc. DIN EN 45545-2	Yes	Material	Polycarbonate, glass fibre reinforced
Number of poles	3	Pollution severity	3
Rated current (DIN EN 61984)	40 A	Rated impulse voltage (DIN EN 61984)	8 kV
Rated voltage (DIN EN 61984)	690 V	Series	ConCept module
Surge voltage category	III	Type	Pin
UL 94 flammability rating	V-0	Volume resistance	≤1 mΩ

## Connection data PE

Connection type PE	Screw connection via module frame
--------------------	-----------------------------------

## Version

Conductor cross-section, max.	10 mm <sup>2</sup>	Conductor cross-section, min.	1.5 mm <sup>2</sup>
Material	Polycarbonate, glass fibre reinforced	Stripping length, rated connection	10 mm
Type of connection	Crimp connection	Volume resistance	≤1 mΩ
Wire connection cross section AWG, max.	AWG 7	Wire connection cross section AWG, min.	AWG 16

## Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ECLASS 9.0	27-44-02-05	ECLASS 9.1	27-44-02-05
ECLASS 10.0	27-44-02-05	ECLASS 11.0	27-44-02-05
ECLASS 12.0	27-44-02-05	ECLASS 13.0	27-44-02-05

**Data sheet****HDC CM 3 MC**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

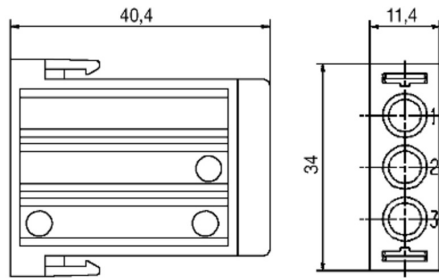
**Data sheet**

**HDC CM 3 MC**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**



**HDC CM 3 MC**

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

www.weidmueller.com

**Accessories**

**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-SM6.0AG	Version
Order No.	<a href="#">1682280000</a>	Heavy-duty connectors, Crimp contact, CM 3, Pin, Conductor cross-section, max.: 6, turned, Copper alloy
GTIN (EAN)	4008190474010	
Qty.	100 pc(s).	
Type	HDC-C-M3-SM1.5AG	Version
Order No.	<a href="#">1698120000</a>	Heavy-duty connectors, Crimp contact, CM 3, Pin, Conductor cross-section, max.: 1.5, turned, Copper alloy
GTIN (EAN)	4008190885038	
Qty.	100 pc(s).	
Type	HDC-C-M3-SM2.5AG	Version
Order No.	<a href="#">1698140000</a>	Heavy-duty connectors, Crimp contact, CM 3, Pin, Conductor cross-section, max.: 2.5, turned, Copper alloy
GTIN (EAN)	4008190885052	
Qty.	100 pc(s).	
Type	HDC-C-M3-SM4.0AG	Version
Order No.	<a href="#">1682260000</a>	Heavy-duty connectors, Crimp contact, CM 3, Pin, Conductor cross-section, max.: 4, turned, Copper alloy
GTIN (EAN)	4008190473990	
Qty.	100 pc(s).	
Type	HDC-C-M3-SM10.0AG	Version
Order No.	<a href="#">1682300000</a>	Heavy-duty connectors, Crimp contact, CM 3, Pin, Conductor cross-section, max.: 10, turned, Copper alloy
GTIN (EAN)	4008190474034	
Qty.	100 pc(s).	

**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 pc(s).	

**HDC CM 3 MC**

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

www.weidmueller.com

**Accessories**

**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, 0.14mm², 4mm², W crimp
GTIN (EAN)	4008190884598	
Qty.	1 pc(s).	
Type	CTX CM 3.6	Version
Order No.	<a href="#">9018480000</a>	Pressing tool, Crimping tool for contacts, 4mm², 10mm², W crimp
GTIN (EAN)	4008190884581	
Qty.	1 pc(s).	

**Contact removal tools**



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

**General ordering data**

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