

**HDC-CM-20BCG****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The ConCept system features flexible and all-purpose modules. Depending on the application, you can choose from a wide variety of modules based on your requirements. The modules differ according to electrical specifications and their respective wire connection methods. Any number of combinations can be created with the ever-growing number of modules.

**General ordering data**

Version	Heavy-duty connectors, HDC insert, ConCept module
Order No.	<a href="#">1682170000</a>
Type	HDC-CM-20BCG
GTIN (EAN)	4008190473907
Qty.	10 pc(s).

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## Technical data

## Dimensions and weights

Length	34 mm	Length (inches)	1.339 inch
Net weight	8 g		

## ConCept Pneumatic module

Colour	black	UL 94 flammability rating	V-0
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## Dimensions

Height of socket	11.4 mm	Total length base	34 mm
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## General data

Colour	black	Free from halogens	false
Insulation strength	10 <sup>12</sup> Ω	Low smoke acc. DIN EN 45545-2	Yes
Material	Copper alloy	Number of poles	20
Pollution severity	3	Rated current (DIN EN 61984)	4 A
Rated impulse voltage (DIN EN 61984)	1.5 kV	Rated voltage (DIN EN 61984)	100 V
Series	ConCept module	Surge voltage category	III
Type	Female	UL 94 flammability rating	V-0
Volume resistance	≤4 mΩ		

## Connection data PE

Connection type PE	Crimp connection
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## Version

Conductor cross-section, max.	0.52 mm <sup>2</sup>	Conductor cross-section, min.	0.08 mm <sup>2</sup>
Material	Copper alloy	Volume resistance	≤4 mΩ
Wire connection cross section AWG, max.	AWG 20		

## Classifications

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ECLASS 9.0	27-44-02-04	ECLASS 9.1	27-44-02-04
ECLASS 10.0	27-44-02-04	ECLASS 11.0	27-44-02-04
ECLASS 12.0	27-44-02-04	ECLASS 13.0	27-44-02-04

## Environmental Product Compliance

REACH SVHC	/
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## Approvals

Approvals



ROHS	Conform
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## Technical data

### Downloads

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

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## Accessories

## Contact removal tools



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

## General ordering data

Type	REMOVAL TOOL CM 20	Version
Order No.	<a href="#">1866740000</a>	Tools, Contact Removal Tool
GTIN (EAN)	4032248437061	
Qty.	1 pc(s).	

## Stamped



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-M20-SCG0.08-0.2AU	Version
Order No.	<a href="#">1682420000</a>	Heavy-duty connectors, Crimp contact, CM 20, Pin, Conductor cross-section, max.: 0.2, punched, Copper alloy
GTIN (EAN)	4008190859930	
Qty.	500 pc(s).	
Type	HDC-C-M20-BCG0.08-0.2AU	Version
Order No.	<a href="#">1682430000</a>	Heavy-duty connectors, Crimp contact, CM 20, Female, Conductor cross-section, max.: 0.2, punched, Copper alloy
GTIN (EAN)	4008190859954	
Qty.	500 pc(s).	
Type	HDC-C-M20-SCG0.2-0.52AU	Version
Order No.	<a href="#">1682440000</a>	Heavy-duty connectors, Crimp contact, CM 20, Pin, Conductor cross-section, max.: 0.52, punched, Copper alloy
GTIN (EAN)	4008190859947	
Qty.	500 pc(s).	
Type	HDC-C-M20-BCG0.2-0.52AU	Version
Order No.	<a href="#">1682450000</a>	Heavy-duty connectors, Crimp contact, CM 20, Female, Conductor cross-section, max.: 0.52, punched, Copper alloy
GTIN (EAN)	4008190859961	
Qty.	500 pc(s).	