

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	1682160000
Type	HDC-CM-20SCG
GTIN (EAN)	4008190473891
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Length	34 mm	Length (inches)	1.339 inch
Net weight	5.5 g		

ConCept Pneumatic module

Colour	black	UL 94 flammability rating	V-0
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Dimensions

Height of plug	11.4 mm	Total length base	34 mm
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General data

Colour	black	Free from halogens	false
Insulation strength	10 ¹² 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	Pin	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 ²	Conductor cross-section, min.	0.08 mm ²
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	/
RoHS Compliance Status	Compliant

Approvals

Approvals



ROHS	Conform
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Technical data

Downloads

Catalogues

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www.weidmueller.com**Accessories****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.	1682420000	Heavy-duty connectors, Crimp contact, CM 20, Pin, Conductor cross-
GTIN (EAN)	4008190859930	section, max.: 0.2, punched, Copper alloy
Qty.	500 pc(s).	
Type	HDC-C-M20-SCG0.2-0.52AU	Version
Order No.	1682440000	Heavy-duty connectors, Crimp contact, CM 20, Pin, Conductor cross-
GTIN (EAN)	4008190859947	section, max.: 0.52, punched, Copper alloy
Qty.	500 pc(s).	
Type	HDC-C-M20-BCG0.08-0.2AU	Version
Order No.	1682430000	Heavy-duty connectors, Crimp contact, CM 20, Female, Conductor
GTIN (EAN)	4008190859954	cross-section, max.: 0.2, punched, Copper alloy
Qty.	500 pc(s).	
Type	HDC-C-M20-BCG0.2-0.52AU	Version
Order No.	1682450000	Heavy-duty connectors, Crimp contact, CM 20, Female, Conductor
GTIN (EAN)	4008190859961	cross-section, max.: 0.52, punched, Copper alloy
Qty.	500 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 20	Version
Order No.	1866740000	Tools, Contact Removal Tool
GTIN (EAN)	4032248437061	
Qty.	1 pc(s).	