

HDC-CM-20BCG

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.	1682170000
Type	HDC-CM-20BCG
GTIN (EAN)	4008190473907
Qty.	10 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Length	34 mm	Length (inches)	1.3386 inch
Net weight	8 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

ConCept Pneumatic module

UL 94 flammability rating	V-0	Colour	black
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Dimensions

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

Number of poles	20	UL 94 flammability rating	V-0
Volume resistance	≤4 mΩ	Colour	black
Insulation resistance	1012 Ω	Type	Female
Surge voltage category	III	Pollution severity	3
Basic material	Copper alloy	Series	ConCept module
Rated voltage (DIN EN 61984)	100 V	Rated impulse voltage (DIN EN 61984)	1.5 kV
Rated current (DIN EN 61984)	4 A	Free from halogens	false
Low smoke acc. DIN EN 45545-2	Yes		

Connection data PE

Connection type PE	Crimp connection
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Version

Wire connection cross section AWG, max.	AWG 20	Volume resistance	≤4 mΩ
Conductor cross-section, max.	0.52 mm ²	Conductor cross-section, min.	0.08 mm ²
Basic material	Copper alloy		

Classifications

ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 14.0	27-44-02-04
ECLASS 15.0	27-44-02-04		

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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, Male, Conductor
GTIN (EAN)	4008190859930	cross-section, max.: 0.2, punched, Copper alloy
Qty.	500 ST	
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 ST	
Type	HDC-C-M20-SCG0.2-0.52AU	Version
Order No.	1682440000	Heavy-duty connectors, Crimp contact, CM 20, Male, Conductor
GTIN (EAN)	4008190859947	cross-section, max.: 0.52, punched, Copper alloy
Qty.	500 ST	
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 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 20	Version
Order No.	1866740000	Tools, Contact Removal Tool
GTIN (EAN)	4032248437061	
Qty.	1 ST	