

HDC-CM-3SCM**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.	1682080000
Type	HDC-CM-3SCM
GTIN (EAN)	4008190473808
Qty.	10 items

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Technical data

Approvals

Approvals



ROHS

Conform

Dimensions and weights

Length	34 mm	Length (inches)	1.3386 inch
Net weight	7.4 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 plug	11.4 mm
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General data

Number of poles	3	UL 94 flammability rating	V-0
Volume resistance	5.00 mΩ	Colour	black
Insulation resistance	1011 Ω	Type	Male
Surge voltage category	III	Pollution severity	3
Series	ConCept module	Rated voltage (DIN EN 61984)	630 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	Crimp connection
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Version

Wire connection cross section AWG, max.	AWG 7	Volume resistance	5.00 mΩ
Conductor cross-section, max.	10 mm ²	Conductor cross-section, min.	1.5 mm ²

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

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-SM4.0AG	Version
Order No.	1682260000	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-
GTIN (EAN)	4008190473990	section, max.: 4, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M3-BM4.0AG	Version
Order No.	1682270000	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-SM6.0AG	Version
Order No.	1682280000	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-
GTIN (EAN)	4008190474010	section, max.: 6, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M3-BM6.0AG	Version
Order No.	1682290000	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-SM10.0AG	Version
Order No.	1682300000	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-
GTIN (EAN)	4008190474034	section, max.: 10, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M3-BM10.0AG	Version
Order No.	1682310000	Heavy-duty connectors, Crimp contact, CM 3, Female, Conductor
GTIN (EAN)	4008190474041	cross-section, max.: 10, turned, Copper alloy
Qty.	100 ST	

Modul removal tool



Weidmüller offers a variety of crimping tools, no-contact tools, and fibre optic tools.

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Accessories

General ordering data

Type	HDC-DW-M0D	Version
Order No.	1688200000	Tool miscellaneous, Contact Removal Tool
GTIN (EAN)	4008190857189	
Qty.	1 ST	

Crimp contacts CM3



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General ordering data

Type	HDC-C-M3-BM2.5AG	Version
Order No.	1698150000	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-BM1.5AG	Version
Order No.	1698130000	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-SM1.5AG	Version
Order No.	1698120000	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-
GTIN (EAN)	4008190885038	section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M3-SM2.5AG	Version
Order No.	1698140000	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-
GTIN (EAN)	4008190885052	section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	