Data sheet

HDC-CM-5SCM

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.	1682100000
Type	HDC-CM-5SCM
GTIN (EAN)	4008190473822
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 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

Dimensions

Total length base	34 mm	Height of plug	11.4 mm

General data

Number of poles	5	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)	400 V
Rated impulse voltage (DIN EN 61984)	6 kV	Rated current (DIN EN 61984)	20 A
Free from halogens	false	Low smoke acc. DIN EN 45545-2	Yes

Connection data PE

Connection type PE	Crimp connection

Version

Wire connection cross section AWG, max.	AWG 12	Volume resistance	5.00 mΩ
Conductor cross-section, max.	4 mm²	Conductor cross-section, min.	0.75 mm²

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 CM5



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-M5-SM0.5AG	Version
Order No.	1682320000	Heavy-duty connectors, Crimp contact, CM 5, Male, Conductor cross-
GTIN (EAN)	4008190474058	section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM0.5AG	Version
Order No.	1682330000	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474065	cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-SM0.75-1.0AG	Version
Order No.	1682340000	Heavy-duty connectors, Crimp contact, CM 5, Male, Conductor cross-
GTIN (EAN)	4008190474072	section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM0.75-1.0AG	Version
Order No.	1682350000	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474089	cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-SM1.5AG	Version
Order No.	1682360000	Heavy-duty connectors, Crimp contact, CM 5, Male, Conductor cross-
GTIN (EAN)	4008190474096	section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM1.5AG	Version
Order No.	1682370000	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474102	cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-SM2.5AG	Version
Order No.	1682380000	Heavy-duty connectors, Crimp contact, CM 5, Male, Conductor cross-
GTIN (EAN)	4008190474119	section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM2.5AG	Version
Order No.	1682390000	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474126	cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-SM4.0AG	Version
Order No.	1682400000	Heavy-duty connectors, Crimp contact, CM 5, Male, Conductor cross-
GTIN (EAN)	4008190474133	section, max.: 4, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-M5-BM4.0AG	Version
Order No.	1682410000	Heavy-duty connectors, Crimp contact, CM 5, Female, Conductor
GTIN (EAN)	4008190474140	cross-section, max.: 4, turned, Copper alloy
Qty.	100 ST	

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Accessories

Modul removal tool



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

General ordering data

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