Data sheet

HDC CM 5 FC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



The CM5 modules are assembled with crimp contacts. The crimp contact features a stainless steel spring. The provides a secure snap-in contact with the module.
A contact removal tool is available for removing the contacts. The modules can be ordered with or without the integrated module release aid.
A removal tool is available for modules that do not have the integrated module release aid.

General ordering data

Version	Heavy-duty connectors, HDC insert, ConCept module
Order No.	1758390000
Type	HDC CM 5 FC
GTIN (EAN)	4032248019618
Qty.	10 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	40.5 mm	Height (inches)	1.5945 inch
Width	11.4 mm	Width (inches)	0.4488 inch
Net weight	6.77 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

ConCept Pneumatic module

UL 94 flammability rating	V-0	Colour	beige

Dimensions

Width	11.4 mm	Total length base	34 mm
Height of socket	40.5 mm		

General data

Number of poles	5	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤2 mΩ
Colour	beige	Insulation resistance	1012 Ω
Type	Female	Surge voltage category	III
Pollution severity	3	Basic material	Polycarbonate, glass fibre reinforced
Series	ConCept module	Rated voltage (DIN EN 61984)	250 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	Screw connection via module frame

Version

Wire connection cross section AWG, max.	AWG 12	Stripping length, rated connection	7 mm
Type of connection	Crimp connection	Volume resistance	≤2 mΩ
Wire connection cross section AWG, min.	AWG 20	Conductor cross-section, max.	4 mm²
Conductor cross-section, min.	0.5 mm²	Basic material	Polycarbonate, glass fibre reinforced

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Technical data

Classifications

ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

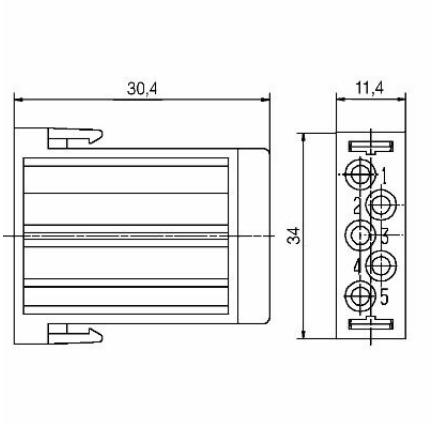
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Drawings



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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	

Crimping tools



Crimping tools for turned contacts
- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

General ordering data

Type	CTX CM 1.6/2.5	Version
Order No.	9018490000	Pressing tool, Crimping tool for contacts, 0.14mm², 4mm², W crimp
GTIN (EAN)	4008190884598	
Qty.	1 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 5	Version
Order No.	1866720000	Tools, Contact Removal Tool
GTIN (EAN)	4032248437047	
Qty.	1 ST	

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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-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-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-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-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-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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