

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 pc(s).

Creation date June 14, 2025 10:48:20 PM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	40.5 mm	Height (inches)	1.594 inch
Width	11.4 mm	Width (inches)	0.449 inch
Net weight	6.77 g		

ConCept Pneumatic module

Colour	beige	UL 94 flammability rating	V-0
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Dimensions

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

General data

Colour	beige	Free from halogens	false
Insulation strength	10 ¹² Ω	Low smoke acc. DIN EN 45545-2	Yes
Material	Polycarbonate, glass fibre reinforced	Number of poles	5
Pollution severity	3	Rated current (DIN EN 61984)	20 A
Rated impulse voltage (DIN EN 61984)	6 kV	Rated voltage (DIN EN 61984)	250 V
Series	ConCept module	Surge voltage category	III
Type	Female	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤2 mΩ

Connection data PE

Connection type PE	Screw connection via module frame
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Version

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

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 9.0	27-44-02-05
ECLASS 9.1	27-44-02-05	ECLASS 10.0	27-44-02-05
ECLASS 11.0	27-44-02-05	ECLASS 12.0	27-44-02-05
ECLASS 13.0	27-44-02-05	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

Environmental Product Compliance

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

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Technical data

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Con-	
formity	Manufacturer's declaration

Engineering Data	CAD data – STEP
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Catalogues	Catalogues in PDF-format
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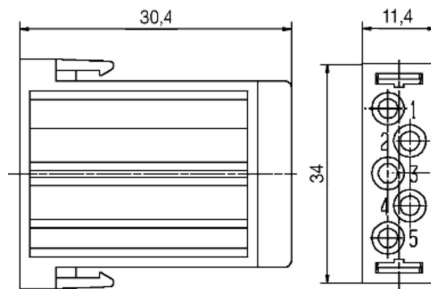
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Drawings



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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 pc(s).	

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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	

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www.weidmueller.com**Accessories****Contact removal tools**

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General ordering data

Type	REMOVAL TOOL CM 5	Version
Order No.	1866720000	Tools, Contact Removal Tool
GTIN (EAN)	4032248437047	
Qty.	1 pc(s).	

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 pc(s).	