Data sheet

HDC CM 3 FC

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

www.weidmueller.com

The module is assembled with HE crimp contacts. The crimp contact features a stainless steel spring. The provides a secure snap-in contact with the module.
A customized contact removal tool is available for removing the contacts.
The power 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.	1758370000
Type	HDC CM 3 FC
GTIN (EAN)	4032248019595
Qty.	10 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	40.4 mm	Height (inches)	1.5905 inch
Width	11.4 mm	Width (inches)	0.4488 inch
Net weight	7.57 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	40.4 mm		

General data

Number of poles	3	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤1 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)	690 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	Screw connection via module frame

Version

Wire connection cross section AWG, max.	AWG 7	Stripping length, rated connection	10 mm
Type of connection	Crimp connection	Volume resistance	≤1 mΩ
Wire connection cross section AWG, min.	AWG 16	Conductor cross-section, max.	10 mm²
Conductor cross-section, min.	1.5 mm²	Basic material	Polycarbonate, glass fibre reinforced

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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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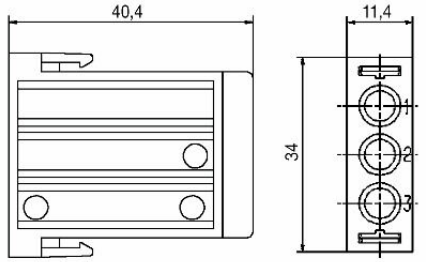
Drawings



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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	
Type	CTX CM 3.6	Version
Order No.	9018480000	Pressing tool, Crimping tool for contacts, 4mm², 10mm², W crimp
GTIN (EAN)	4008190884581	
Qty.	1 ST	

Contact removal tools

Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

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Accessories

General ordering data

Type	REMOVAL TOOL CM 3	Version
Order No.	1866710000	Tools, Contact Removal Tool
GTIN (EAN)	4032248437030	
Qty.	1 ST	

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-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-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-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-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-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	