

HDC CM 2 FS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The CM high-current module is a double module and takes up two slots in the ConCept module frame. The wire is attached with a screw connection. The module can be used simply as a two-pole power module or as a combination of a one-pole power module and a one-pole PE module. The modules feature an integrated module release aid. No additional removal tool is needed.

General ordering data

Version	Heavy-duty connectors, HDC insert, ConCept module
Order No.	1828400000
Type	HDC CM 2 FS
GTIN (EAN)	4032248334629
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	45 mm	Height (inches)	1.772 inch
Width	22.8 mm	Width (inches)	0.898 inch
Net weight	40.6 g		

ConCept Pneumatic module

Colour	black	UL 94 flammability rating	V-0
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Dimensions

Height of socket	45 mm	Total length base	34 mm
Width	22.8 mm		

General data

Colour	black	Free from halogens	false
Insulating material	Polyamide with fibre optic	Insulation strength	10 ¹² Ω
Low smoke acc. DIN EN 45545-2	Yes	Material	Polyamide, glass fibre-reinforced
Number of poles	2	Pollution severity	3
Rated current (DIN EN 61984)	82 A	Rated impulse voltage (DIN EN 61984)	8 kV
Rated voltage (DIN EN 61984)	1,000 V	Series	ConCept module
Surge voltage category	III	Type	Female
Type of connection	Screw connection	UL 94 flammability rating	V-0
Volume resistance	≤1 mΩ		

Connection data PE

Connection type PE	Screw connection via module frame
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Version

Conductor cross-section, max.	25 mm ²	Conductor cross-section, min.	10 mm ²
Material	Polyamide, glass fibre-reinforced	Stripping length, rated connection	16 mm
Type of connection	Screw connection	Volume resistance	≤1 mΩ
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 8

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
REACH SVHC	Lead 7439-92-1

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Technical data

Approvals

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