

HDC CM 1 FS +PE

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.	1828410000
Type	HDC CM 1 FS +PE
GTIN (EAN)	4032248334636
Qty.	5 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	22.8 mm	Width (inches)	0.8976 inch
Net weight	39.78 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f

ConCept Pneumatic module

UL 94 flammability rating	V-0	Colour	red
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Dimensions

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

General data

Number of poles	1	Tightening torque	1.2 Nm
Type of connection	Screw connection	UL 94 flammability rating	V-0
Volume resistance	≤1 mΩ	Colour	red
Insulation resistance	1012 Ω	Insulating material	Polyamide with fibre optic
Type	Female	Surge voltage category	III
Pollution severity	3	Basic material	Polyamide, glass fibre-reinforced
Series	ConCept module	Rated voltage (DIN EN 61984)	1000 V
Rated impulse voltage (DIN EN 61984)	6 kV	Rated current (DIN EN 61984)	82 A
Free from halogens	false	Low smoke acc. DIN EN 45545-2	Yes

Connection data PE

Connection type PE	Screw connection, Screw connection via module frame
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Version

Wire connection cross section AWG, max.	AWG 4	Stripping length, rated connection	16 mm
Type of connection	Screw connection	Volume resistance	≤1 mΩ

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Wire connection cross section AWG, min.	AWG 8	Conductor cross-section, max.	25 mm ²
Conductor cross-section, min.	10 mm ²	Basic material	Polyamide, glass fibre-reinforced

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		