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 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	45.2 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

ConCept Pneumatic module

Colour	red	UL 94 flammability rating	V-0

Dimensions

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

General data

Insulating material	Polyamide with fibre optic	Insulation strength	10^{12} Ω
Material	Polyamide, glass fibre-reinforced	Number of poles	1
Pollution severity	3	Rated current (DIN EN 61984)	82 A
Rated impulse voltage (DIN EN 61984)	6 kV	Rated voltage (DIN EN 61984)	1,000 V
Series	ConCept module	Surge voltage category	III
Type	Female	UL 94 flammability rating	V-0
Volume resistance	≤1 mΩ		

Connection data PE

Connection type PE	Screw connection, Screw connection via module frame

Version

Conductor cross-section, max.	25 mm²	Conductor cross-section, min.	10 mm²
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	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		

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Technical data

Approvals

Approvals	
ROHS	Conform

Downloads

Engineering Data	STEP
Engineering Data	WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN