HDC insert
HDC CM 1 FS +PE

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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

Order No.	1828410000
Type	HDC CM 1 FS +PE
Version	Heavy Duty Connectors, HDC insert, ConCept module
GTIN (EAN)	4032248334636
Qty.	5 pc(s).

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Technical data

Dimensions

Length	34 mm	Width	22.8 mm
Height	45 mm		

Dimensions

Height of socket	45 mm	Total length base	34 mm

General data

Series	ConCept module	Rated voltage (DIN EN 61984)	1,000 V
Rated impulse voltage (DIN EN 61984)	6 kV	Rated current (DIN EN 61984)	82 A
Flammability class UL 94	V-0	Insulation resistance	10^{12} Ω
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	No. of poles	1
Pollution severity	3	Type	Female

Connection data PE

Wire connection cross section AWG, min.	AWG 8	Wire connection cross section AWG, max.	AWG 4
Connection type PE	Screw connection, Screw connection via module frame		

Rating data

Rated current (DIN EN 61984)	82 A	Rated impulse voltage (DIN EN 61984)	6 kV
Rated voltage (DIN EN 61984)	1,000 V		

Version

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

Classifications

ETIM 2.0	EC001121	ETIM 3.0	EC001121
UNSPSC	30-21-18-01	eClass 4.1	27-14-08-05
eClass 5.1	27-14-34-19	eClass 6.0	27-26-12-04
eClass 7.0	27-44-02-05		

Product information

Descriptive text ordering data	
Descriptive text technical data	The modules have a double-module design and occupy two places in the ConCept module frame. Only use the modules with wire-end ferrules! When used properly and as designated, the listed connectors may not be connected or disconnected if there is a live voltage or load!
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

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Technical data

Approvals

Approvals	ME25