

HDC CM HV 3 MC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The CM 3 HV module is an additional trend-setting expansion of the CM3 module line.

The CM 3 HV module is assembled with 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.	1862080000
Type	HDC CM HV 3 MC
GTIN (EAN)	4032248425518
Qty.	10 pc(s).

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	43.5 mm	Height (inches)	1.713 inch
Net weight	8.3 g	Width	11.4 mm
Width (inches)	0.449 inch		

Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
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ConCept Pneumatic module

Colour	beige	UL 94 flammability rating	V-0
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Dimensions

Height of plug	43.5 mm	Total length base	34 mm
Width	11.4 mm		

General data

Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Insulation strength	10 ¹² Ω
Material	Polycarbonate, glass fibre reinforced	Number of poles	3
Pollution severity	3	Rated current (DIN EN 61984)	57 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	Pin	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.	10 mm ²	Conductor cross-section, min.	1.5 mm ²
Material	Polycarbonate, glass fibre reinforced	Stripping length, rated connection	10 mm
Type of connection	Crimp connection	Volume resistance	≤1 mΩ
Wire connection cross section AWG, max.	AWG 7	Wire connection cross section AWG, min.	AWG 16

Classifications

ETIM 6.0	EC000438	ETIM 7.0	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

Data sheet**HDC CM HV 3 MC**

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Technical data**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E92202

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	STEP
Engineering Data	WSCAD

Data sheet

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Drawings

