

HDC CM HV 3 FC**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.	1862060000
Type	HDC CM HV 3 FC
GTIN (EAN)	4032248425495
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	43 mm	Height (inches)	1.693 inch
Width	11.4 mm	Width (inches)	0.449 inch
Net weight	7.6 g		

ConCept Pneumatic module

Colour	beige	UL 94 flammability rating	V-0
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Dimensions

Height of socket	43 mm	Total length base	34 mm
Width	11.4 mm		

General data

Colour	beige	Free from halogens	false
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Insulation strength	10 ¹² Ω
Low smoke acc. DIN EN 45545-2		Material	Polycarbonate, glass fibre reinforced
Number of poles	Yes	Pollution severity	3
Rated current (DIN EN 61984)	3	Rated impulse voltage (DIN EN 61984)	8 kV
Rated voltage (DIN EN 61984)	57 A	Series	ConCept module
Surge voltage category	1,000 V	Type	Female
Type of connection	III	UL 94 flammability rating	V-0
Volume resistance	Crimp connection		
	≤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
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		

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www.weidmueller.com**Technical data****Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cULus)	E92202

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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Drawings

