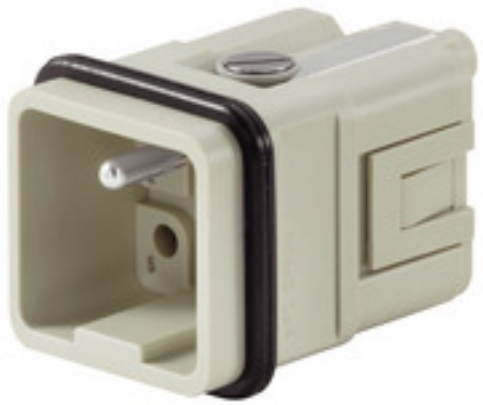
HDC HQ 5 MC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



A small unit that packs a big punch. The electrical values speak for themselves. Proven HE crimp contacts can also be used here.

Number of poles: **5 (+PE)**
Rated current: **16 A**
Rated voltage: **250 V**
Rated voltage acc. to UL/CSA: **600 V AC/DC**
Crimp connection

General ordering data

Version	HDC insert, Male, 250 V, 16 A, Number of poles: 5, Crimp connection, Size: 1
Order No.	1912440000
Type	HDC HQ 5 MC
GTIN (EAN)	4032248542031
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	21 mm	Depth (inches)	0.827 inch
Height	40 mm	Height (inches)	1.575 inch
Width	21 mm	Width (inches)	0.827 inch
Net weight	12.2 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Dimensions

Height of plug	40 mm	Total length base	21 mm
Width	21 mm		

General data

BG	1	Colour	beige
Free from halogens	false	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Insulating material group	IIIa	Insulation strength	10^{10} Ω
Low smoke acc. DIN EN 45545-2	Yes	Material	Copper alloy
Number of poles	5	Plugging cycles, gold	≥ 500
Plugging cycles, silver	≥ 500	Pollution severity	3
Rated current (DIN EN 61984)	16 A	Rated impulse voltage (DIN EN 61984)	6 kV
Rated voltage (DIN EN 61984)	250 V	Rated voltage according to UL/CSA	600 V AC/DC
Series	HQ	Size	1
Type	Male	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤2 mΩ

Connection data PE

Blade size, slotted (PE connection)	SD 0.6 x 3.5	Connection type PE	Screw connection
Fixing screw	M 3	Rated cross-section	2.5 mm²
Stripping length PE connection	10 mm	Tightening torque, max. PE connection	0.55 Nm
Tightening torque, min. PE connection	0.5 Nm	Wire cross section, AWG (PE), max.	AWG 14
Wire cross section, AWG (PE), min.	AWG 20		

Version

BG	1	Conductor cross-section, max.	4 mm²
Conductor cross-section, min.	0.5 mm²	Material	Copper alloy
Size	1	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Volume resistance	≤2 mΩ
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	2.5 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²

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Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	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		

Substance	Acetone
Chemical resistance	Resistant
Substance	Ammonia, watery
Chemical resistance	Conditionally resistant
Substance	Petrol
Chemical resistance	Resistant
Substance	Benzene
Chemical resistance	Resistant
Substance	Diesel oil
Chemical resistance	Conditionally resistant
Substance	Acetic acid, concentrated
Chemical resistance	Resistant
Substance	Potassium hydroxide
Chemical resistance	Conditionally resistant
Substance	Methanol
Chemical resistance	Conditionally resistant
Substance	Motor oil
Chemical resistance	Conditionally resistant
Substance	Lye, diluted
Chemical resistance	Resistant
Substance	Hydrochlorofluorocarbons
Chemical resistance	Conditionally resistant
Substance	Outdoor use
Chemical resistance	Conditionally resistant

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	b67daa31-7dca-434d-8290-da7fb52f83a2
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@1d10169d de.myview.objectmodel.impl.BlockImpl@573ac765 de.myview.objectmodel.impl.BlockImpl@8a0ee55 de.myview.objectmodel.impl.BlockImpl@3d701dbf de.myview.objectmodel.impl.BlockImpl@20c95072 de.myview.objectmodel.impl.BlockImpl@2149aae1 de.myview.objectmodel.impl.BlockImpl@2e943adb de.myview.objectmodel.impl.BlockImpl@13344753 de.myview.objectmodel.impl.BlockImpl@7994cf87 de.myview.objectmodel.impl.BlockImpl@15e66cf6 de.myview.objectmodel.impl.BlockImpl@1a2bde73 de.myview.objectmodel.impl.BlockImpl@2b940cba
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings