

## HDC insert HDC HQ 5 MC

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

Type	HDC HQ 5 MC
Order No.	<a href="#">1912440000</a>
Version	HDC insert, Pin, 250 V, 16 A, Number of poles: 5, Crimp connection, Size: 1
GTIN (EAN)	4032248542031
Qty.	1 pc(s).

Creation date September 7, 2020 10:59:14 AM CEST

Catalogue status 05.09.2020 / We reserve the right to make technical changes.

**HDC insert  
HDC HQ 5 MC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technical data****Dimensions and weights**

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

**Temperatures**

Limit temperature	-40 °C ... 125 °C
-------------------	-------------------

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
------------	--

**Dimensions**

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

**General data**

Insulating material	PC glass-fibre reinforced (UL-listed and railway- certified)	Insulating material group	IIIa
Insulation strength	10 <sup>10</sup> Ω	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	Pin
UL 94 flammability rating	V-0	Volume resistance	≤ 2mΩ

**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 mm <sup>2</sup>
Stripping length PE connection	10 mm	Tightening torque, max. PE connection	0.55 Nm
Tightening torque, min. PE connection	0.5 Nm	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire cross section, AWG (PE), max.	AWG 14
Wire cross section, AWG (PE), min.	AWG 20		

## HDC insert HDC HQ 5 MC

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Technical data

### Version

Conductor cross-section, max.	4 mm <sup>2</sup>	Conductor cross-section, min.	0.5 mm <sup>2</sup>
Size	1	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Volume resistance	≤ 2mΩ
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 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

### 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	UNSPSC	30-21-18-01

### Approvals

Approvals



ROHS

Conform

### Downloads

Brochure/Catalogue	<a href="#">CAT 3 HDC 17/18 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>

**Data sheet**

**HDC insert  
HDC HQ 5 MC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

