

**HDC HQ 12 MC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The HQ series - big features in a compact design. The electrical characteristics speak for themselves. The wire connection level is designed for crimp contacts. The proven crimp connection method has been in standard use for decades. Crimp contacts are not included in the scope of delivery of inserts.

**General ordering data**

Version	HDC insert, Male, 400 V, 10 A, Number of poles: 12, Crimp connection, Installation size: 1
Order No.	<a href="#">1993810000</a>
Type	HDC HQ 12 MC
GTIN (EAN)	4050118378887
Qty.	10 items

**HDC HQ 12 MC**

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

www.weidmueller.com

**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Depth	21 mm	Depth (inches)	0.8268 inch
Height	40.3 mm	Height (inches)	1.5866 inch
Width	21 mm	Width (inches)	0.8268 inch
Net weight	12 g		

**Temperatures**

Limit temperature -40 °C ... 120 °C

**Environmental Product Compliance**

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

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

**Dimensions**

Width 21 mm

**General data**

Number of poles	12	Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500	Type of connection	Crimp connection
Installation size	1	UL 94 flammability rating	V-0
Colour	black	Insulating material	PA GF

## HDC HQ 12 MC

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

Tightening torque, max. PE connection	0.7 Nm	Type	Male
Pollution severity	3	Tightening torque, min. PE connection	0.5 Nm
Series	HQ	Rated voltage (DIN EN 61984)	400 V
Rated impulse voltage (DIN EN 61984)	6 kV	Rated current (DIN EN 61984)	10 A
Free from halogens	false	Low smoke acc. DIN EN 45545-2	Yes
BG	1	Number of signal contacts	12
Signal contact, type	HD	Protection degree	IP65 with corresponding housing

### Connection data PE

Connection type PE	Screw connection	Tightening torque, max. PE connection	0.7 Nm
Tightening torque, min. PE connection	0.5 Nm		

### Version

Type of connection	Crimp connection	Installation size	1
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>
Conductor cross-section, max.	2.5 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
BG	1		

### Classifications

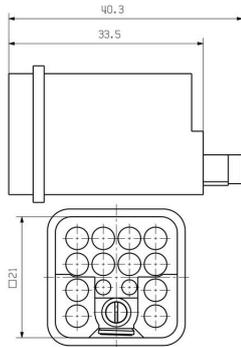
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

**HDC HQ 12 MC**

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

**Drawings**

[www.weidmueller.com](http://www.weidmueller.com)



## HDC HQ 12 MC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Crimp contacts HD



Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

## General ordering data

Type	HDC-C-HD-SM0.14-0.37AG	Version
Order No.	<a href="#">1651520000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400194	Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.14-0.37AU	Version
Order No.	<a href="#">1651620000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400293	Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.5AG	Version
Order No.	<a href="#">1651530000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400200	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.5AU	Version
Order No.	<a href="#">1651630000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400309	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.75-1.00AG	Version
Order No.	<a href="#">1601750000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190134280	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.75-1.00AU	Version
Order No.	<a href="#">1651640000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400316	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM1.5AG	Version
Order No.	<a href="#">1651550000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400224	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM1.5AU	Version
Order No.	<a href="#">1651650000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400323	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	