

**HDC HQM ALU****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection. The HQ version now offers particular protection - the bulkhead housing (cover and metal clamp) can be secured with a padlock.

**General ordering data**

Version	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	<a href="#">1003050000</a>
Type	HDC HQM ALU
GTIN (EAN)	4032248697984
Qty.	1 pc(s).

## HDC HQM ALU

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## Technical data

## Dimensions and weights

Height	42 mm	Height (inches)	1.654 inch
Width	35 mm	Width (inches)	1.378 inch
Mounting dimension - height	13 mm	Mounting dimension - width	32 mm
Net weight	62 g		

## Temperatures

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

Height of housing B	21 mm	Hole pitch length A2	32 mm
Total length housing	46 mm	Width housing C	29 mm

## General data

EMC housings	Yes	Housing main material	Zinc diecast
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Series	HQ	Surface finish	nickel-plated

## Version

BG	HQ	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7001	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side
Sealing	NBR	Size	HQ
Suitable for ModuPlug®	No	Top part/bottom part/lid	lower part
Type	Bulkhead (feed-through)		

## Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ECLASS 9.0	27-44-02-02	ECLASS 9.1	27-44-02-02
ECLASS 10.0	27-44-02-02	ECLASS 11.0	27-44-02-02
ECLASS 12.0	27-44-02-02	ECLASS 13.0	27-44-02-02

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Resistant
Substance	Hydraulic oil

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Chemical resistance	Resistant
Substance	Coolant
Chemical resistance	Resistant
Substance	Petroleum benzine
Chemical resistance	Resistant
Substance	Sweat
Chemical resistance	Resistant
Substance	Premium gasoline
Chemical resistance	Conditionally resistant
Substance	Water
Chemical resistance	Resistant
Substance	UV
Chemical resistance	Unstable
Substance	Ozone
Chemical resistance	Unstable

## Environmental Product Compliance

REACH SVHC

/

Chemical resistance

de.myview.objectmodel.impl.BlockImpl@6bfffed4 de.myview.objectmodel.impl.BlockImpl@14e420d6  
 de.myview.objectmodel.impl.BlockImpl@6cb36f8a de.myview.objectmodel.impl.BlockImpl@4b44c2ed  
 de.myview.objectmodel.impl.BlockImpl@5fd98c0f de.myview.objectmodel.impl.BlockImpl@6a0ef5b2  
 de.myview.objectmodel.impl.BlockImpl@1d360846 de.myview.objectmodel.impl.BlockImpl@7088e2a7  
 de.myview.objectmodel.impl.BlockImpl@63a2a14d de.myview.objectmodel.impl.BlockImpl@7e1c7bee  
 de.myview.objectmodel.impl.BlockImpl@53452853 de.myview.objectmodel.impl.BlockImpl@64ef7546  
 de.myview.objectmodel.impl.BlockImpl@12b1085f

## Important note

Product information

When mounting the housings, make sure that the flat gasket is correctly seated.

## Approvals

Approvals



ROHS

Conform

UL File Number Search

UL Website

Certificate no. (cULus)

E316369

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

### HDC HQM ALU

**Weidmüller Interface GmbH & Co. KG**

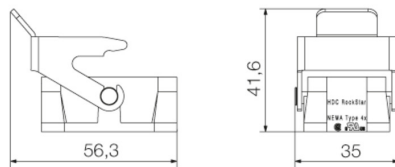
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## Drawings



## HDC HQM ALU

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## Accessories

## 8-pole



A small size but quite big. The electrical values speak for themselves. Proven HE crimp contacts can also be used here.

Pole count: **8 (+PE)**Rated current: **16 A**Rated voltage: **500 V**Nominal voltage acc. to UL/CSA: **600 V AC/DC**

Crimp connection

## General ordering data

Type	HDC HQ 8 MC	Version
Order No.	<a href="#">1919970000</a>	HDC insert, Male, 500 V, 16 A, Number of poles: 8, Crimp connection,
GTIN (EAN)	4032248557943	Size: HQ
Qty.	1 pc(s).	
Type	HDC HQ 8 FC	Version
Order No.	<a href="#">1919980000</a>	HDC insert, Female, 500 V, 16 A, Number of poles: 8, Crimp
GTIN (EAN)	4032248557950	connection, Size: HQ
Qty.	1 pc(s).	

## 17-pole



The HQ series - big features in a compact design The electrical values speak for themselves. The standard HE crimp contacts can also be used here.

The wire connection level is designed as a crimp contact The established crimp connection has been used as a standard for decades.

Crimp contacts are not delivered with the inserts.

Pole count: **17 (+PE)**Rated current: **10 A**Rated voltage **250 V**Nominal voltage acc. to UL/CSA: **600 V AC/DC**

Crimp connection

## General ordering data

Type	HDC HQ 17 FC	Version
Order No.	<a href="#">1003200000</a>	HDC insert, Female, 250 V, 10 A, Number of poles: 17, Crimp
GTIN (EAN)	4032248698196	connection, Size: HQ
Qty.	1 pc(s).	
Type	HDC HQ 17 MC	Version
Order No.	<a href="#">1003210000</a>	HDC insert, Male, 250 V, 10 A, Number of poles: 17, Crimp
GTIN (EAN)	4032248698202	connection, Size: HQ
Qty.	1 pc(s).	

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## Accessories

## Plug housing, cable entry at top



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## General ordering data

Type	HDC HQP TOLU 1PG16	Version
Order No.	<a href="#">1003070000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on
GTIN (EAN)	4032248698004	lower side, Standard, Size of cable entries: PG 16
Qty.	1 pc(s).	

## 4/2-pole



The HQ series - big features in a compact design. The electrical characteristics speak for themselves. You can also use the proven HD and HX crimp contacts here.

The wire connection level is designed for crimp contacts. The proven crimp connection has been in standard use for decades.

Crimp contacts are not included in the scope of delivery of inserts.

Pole count: **4/2 (+PE)**

Rated current: **40/10 A**

Rated voltage: **690 / 250 V**

Rated voltage acc. to UL/CSA: **600 V AC/DC**

Crimp connection

## General ordering data

Type	HDC HQ 4/2 MC	Version
Order No.	<a href="#">1003170000</a>	HDC insert, Male, 690 V, 40 A, Number of poles: 6, Crimp connection,
GTIN (EAN)	4032248698165	Size: HQ
Qty.	1 pc(s).	
Type	HDC HQ 4/2 FC	Version
Order No.	<a href="#">1003160000</a>	HDC insert, Female, 690 V, 40 A, Number of poles: 6, Crimp connection, Size: HQ
GTIN (EAN)	4032248698158	
Qty.	1 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Plug housing, cable entry at top**

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**General ordering data**

Type	HDC HQM TOLU 1PG21	Version
Order No.	<a href="#">1003080000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on
GTIN (EAN)	4032248698011	lower side, Standard, Size of cable entries: PG 21
Qty.	1 pc(s).	



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Plug housing, cable entry sideways**

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**General ordering data**

Type	HDC HQM TSLU 1PG21	Version	
Order No.	<a href="#">1003100000</a>		HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248698035		condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).		lower side, Standard, Size of cable entries: PG 21

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## Accessories

## Plug housing, cable entry sideways



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## General ordering data

Type	HDC HQP TSLU 1PG16	Version
Order No.	<a href="#">1003090000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on
GTIN (EAN)	4032248698028	lower side, Standard, Size of cable entries: PG 16
Qty.	1 pc(s).	

## Cover



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## General ordering data

Type	HDC HQP DOD 2BO CS	Version
Order No.	<a href="#">1251670000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on
GTIN (EAN)	4050118052329	lower side
Qty.	1 pc(s).	

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

Type	HDC HQP DMD 2BO CS	Version
Order No.	<a href="#">1251660000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side
GTIN (EAN)	4050118052312	
Qty.	1 pc(s).	
Type	HDC HQP DMD 2BO	Version
Order No.	<a href="#">1003130000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4032248698066	
Qty.	1 pc(s).	
Type	HDC HQP DOD 2BO	Version
Order No.	<a href="#">1003140000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4032248698073	
Qty.	1 pc(s).	