

**HDC HQP ALU CS****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="#">1354950000</a>
Type	HDC HQP ALU CS
GTIN (EAN)	4050118157215
Qty.	1 pc(s).

## HDC HQP ALU CS

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## Technical data

## Dimensions and weights

Depth	67 mm	Depth (inches)	2.638 inch
Height	41 mm	Height (inches)	1.614 inch
Width	35 mm	Width (inches)	1.378 inch
Mounting dimension - height	13 mm	Mounting dimension - width	32 mm
Net weight	27 g		

## Temperatures

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

Height of housing B	20 mm	Hole pitch length A2	32 mm
Total length housing	46 mm	Width housing C	29 mm

## General data

EMC housings	No	Housing main material	Plastic
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Series	HQ	UL 94 flammability rating	V-0

## Version

BG	HQ	Clamp version	Side-locking clamp
Colour (RAL)	RAL 1001	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

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Substance	Hydraulic oil
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	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@4b5a1f99 de.myview.objectmodel.impl.BlockImpl@a0338c4 de.myview.objectmodel.impl.BlockImpl@3c171825 de.myview.objectmodel.impl.BlockImpl@648b1682 de.myview.objectmodel.impl.BlockImpl@7fb66b5d de.myview.objectmodel.impl.BlockImpl@6c60a977 de.myview.objectmodel.impl.BlockImpl@68b252ee de.myview.objectmodel.impl.BlockImpl@54b1767c de.myview.objectmodel.impl.BlockImpl@18110334 de.myview.objectmodel.impl.BlockImpl@71d32a50 de.myview.objectmodel.impl.BlockImpl@b8c23a6 de.myview.objectmodel.impl.BlockImpl@54d1b63d de.myview.objectmodel.impl.BlockImpl@44c91730

## Important note

Product information	The HQ version now offers particular protection - the bulkhead housing (cover and metal clamp) can be secured with a padlock.
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## Approvals

Approvals



ROHS	Conform
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## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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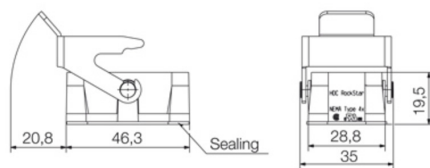
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## Drawings



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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).	

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

## HDC HQP ALU CS

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## Accessories

## Cover



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## General ordering data

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).	
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 lower side
GTIN (EAN)	4050118052329	
Qty.	1 pc(s).	

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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 lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4032248698028	
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 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).	
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, Size: HQ
GTIN (EAN)	4032248698165	
Qty.	1 pc(s).	

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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).	

## 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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[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).	