

## HDC HQP KOLU 1PG16

**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), Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16
Order No.	<a href="#">1003120000</a>
Type	HDC HQP KOLU 1PG16
GTIN (EAN)	4032248698059
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	67 mm	Depth (inches)	2.638 inch
Height	85 mm	Height (inches)	3.346 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	42 g		

## Temperatures

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

Cable entry	w. thread	Height of housing B	64 mm
Total length housing	45 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	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 1001
Design	Standard	Design of housing	Coupling housing
Design of locking system	Side-locking clamp on lower side	External thread	PG 16
Number of cable entry on top	1	Number of cable entry sideways	0
Size	HQ	Size of cable entries	PG 16
Suitable for ModuPlug®	No	Top part/bottom part/lid	lower part
Type	coupling extension		

## 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

Creation date June 5, 2024 2:48:54 PM CEST

Catalogue status 01.06.2024 / We reserve the right to make technical changes.

2

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## Technical data

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@160a4495 de.myview.objectmodel.impl.BlockImpl@684af6c4 de.myview.objectmodel.impl.BlockImpl@32bae831 de.myview.objectmodel.impl.BlockImpl@7619a5a0 de.myview.objectmodel.impl.BlockImpl@32f3691a de.myview.objectmodel.impl.BlockImpl@d305556 de.myview.objectmodel.impl.BlockImpl@682edfa1 de.myview.objectmodel.impl.BlockImpl@53a143a1 de.myview.objectmodel.impl.BlockImpl@7a335b76 de.myview.objectmodel.impl.BlockImpl@75a63b83 de.myview.objectmodel.impl.BlockImpl@6b6b2141 de.myview.objectmodel.impl.BlockImpl@320ecbc6 de.myview.objectmodel.impl.BlockImpl@5286ce1a

## Approvals

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</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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3

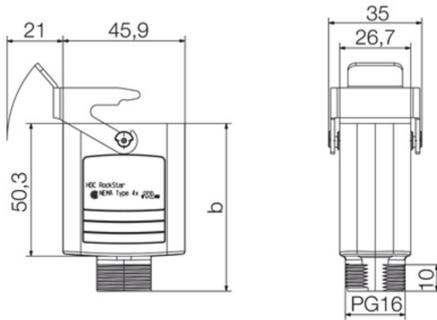
**Data sheet**

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**Drawings**



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## Accessories

## 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).	

## 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).	

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## Accessories

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).	
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).	

## 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).	

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## 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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## 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 condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4032248698035	
Qty.	1 pc(s).	

### 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, Size: HQ
GTIN (EAN)	4032248557943	
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 connection, Size: HQ
GTIN (EAN)	4032248557950	
Qty.	1 pc(s).	

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**Accessories****HQ version for HDC**

In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications. The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure. Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

**General ordering data**

Type	VG 16 HQ K68 11.5-15.5	Version
Order No.	<a href="#">1016080000</a>	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248725533	
Qty.	1 pc(s).	
Type	VG16 HQ K68 11,5-15,5SH	Version
Order No.	<a href="#">1045540000</a>	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248779444	
Qty.	1 pc(s).	
Type	VG16 HQ K68 9-12SH	Version
Order No.	<a href="#">1045530000</a>	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248779437	
Qty.	50 pc(s).	
Type	VG 16 HQ K68 9-13	Version
Order No.	<a href="#">1016070000</a>	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248725526	
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 connection, Size: HQ
GTIN (EAN)	4032248698196	
Qty.	1 pc(s).	

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## Accessories

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).	

### 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
GTIN (EAN)	4032248698004	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 16