

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

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E92202

**Dimensions and weights**

Depth	35 mm	Depth (inches)	1.378 inch
Height	54 mm	Height (inches)	2.126 inch
Width	48 mm	Width (inches)	1.8898 inch
Length	48 mm	Length (inches)	1.8898 inch
Net weight	23.76 g		

**Temperatures**

Limit temperature	-40 °C ... 125 °C
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**Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310

Chemical resistance	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
	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	

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**Dimensions**

Cable entry	w. thread	Width housing C	28.8 mm
Total length housing	48 mm	Height of housing B	67 mm

**General data**

UL 94 flammability rating	V-0	Surface finish	untreated
Protection degree	IP65, in plugged condition	Series	HQ

**Version**

Number of cable glands	0	Size of cable entries	PG 16
Top part/bottom part/lid	upper part	Cover	without cover
Number of cable entry on top	1	Number of cable entry sideways	0
Design of housing	Cable entry from top, Plug housing	Design of locking system	Side-locking clamp on lower side
Design	Standard	Installation size	HQ
Cable entry	w. thread	Type	Plug
Clamp version	Side-locking clamp	Sealing	no sealing
External thread	PG 16	Colour (RAL)	RAL 1001
BG	HQ	Suitable for ModuPlug®	No

**Classifications**

ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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## Accessories

### Bulkhead housing



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### General ordering data

Type	HDC HQP ALU	Version
Order No.	<a href="#">1003040000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248697977	plugged condition, Bulkhead housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: none
Type	HDC HQP ALU CS	Version
Order No.	<a href="#">1354950000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4050118157215	plugged condition, Bulkhead housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: none

### Angled bulkhead housing



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## Accessories

## General ordering data

Type	HDC HQP AWLU	Version
Order No.	<a href="#">1003060000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard, Size of cable entries: none
GTIN (EAN)	4032248697991	
Qty.	1 ST	

## Base housing



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## General ordering data

Type	HDC HQP SLU 1PG16	Version
Order No.	<a href="#">1003110000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4032248698042	
Qty.	1 ST	

## Coupling housing



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### General ordering data

Type	HDC HQP KOLU 1PG16	Version	
Order No.	<a href="#">1003120000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in	
GTIN (EAN)	4032248698059	plugged condition, Coupling housing, Side-locking clamp on lower	
Qty.	1 ST	side, Standard, Size of cable entries: PG 16	

### Bulkhead housing



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### General ordering data

Type	HDC HQM ALU	Version	
Order No.	<a href="#">1003050000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in	
GTIN (EAN)	4032248697984	plugged condition, Bulkhead housing, Side-locking clamp on lower	
Qty.	1 ST	side, Standard, Size of cable entries: none	
Type	HDC HQM ALU CS	Version	
Order No.	<a href="#">1251680000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in	
GTIN (EAN)	4050118051803	plugged condition, Bulkhead housing, Side-locking clamp on lower	
Qty.	1 ST	side, Standard, Size of cable entries: none	

### 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

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## Accessories

## 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, Installation size: HQ
GTIN (EAN)	4032248698196	
Qty.	1 ST	
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, Installation size: HQ
GTIN (EAN)	4032248698202	
Qty.	1 ST	

## 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

## 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, Installation size: HQ
GTIN (EAN)	4032248698158	
Qty.	1 ST	
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, Installation size: HQ
GTIN (EAN)	4032248698165	
Qty.	1 ST	

## 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

## 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, Installation size: HQ
GTIN (EAN)	4032248557943	
Qty.	1 ST	

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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, Installation size: HQ
GTIN (EAN)	4032248557950	
Qty.	1 ST	

**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 4-6.5	Version
Order No.	<a href="#">2715990000</a>	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4050118769821	
Qty.	1 ST	
Type	VG 16 HQ K68 6.5-9.5	Version
Order No.	<a href="#">1273890000</a>	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4050118063233	
Qty.	1 ST	
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 ST	
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 ST	
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 ST	
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 ST	

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## Counterpart

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GTIN (EAN)	4032248697977	plugged condition, Bulkhead housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: none
Type	HDC HQP ALU CS	Version
Order No.	<a href="#">1354950000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4050118157215	plugged condition, Bulkhead housing, Side-locking clamp on lower
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Qty.	1 ST	side, Standard, Size of cable entries: none
Type	HDC HQM ALU CS	Version
Order No.	<a href="#">1251680000</a>	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4050118051803	plugged condition, Bulkhead housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: none