

## HDC HQM TSLU 1PG21

**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.

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

## HDC HQM TSLU 1PG21

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## Technical data

## Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Height	61 mm	Height (inches)	2.402 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	168 g		

## Temperatures

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

Cable entry	w. thread	Height of housing B	61 mm
Total length housing	50 mm	Width housing C	29 mm

## General data

EMC housings	Yes	Housing main material	Zinc diecast
Protection degree	IP65 (in plugged condition)	Series	HQ
Surface finish	nickel-plated		

## Version

BG	HQ	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7001
Design	Standard	Design of housing	Cable entry from side, Plug housing
Design of locking system	Side-locking clamp on lower side	External thread	PG 21
Number of cable entry on top	0	Number of cable entry sideways	1
Size	HQ	Size of cable entries	PG 21
Suitable for ModuPlug®	No	Top part/bottom part/lid	upper part
Type	Plug		

## 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

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**Technical data**

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

**Environmental Product Compliance**

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@775bb4d de.myview.objectmodel.impl.BlockImpl@2515c20a de.myview.objectmodel.impl.BlockImpl@5c603f0e de.myview.objectmodel.impl.BlockImpl@4578d09f de.myview.objectmodel.impl.BlockImpl@6ffdb4ae de.myview.objectmodel.impl.BlockImpl@64f33ec9 de.myview.objectmodel.impl.BlockImpl@3936f516 de.myview.objectmodel.impl.BlockImpl@3ac93687 de.myview.objectmodel.impl.BlockImpl@3893bdb4 de.myview.objectmodel.impl.BlockImpl@45ebd919 de.myview.objectmodel.impl.BlockImpl@4b7b1af7 de.myview.objectmodel.impl.BlockImpl@38f57011 de.myview.objectmodel.impl.BlockImpl@1dae14a6

**Important note**

Product information	The HQ metal housings have an internal plastic insert which ensures that the electrical conductor is not directly connected to the metal housing. The housing is therefore insulated.
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**Approvals**

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E316369

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**Technical data****Downloads**

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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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## Accessories

### Bulkhead housing



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### General ordering data

Type	HDC HQP ALU	Version
Order No.	<a href="#">1003040000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4032248697977	Standard
Qty.	1 pc(s).	
Type	HDC HQP ALU CS	Version
Order No.	<a href="#">1354950000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4050118157215	Standard
Qty.	1 pc(s).	

### 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 21 HQ MS68 11.5-15.5	Version
Order No.	<a href="#">1016100000</a>	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725564	
Qty.	1 pc(s).	
Type	VG 21 HQ MS68 9-13	Version
Order No.	<a href="#">1016090000</a>	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725540	
Qty.	1 pc(s).	

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## Accessories

Type	VG 21 HQ MS68 14-18	Version
Order No.	<a href="#">1016110000</a>	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725588	
Qty.	1 pc(s).	

## Angled bulkhead housing



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## General ordering data

Type	HDC HQP AWLU	Version
Order No.	<a href="#">1003060000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4032248697991	
Qty.	1 pc(s).	Standard

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## Accessories

### Coupling housing



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### General ordering data

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

### Bulkhead housing



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### General ordering data

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

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## Accessories

Type	HDC HQM ALU CS	Version
Order No.	<a href="#">1251680000</a>	HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4050118051803	
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, Size: HQ
GTIN (EAN)	4032248698165	
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).	

## 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).	

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## Accessories

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).	

## 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 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).	

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).	

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## Accessories

### Base housing



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### General ordering data

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

### EMC Brass half gland HQ version for HDC



The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

### General ordering data

Type	VG 21 HQ EMV68 11-15.5	Version
Order No.	<a href="#">1016120000</a>	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725595	
Qty.	1 pc(s).	
Type	VG 21 HQ EMV68 14-18	Version
Order No.	<a href="#">1016130000</a>	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725601	
Qty.	1 pc(s).	