

HDC HQP TOLU 1PG16**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

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), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16
Order No.	1003070000
Type	HDC HQP TOLU 1PG16
GTIN (EAN)	4032248698004
Qty.	1 pc(s).

HDC HQP TOLU 1PG16

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Technical data

Dimensions and weights

Depth	48 mm	Depth (inches)	1.89 inch
Height	67 mm	Height (inches)	2.638 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	27 g		

Temperatures

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

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

General data

EMC housings	No	Housing main material	Plastic
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	Cable entry from top, Plug 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	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
ECLASS 14.0	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

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Technical data

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

Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@5f338dcf de.myview.objectmodel.impl.BlockImpl@2460d7c9 de.myview.objectmodel.impl.BlockImpl@5c1ccfaa de.myview.objectmodel.impl.BlockImpl@5ccc545e de.myview.objectmodel.impl.BlockImpl@1f52e7fd de.myview.objectmodel.impl.BlockImpl@3daea541 de.myview.objectmodel.impl.BlockImpl@7f55cc1 de.myview.objectmodel.impl.BlockImpl@392596c5 de.myview.objectmodel.impl.BlockImpl@31c0e313 de.myview.objectmodel.impl.BlockImpl@790cccc7 de.myview.objectmodel.impl.BlockImpl@54b28473 de.myview.objectmodel.impl.BlockImpl@41b4b39e de.myview.objectmodel.impl.BlockImpl@775a18c0
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



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

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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 HQP TOLU 1PG16**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Bulkhead housing**

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

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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

Type	HDC HQP ALU CS	Version
Order No.	1354950000	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).	
Type	HDC HQP ALU	Version
Order No.	1003040000	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).	

HDC HQP TOLU 1PG16**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Angled bulkhead housing**

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General ordering data

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

HDC HQP TOLU 1PG16**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Base housing**

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General ordering data

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

Bulkhead housing

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General ordering data

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

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Accessories

Type	HDC HQM ALU CS	Version
Order No.	1251680000	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).	

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 11.5-15.5SH	Version
Order No.	1045540000	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248779444	
Qty.	1 pc(s).	
Type	VG 16 HQ K68 9-13	Version
Order No.	1016070000	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248725526	
Qty.	1 pc(s).	
Type	VG 16 HQ K68 9-12SH	Version
Order No.	1045530000	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248779437	
Qty.	50 pc(s).	
Type	VG 16 HQ K68 6.5-9.5	Version
Order No.	1273890000	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4050118063233	
Qty.	1 pc(s).	
Type	VG 16 HQ K68 11.5-15.5	Version
Order No.	1016080000	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248725533	
Qty.	1 pc(s).	
Type	VG 16 HQ K68 4-6.5	Version
Order No.	2715990000	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4050118769821	
Qty.	1 pc(s).	

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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 MC	Version
Order No.	1003170000	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.	1003160000	HDC insert, Female, 690 V, 40 A, Number of poles: 6, Crimp
GTIN (EAN)	4032248698158	connection, Size: HQ
Qty.	1 pc(s).	

Coupling housing



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General ordering data

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

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www.weidmueller.com**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 FC	Version
Order No.	1919980000	HDC insert, Female, 500 V, 16 A, Number of poles: 8, Crimp connection, Size: HQ
GTIN (EAN)	4032248557950	
Qty.	1 pc(s).	
Type	HDC HQ 8 MC	Version
Order No.	1919970000	HDC insert, Male, 500 V, 16 A, Number of poles: 8, Crimp connection, Size: HQ
GTIN (EAN)	4032248557943	
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.	1003200000	HDC insert, Female, 250 V, 10 A, Number of poles: 17, Crimp connection, Size: HQ
GTIN (EAN)	4032248698196	
Qty.	1 pc(s).	
Type	HDC HQ 17 MC	Version
Order No.	1003210000	HDC insert, Male, 250 V, 10 A, Number of poles: 17, Crimp connection, Size: HQ
GTIN (EAN)	4032248698202	
Qty.	1 pc(s).	