

HDC HQP SLU 1PG16

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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, Installation size: HQ, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16
Order No.	1003110000
Type	HDC HQP SLU 1PG16
GTIN (EAN)	4032248698042
Qty.	1 items

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	67 mm	Depth (inches)	2.6378 inch
Height	76 mm	Height (inches)	2.9921 inch
Width	37 mm	Width (inches)	1.4567 inch
Length	37 mm	Length (inches)	1.4567 inch
Mounting dimension - width	38 mm	Net weight	36.08 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

Hole pitch length A2	38 mm
Width housing C	33 mm
Total length housing	37 mm
Height of base B1	3.5 mm

Cable entry	w. thread
Width base C1	47 mm
Height of housing B	55 mm

General data

UL 94 flammability rating	V-0
Protection degree	IP65, in plugged condition
EMC housings	No

Housing main material	Plastic
Series	HQ
Material of locking element	Stainless steel, rust-proof

Version

Number of cable glands	0
Top part/bottom part/lid	lower part
Number of cable entry on top	0
Design of housing	Base housing
Design	Standard
Cable entry	w. thread
Clamp version	Side-locking clamp
External thread	PG 16
BG	HQ

Size of cable entries	PG 16
Cover	without cover
Number of cable entry sideways	1
Design of locking system	Side-locking clamp on lower side
Installation size	HQ
Type	Base housing
Sealing	no sealing
Colour (RAL)	RAL 1001
Suitable for ModuPlug®	No

Classifications

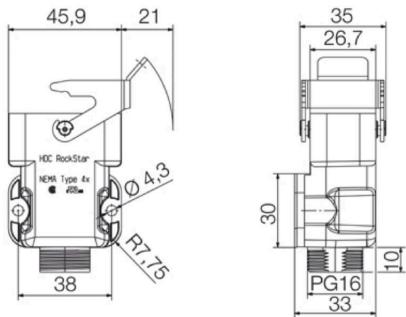
ETIM 8.0	EC000437
ETIM 10.0	EC000437
ECLASS 15.0	27-44-02-02

ETIM 9.0	EC000437
ECLASS 14.0	27-44-02-02

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Drawings

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Accessories

Cover



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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 DMD 2BO	Version
Order No.	1003130000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248698066	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: none
Type	HDC HQP DOD 2BO	Version
Order No.	1003140000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248698073	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: none
Type	HDC HQP DMD 2BO CS	Version
Order No.	1251660000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4050118052312	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on lower side, , Size of cable entries: none
Type	HDC HQP DOD 2BO CS	Version
Order No.	1251670000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4050118052329	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on lower side, , Size of cable entries: none

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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.	1003090000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248698028	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 16

Plug housing, cable entry at top



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General ordering data

Type	HDC HQP TOLU 1PG16	Version
Order No.	1003070000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248698004	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 16

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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.	100310000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248698035	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 21

Plug housing, cable entry at top



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General ordering data

Type	HDC HQM TOLU 1PG21	Version
Order No.	100308000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248698011	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 21

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Accessories

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
GTIN (EAN)	4032248698196	connection, Installation size: HQ
Qty.	1 ST	
Type	HDC HQ 17 MC	Version
Order No.	1003210000	HDC insert, Male, 250 V, 10 A, Number of poles: 17, Crimp
GTIN (EAN)	4032248698202	connection, Installation size: HQ
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

Nominal voltage acc. to UL/CSA: 600 V AC/DC

General ordering data

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, Installation size: HQ
Qty.	1 ST	
Type	HDC HQ 4/2 MC	Version
Order No.	1003170000	HDC insert, Male, 690 V, 40 A, Number of poles: 6, Crimp
GTIN (EAN)	4032248698165	connection, Installation size: HQ
Qty.	1 ST	

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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

General ordering data

Type	HDC HQ 8 MC	Version
Order No.	1919970000	HDC insert, Male, 500 V, 16 A, Number of poles: 8, Crimp
GTIN (EAN)	4032248557943	connection, Installation size: HQ
Qty.	1 ST	
Type	HDC HQ 8 FC	Version
Order No.	1919980000	HDC insert, Female, 500 V, 16 A, Number of poles: 8, Crimp
GTIN (EAN)	4032248557950	connection, Installation size: HQ
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	VG16 HQ K68 11,5-15,5SH	Version
Order No.	1045540000	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248779444	
Qty.	1 ST	
Type	VG16 HQ K68 9-12SH	Version
Order No.	1045530000	Heavy-duty connectors, Accessories, Cable glands, Polycarbonate
GTIN (EAN)	4032248779437	
Qty.	50 ST	