

HDC HQP AWLU

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	1003060000
Type	HDC HQP AWLU
GTIN (EAN)	4032248697991
Qty.	1 pc(s).

HDC HQP AWLU

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Technical data

Dimensions and weights

Depth	67 mm	Depth (inches)	2.638 inch
Height	76 mm	Height (inches)	2.992 inch
Width	37 mm	Width (inches)	1.457 inch
Mounting dimension - width	38 mm	Net weight	40 g

Temperatures

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

Cable entry	angled	Height of base B1	3.5 mm
Height of housing B	55 mm	Hole pitch length A2	38 mm
Total length housing	46 mm	Width base C1	47 mm
Width housing C	33 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	angled
Clamp version	Side-locking clamp	Colour (RAL)	RAL 1001
Design	Standard	Design of housing	Bulkhead housing
Design of locking system	Side-locking clamp on lower side	Sealing	NBR
Size	HQ	Suitable for ModuPlug®	No
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

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 4, 2024 9:29:44 AM CEST

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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@106f4151 de.myview.objectmodel.impl.BlockImpl@1f814c74 de.myview.objectmodel.impl.BlockImpl@82a639c de.myview.objectmodel.impl.BlockImpl@58038a1e de.myview.objectmodel.impl.BlockImpl@320c3d86 de.myview.objectmodel.impl.BlockImpl@277b255f de.myview.objectmodel.impl.BlockImpl@7c9694af de.myview.objectmodel.impl.BlockImpl@3801a259 de.myview.objectmodel.impl.BlockImpl@6b3248d2 de.myview.objectmodel.impl.BlockImpl@159dd936 de.myview.objectmodel.impl.BlockImpl@5de604c6 de.myview.objectmodel.impl.BlockImpl@68c07649 de.myview.objectmodel.impl.BlockImpl@11cdd75b

Important note

Product information	When mounting the housings, make sure that the flat gasket is correctly seated.
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Approvals

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

Data sheet**HDC HQP AWLU**

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Technical data**Downloads**

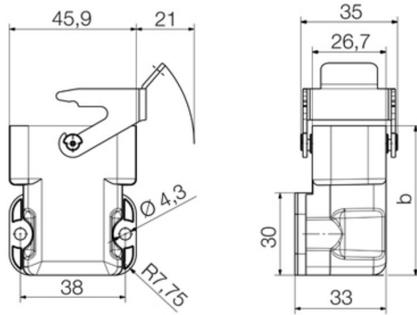
Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories

Cover



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General ordering data

Type	HDC HQP DOD 2BO	Version
Order No.	1003140000	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).	
Type	HDC HQP DMD 2BO	Version
Order No.	1003130000	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 DMD 2BO CS	Version
Order No.	1251660000	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).	
Type	HDC HQP DOD 2BO CS	Version
Order No.	1251670000	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).	

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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.	1003160000	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.	1003170000	HDC insert, Male, 690 V, 40 A, Number of poles: 6, Crimp connection, Size: HQ
GTIN (EAN)	4032248698165	
Qty.	1 pc(s).	

Plug housing, cable entry at top



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General ordering data

Type	HDC HQM TOLU 1PG21	Version
Order No.	1003080000	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 21
GTIN (EAN)	4032248698011	
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.	1003100000	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).		

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).		

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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**
Crimp connection

General ordering data

Type	HDC HQ 8 MC	Version
Order No.	1919970000	HDC insert, Male, 500 V, 16 A, Number of poles: 8, Crimp connection,
GTIN (EAN)	4032248557943	Size: HQ
Qty.	1 pc(s).	
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, 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.	1003070000	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

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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		
GTIN (EAN)	4032248698028		
Qty.	1 pc(s).		
			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