

HDC HQP ALU CS

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.	1354950000
Type	HDC HQP ALU CS
GTIN (EAN)	4050118157215
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	67 mm	Depth (inches)	2.638 inch
Height	41 mm	Height (inches)	1.614 inch
Width	35 mm	Width (inches)	1.378 inch
Mounting dimension - height	13 mm	Mounting dimension - width	32 mm
Net weight	27 g		

Temperatures

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

Height of housing B	20 mm	Hole pitch length A2	32 mm
Total length housing	46 mm	Width housing C	29 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	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 July 7, 2024 9:48:01 PM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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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@5dee7978 de.myview.objectmodel.impl.BlockImpl@33623171 de.myview.objectmodel.impl.BlockImpl@4fef2a6d de.myview.objectmodel.impl.BlockImpl@15674ac7 de.myview.objectmodel.impl.BlockImpl@3becc4aa de.myview.objectmodel.impl.BlockImpl@19a7931f de.myview.objectmodel.impl.BlockImpl@2f2d7e04 de.myview.objectmodel.impl.BlockImpl@b32854 de.myview.objectmodel.impl.BlockImpl@5d27757c de.myview.objectmodel.impl.BlockImpl@78bd2aac de.myview.objectmodel.impl.BlockImpl@3ca4b6e1 de.myview.objectmodel.impl.BlockImpl@25ccc8a9 de.myview.objectmodel.impl.BlockImpl@4326c5f9

Important note

Product information	The HQ version now offers particular protection - the bulkhead housing (cover and metal clamp) can be secured with a padlock.
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Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
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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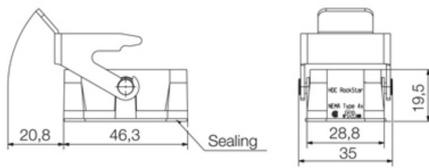
Data sheet

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Drawings



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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).	

Cover



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

Type	HDC HQP DOD 2B0	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).	

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Accessories

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).	
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 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).	

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 condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4032248698004	
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).	

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.	1003210000	HDC insert, Male, 250 V, 10 A, Number of poles: 17, Crimp
GTIN (EAN)	4032248698202	connection, Size: HQ
Qty.	1 pc(s).	
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, Size: HQ
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 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).	

Plug housing, cable entry sideways



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General ordering data

Type	HDC HQP TSLU 1PG16	Version
Order No.	1003090000	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
GTIN (EAN)	4032248698028	
Qty.	1 pc(s).	

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Accessories

Plug housing, cable entry at top



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General ordering data

Type	HDC HQM TOLU 1PG21	Version	
Order No.	1003080000		
GTIN (EAN)	4032248698011		
Qty.	1 pc(s).		
			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