HDC HQM ALU

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, Bulkhead housing, Side-locking clamp on lower side, Standard, Size of cable entries: none
Order No.	1003050000
Type	HDC HQM ALU
GTIN (EAN)	4032248697984
Qty.	1 items

HDC HQM ALU

Technical data

Approvals

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

Dimensions and weights

Depth	35 mm	Depth (inches)	1.378 inch
Height	18.5 mm	Height (inches)	0.7283 inch
Width	49.9 mm	Width (inches)	1.9646 inch
Length	46 mm	Length (inches)	1.811 inch
Mounting dimension - height	13 mm	Mounting dimension - width	32 mm
Net weight	62 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
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	

HDC HQM ALU

Technical data

Dimensions

Hole pitch length A2	32 mm	Cable entry	No
Width housing C	29 mm	Total length housing	46 mm
Height of housing B	21 mm		

General data

Housing main material	Zinc diecast	Surface finish	nickel-plated
Protection degree	IP65, in plugged condition	Series	HQ
EMC housings	Yes	Material of locking element	Stainless steel, rust-proof

Version

|			
Number of cable glands	0	Size of cable entries	none
Top part/bottom part/lid	lower part	Cover	without cover
Number of cable entry sideways	0	Design of housing	Bulkhead housing
Design of locking system	Side-locking clamp on lower side	Design	Standard
Installation size	HQ	Cable entry	No
Type	Bulkhead (feed-through)	Clamp version	Side-locking clamp
Sealing	no sealing	Colour (RAL)	RAL 7001
BG	HQ	Suitable for ModuPlug®	No

Important note

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

Classifications

ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

HDC HQM ALU

Drawings
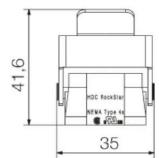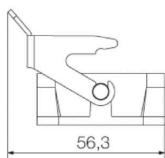
HDC HQM ALU

Accessories

Cover

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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

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

Creation date 26.12.2025 12:49:39 MEZ

Accessories

Plug housing, cable entry sideways

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General ordering data

Type	HDC HQM TSLU 1PG21	Version
Order No.	1003100000	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.	1003080000	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

Creation date 26.12.2025 12:49:39 MEZ

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
Rated 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	

HDC HQM ALU

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	