

HDC HQ 8 MP**Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26
D-32758 Detmold
Germanywww.weidmueller.com

The HQ series - big features in a compact design. The electrical values speak for themselves.

The wire connection level is designed as a PUSH IN contact.

Pole count: 5, 8

Rated current: 16 A

Rated voltage: 250 V, 500 V

General ordering data

Version	HDC insert, Male, 500 V, 16 A, Number of poles: 8, PUSH IN with actuator, Installation size: HQ
Order No.	2937360000
Type	HDC HQ 8 MP
GTIN (EAN)	4099986694132
Qty.	1 items

HDC HQ 8 MP

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Technical data

Approvals

Approvals



RoHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E310075

Dimensions and weights

Depth	41.2 mm	Depth (inches)	1.622 inch
Height	45.5 mm	Height (inches)	1.7913 inch
Width	26.3 mm	Width (inches)	1.0354 inch
Length	2.5 mm	Length (inches)	0.0984 inch
Diameter	2.5 mm	Net weight	38 g

Environmental Product Compliance

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

Dimensions

Width	26.3 mm
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General data

Number of poles	8	Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500	Type of connection	PUSH IN with actuator
Installation size	HQ	UL 94 flammability rating	V-0
Colour	Light Grey	Insulating material	PC
Surface finish	Silver passivated	Type	Male
Surge voltage category	III	Pollution severity	3
Basic material	Copper alloy	Series	HQ
Rated voltage (DIN EN 61984)	500 V	Rated impulse voltage (DIN EN 61984)	6 kV
Rated current (DIN EN 61984)	16 A	Free from halogens	false
BG	HQ	Number of signal contacts	0
Number of power contacts	8		

Connection data PE

Connection type PE	Miscellaneous
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Power contact

Rated voltage (DIN EN 61984), power contact	500 V
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Version

Type of connection	PUSH IN with actuator	Installation size	HQ
Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	0.5 mm ²
Surface finish	Silver passivated	Basic material	Copper alloy
BG	HQ		

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Technical data**Classifications**

ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

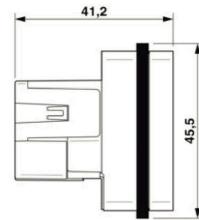
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Drawings



HDC HQ 8 MP

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Accessories

Plug housing, cable entry at top



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 HQM TOLU 1PG21 WO	Version
Order No.	2937380000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4099986694194	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 21

Plug housing, cable entry sideways



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 HQM TSLU 1PG21 WO	Version
Order No.	2937390000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4099986694200	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 21

HDC HQ 8 MP

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Accessories

Bulkhead housing



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 HQM ALU	Version
Order No.	1003050000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248697984	plugged condition, Bulkhead housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: none
Type	HDC HQP ALU	Version
Order No.	1003040000	HDC enclosures, Installation size: HQ, Protection degree: IP65, in
GTIN (EAN)	4032248697977	plugged condition, Bulkhead housing, Side-locking clamp on lower
Qty.	1 ST	side, Standard, Size of cable entries: none

Plug housing, cable entry at top



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.

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Accessories

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

Plug housing, cable entry sideways



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.

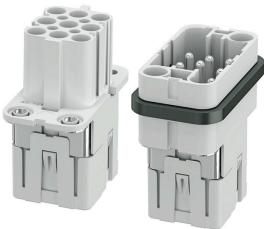
The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

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 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

8-pole



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Pole count: 5, 8

Rated current: 16 A

Rated voltage: 250 V, 500 V

General ordering data

Type	HDC HQ 8 FP	Version
Order No.	2937350000	HDC insert, Female, 500 V, 16 A, Number of poles: 8, PUSH IN with
GTIN (EAN)	4099986694071	actuator, Installation size: HQ
Qty.	1 ST	