

**HDC HQ 8 FP****Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26  
D-32758 Detmold  
Germany[www.weidmueller.com](http://www.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, Female, 500 V, 16 A, Number of poles: 8, PUSH IN with actuator, Installation size: HQ
Order No.	<a href="#">2937350000</a>
Type	HDC HQ 8 FP
GTIN (EAN)	4099986694071
Qty.	1 items

## HDC HQ 8 FP

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E310075

## Dimensions and weights

Depth	22.4 mm	Depth (inches)	0.8819 inch
Height	41.6 mm	Height (inches)	1.6378 inch
Width	40.6 mm	Width (inches)	1.5984 inch
Net weight	36 g		

## Temperatures

Limit temperature	-40 °C ... 125 °C
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## Environmental Product Compliance

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

## Dimensions

Width	40.6 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
Type	Female	Surge voltage category	III
Pollution severity	3	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 power contacts	8

## 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 <sup>2</sup>	Conductor cross-section, min.	0.5 mm <sup>2</sup>
BG	HQ		

## Classifications

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

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ECLASS 15.0

27-44-02-05

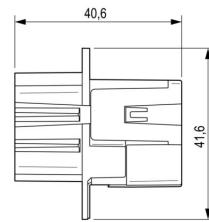
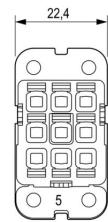
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## Drawings



## HDC HQ 8 FP

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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.	<a href="#">2937380000</a>	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.	<a href="#">2937390000</a>	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 FP

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## Accessories

## Bulkhead housing



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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 HQM ALU	Version
Order No.	<a href="#">1003050000</a>	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.	<a href="#">1003040000</a>	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



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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.

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## Accessories

## General ordering data

Type	HDC HQP TOLU 1PG16	Version
Order No.	<a href="#">1003070000</a>	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



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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 TSLU 1PG16	Version
Order No.	<a href="#">1003090000</a>	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



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

Type	HDC HQ 8 MP	Version
Order No.	<a href="#">2937360000</a>	HDC insert, Male, 500 V, 16 A, Number of poles: 8, PUSH IN with
GTIN (EAN)	4099986694132	actuator, Installation size: HQ
Qty.	1 ST	