

HDC HQM TOLU 1PG21 WO

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

www.weidmueller.com



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, Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
Order No.	2937380000
Type	HDC HQM TOLU 1PG21 WO
GTIN (EAN)	4099986694194
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	35 mm	Depth (inches)	1.378 inch
Height	78 mm	Height (inches)	3.0709 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	170 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	

Dimensions

Cable entry	w. thread	Width housing C	29 mm
Total length housing	50 mm	Height of housing B	78 mm

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General data

Housing main material	Zinc diecast	Surface finish	nickel-plated
Protection degree	IP65, in plugged condition	Series	HQ
EMC housings	Yes		

Version

Size of cable entries	PG 21	Top part/bottom part/lid	upper part
Cover	without cover	Number of cable entry on top	1
Number of cable entry sideways	0	Design of housing	Cable entry from top, Plug housing
Design of locking system	Side-locking clamp on lower side	Design	Standard
Installation size	HQ	Cable entry	w. thread
Type	Plug	Clamp version	Side-locking clamp
External thread	PG 21	Colour (RAL)	RAL 7001
BG	HQ	Suitable for ModuPlug®	No

Classifications

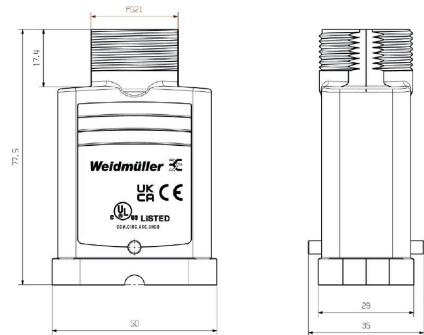
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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Drawings



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Accessories

EMC Brass half gland HQ version for HDC



The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

General ordering data

Type	VG 21 HQ EMV68 11-15.5	Version
Order No.	1016120000	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725595	
Qty.	1 ST	
Type	VG 21 HQ EMV68 14-18	Version
Order No.	1016130000	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725601	
Qty.	1 ST	

HQ version for HDC



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

Type	VG 21 HQ MS68 9-13	Version
Order No.	1016090000	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725540	
Qty.	1 ST	
Type	VG 21 HQ MS68 11.5-15.5	Version
Order No.	1016100000	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725564	
Qty.	1 ST	
Type	VG 21 HQ MS68 14-18	Version
Order No.	1016110000	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248725588	
Qty.	1 ST	
Type	VG 21 HQ MS68 17-20.5	Version
Order No.	2814780000	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4064675301561	
Qty.	1 ST	

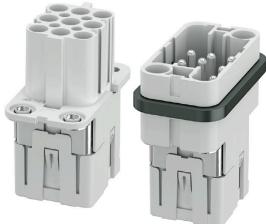
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Accessories

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 FP	Version
Order No.	2937350000	HDC insert, Female, 500 V, 16 A, Number of poles: 8, PUSH IN,
GTIN (EAN)	4099986694071	Installation size: HQ
Qty.	1 ST	
Type	HDC HQ 8 MP	Version
Order No.	2937360000	HDC insert, Male, 500 V, 16 A, Number of poles: 8, PUSH IN,
GTIN (EAN)	4099986694132	Installation size: HQ
Qty.	1 ST	