

HDC HQM TOLU 1PG21 WO**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), 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 pc(s).

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Technical data

Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Height	78 mm	Height (inches)	3.071 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	170 g		

Temperatures

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

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

General data

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

Version

BG	HQ	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7001
Design	Standard	Design of housing	Cable entry from top, Plug housing
Design of locking system	Side-locking clamp on lower side	External thread	PG 21
Number of cable entry on top	1	Number of cable entry sideways	0
Size	HQ	Size of cable entries	PG 21
Suitable for ModuPlug®	No	Top part/bottom part/lid	upper part
Type	Plug		

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	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	ECLASS 14.0	27-44-02-02
ECLASS 15.0	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

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Technical data

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@1beb7fc5 de.myview.objectmodel.impl.BlockImpl@263b6141 de.myview.objectmodel.impl.BlockImpl@4c18ba00 de.myview.objectmodel.impl.BlockImpl@158b8787 de.myview.objectmodel.impl.BlockImpl@555ed7a4 de.myview.objectmodel.impl.BlockImpl@28128527 de.myview.objectmodel.impl.BlockImpl@2153f29f de.myview.objectmodel.impl.BlockImpl@682dee8d de.myview.objectmodel.impl.BlockImpl@4b6df7db de.myview.objectmodel.impl.BlockImpl@77ea682c de.myview.objectmodel.impl.BlockImpl@4913ab44 de.myview.objectmodel.impl.BlockImpl@4e4d7d6d de.myview.objectmodel.impl.BlockImpl@6a3a8850

Approvals

ROHS	Conform
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Downloads

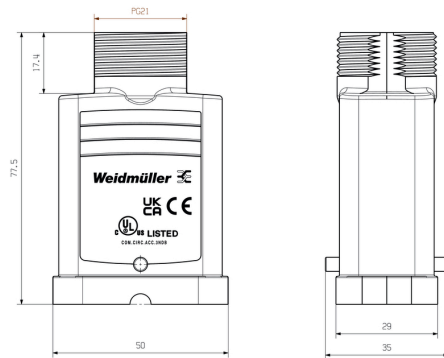
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Drawings



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

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 17-20.5	Version
Order No.	2814780000	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4064675301561	
Qty.	1 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	

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www.weidmueller.com**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 pc(s).	
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 pc(s).	