

**HDC IP68 16B TOS 1PG21****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**IP68**

The new RockStar® enclosures are resistant to seawater and offer a high degree of shock resistance, meet IP 68 and IP 69K, and have been developed for use under extreme environmental conditions and designed for the high vibration requirements acc. to DIN EN 61373 cat. 2 (bogie). As such, this housing family is ideally suited for fault- and maintenance-free operation of heavy-duty connectors in transport and traffic engineering as well as in power engineering and in applications with extreme requirements. During development, measures were also implemented to make the enclosures extremely EMC-resistant.

**General ordering data**

Version	HDC enclosures, Size: 6, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Plug housing, Clamping yoke connection, Standard, Size of cable entries: PG 21
Order No.	<a href="#">1082750000</a>
Type	HDC IP68 16B TOS 1PG21
GTIN (EAN)	4032248846276
Qty.	1 pc(s).

Creation date August 29, 2024 3:19:52 AM CEST

Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Height	111 mm	Height (inches)	4.37 inch
Width	58 mm	Width (inches)	2.283 inch
Net weight	125 g		

## Temperatures

Limit temperature	-50 °C ... 125 °C
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## Dimensions

Cable entry	w. thread	Height of housing B	111 mm
Total length housing	110.5 mm		

## General data

EMC housings	Yes	Housing main material	diecast aluminium
Material of locking element		Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)
	Stainless steel, rust-proof		
Surface finish	Powder coating	Tightening torque	6.5 Nm

## Version

BG	6	Cable entry	w. thread
Clamp version	Clamping yoke connection	Colour (RAL)	RAL 9011, RAL 9005
Design	Standard	Design of housing	Plug housing
Design of locking system	Clamping yoke connection	Internal thread	PG 21
Number of cable entry on top	1	Number of cable entry sideways	0
Size	6	Size of cable entries	PG 21
Suitable for ModuPlug®	Yes	Tightening torque	6.5 Nm
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
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		

Substance	Acetone
Chemical resistance	Resistant
Substance	Diesel oil
Chemical resistance	Unstable
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Conditionally resistant
Substance	Hydraulic oil
Chemical resistance	Conditionally resistant

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## Technical data

Substance	Petroleum benzine
Chemical resistance	Unstable
Substance	Sweat
Chemical resistance	Conditionally resistant
Substance	Premium gasoline
Chemical resistance	Unstable
Substance	Water
Chemical resistance	Resistant
Substance	UV
Chemical resistance	Resistant
Substance	Ozone
Chemical resistance	Resistant

## Environmental Product Compliance

REACH SVHC	/
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@51e70a03 de.myview.objectmodel.impl.BlockImpl@113d95d2 de.myview.objectmodel.impl.BlockImpl@446bfd1 de.myview.objectmodel.impl.BlockImpl@7e6d6b52 de.myview.objectmodel.impl.BlockImpl@17b3d18e de.myview.objectmodel.impl.BlockImpl@6add55af de.myview.objectmodel.impl.BlockImpl@71d3ba52 de.myview.objectmodel.impl.BlockImpl@647168c1 de.myview.objectmodel.impl.BlockImpl@6d47fa60 de.myview.objectmodel.impl.BlockImpl@6db7aa4a de.myview.objectmodel.impl.BlockImpl@1da9c84
RoHS Compliance Status	Compliant without exemption

## Approvals

Approvals



ROHS	Conform
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## Downloads

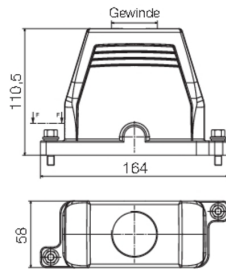
Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Screws**

We offer a variety of accessories, including screws, that fit to the heavy-duty connectors.

**General ordering data**

Type	HDC IP68 SCREW SET	Version
Order No.	<a href="#">2555340000</a>	Heavy-duty connectors, Accessories, Set of fixings
GTIN (EAN)	4050118571332	
Qty.	10 pc(s).	

**Socket wrench sets**

Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.

**General ordering data**

Type	SK WSD-S 1,5-10,0	Version
Order No.	<a href="#">9008850000</a>	Mounting tool
GTIN (EAN)	4032248266609	
Qty.	1 pc(s).	