

HDC IP68 10B TOS 1PG21**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 4, Protection degree: IP68 (in plugged condition), IP69K, IP66 (in plugged condition), Plug housing, Clamping yoke connection, Standard, Size of cable entries: PG 21
Order No.	1082630000
Type	HDC IP68 10B TOS 1PG21
GTIN (EAN)	4032248845644
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	144 mm	Depth (inches)	5.669 inch
Height	101 mm	Height (inches)	3.976 inch
Width	58 mm	Width (inches)	2.283 inch
Net weight	510 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	101 mm
Total length housing	144 mm		

General data

EMC housings	Yes	Housing main material	diecast aluminium
Material of locking element		Protection degree	IP68 (in plugged condition), IP69K, IP66 (in plugged condition)
Surface finish	Stainless steel, rust-proof Powder coating	Tightening torque	6.5 Nm

Version

BG	4	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	4	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

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@4971699c de.myview.objectmodel.impl.BlockImpl@4c14828d
 de.myview.objectmodel.impl.BlockImpl@1cc5592e de.myview.objectmodel.impl.BlockImpl@7ec8cfe0
 de.myview.objectmodel.impl.BlockImpl@3c37742c de.myview.objectmodel.impl.BlockImpl@54df89cd
 de.myview.objectmodel.impl.BlockImpl@62e5a651 de.myview.objectmodel.impl.BlockImpl@5a6ad222
 de.myview.objectmodel.impl.BlockImpl@5dfb5b57 de.myview.objectmodel.impl.BlockImpl@75c220c4
 de.myview.objectmodel.impl.BlockImpl@3a5ac703

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

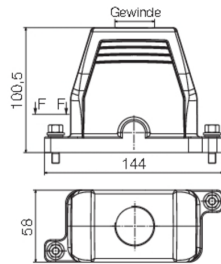
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Drawings



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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.	2555340000	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.	9008850000	Mounting tool
GTIN (EAN)	4032248266609	
Qty.	1 pc(s).	