

**HDC IP68 06B AS****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: 3, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Bulkhead housing, Clamping yoke connection, Standard
Order No.	<a href="#">1081510000</a>
Type	HDC IP68 06B AS
GTIN (EAN)	4032248844258
Qty.	1 pc(s).

Creation date August 29, 2024 5:48:45 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	30 mm	Height (inches)	1.181 inch
Width	58 mm	Width (inches)	2.283 inch
Mounting dimension - height	32 mm	Mounting dimension - width	70 mm
Net weight	161 g		

## Temperatures

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

Cable entry	w. thread	Height of housing B	30 mm
Hole pitch length A2	70 mm	Total length housing	132 mm

## General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)	Surface finish	Powder coating

## Version

BG	3	Cable entry	w. thread
Clamp version	Clamping yoke connection	Colour (RAL)	RAL 9011, RAL 9005
Design	Standard	Design of housing	Bulkhead housing
Design of locking system	Clamping yoke connection	Sealing	Silicone
Size	3	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

## 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
Substance	Petroleum benzine

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## Technical data

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@39c66a37 de.myview.objectmodel.impl.BlockImpl@6dd8ae8b de.myview.objectmodel.impl.BlockImpl@3a9ef8f1 de.myview.objectmodel.impl.BlockImpl@4798fde4 de.myview.objectmodel.impl.BlockImpl@4d05a0f2 de.myview.objectmodel.impl.BlockImpl@6581e32f de.myview.objectmodel.impl.BlockImpl@2815d61e de.myview.objectmodel.impl.BlockImpl@28627925 de.myview.objectmodel.impl.BlockImpl@48804eeb de.myview.objectmodel.impl.BlockImpl@22f2544f de.myview.objectmodel.impl.BlockImpl@24d1d329
RoHS Compliance Status	Compliant without exemption

## Important note

Product information	When mounting the housings, make sure that the flat gasket is correctly seated.
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## 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>

### HDC IP68 06B AS

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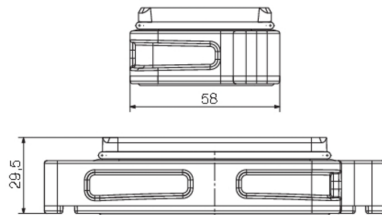
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## Drawings



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

We offer a variety of accessories, including seals, to accompany the housings.

Because of the excellent sealing, you can achieve the best seal possible with our housings.

Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres. This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

**General ordering data**

Type	HDC FLDG 06B IP68	Version
Order No.	<a href="#">1987480000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379242	
Qty.	1 pc(s).	

**IP68 O-ring seals**

We offer a variety of accessories, including seals, to accompany the housings.

Because of the excellent sealing, you can achieve the best seal possible with our housings.

Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres. This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

**General ordering data**

Type	HDC DG 06B IP68	Version
Order No.	<a href="#">1987490000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379198	
Qty.	1 pc(s).	