

**HDC IP68 04A AWS****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: 1, Protection degree: IP68 (in plugged condition), IP66 (in plugged condition), IP69K, Bulkhead housing, Clamping yoke connection, Standard
Order No.	<a href="#">1081490000</a>
Type	HDC IP68 04A AWS
GTIN (EAN)	4032248844234
Qty.	1 pc(s).

Creation date August 29, 2024 5:46:46 AM CEST

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

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## Technical data

## Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Height	44 mm	Height (inches)	1.732 inch
Width	67 mm	Width (inches)	2.638 inch
Mounting dimension - height	41 mm	Mounting dimension - width	41 mm
Net weight	134 g		

## Temperatures

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

Cable entry	w. thread	Height of housing B	44 mm
Hole pitch length A2	41 mm	Total length housing	50 mm

## General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP68 (in plugged condition), IP66 (in plugged condition), IP69K	Surface finish	Powder coating

## Version

BG	1	Cable entry	w. thread
Clamp version	Clamping yoke connection	Colour (RAL)	RAL 9011
Design	Standard	Design of housing	Bulkhead housing
Design of locking system	Clamping yoke connection	Sealing	Silicone
Size	1	Suitable for ModuPlug®	No
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

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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@411de1f5 de.myview.objectmodel.impl.BlockImpl@69336398 de.myview.objectmodel.impl.BlockImpl@251f12b7 de.myview.objectmodel.impl.BlockImpl@3686a8fe de.myview.objectmodel.impl.BlockImpl@18baf592 de.myview.objectmodel.impl.BlockImpl@6ae77abe de.myview.objectmodel.impl.BlockImpl@37b057ff de.myview.objectmodel.impl.BlockImpl@3472d8af de.myview.objectmodel.impl.BlockImpl@7babbdd6 de.myview.objectmodel.impl.BlockImpl@2ac80a97 de.myview.objectmodel.impl.BlockImpl@1ff2af9e
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

### Downloads

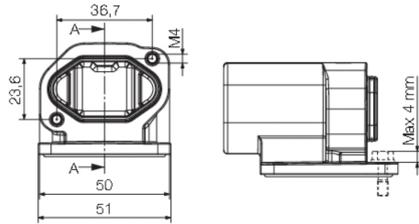
Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Catalogues	<a href="#">Catalogues 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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## 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 04A AW IP68	Version
Order No.	<a href="#">1987470000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379204	
Qty.	100 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 04A IP68	Version
Order No.	<a href="#">1987460000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379259	
Qty.	100 pc(s).	