

**HDC IP68 04A ADS****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: 1, Protection degree: IP66 (in plugged condition), IP69K, IP68 (in plugged condition), Bulkhead housing, Clamping yoke connection, Standard
Order No.	<a href="#">1083130000</a>
Type	HDC IP68 04A ADS
GTIN (EAN)	4032248846924
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Height	39 mm	Height (inches)	1.535 inch
Width	45.5 mm	Width (inches)	1.791 inch
Mounting dimension - width	30 mm	Net weight	88 g

## Temperatures

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

Height of housing B	39 mm	Hole pitch length A2	30 mm
Total length housing	50 mm		

## General data

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

## Version

BG	1	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	Base housing		

## 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@5d1091f1 de.myview.objectmodel.impl.BlockImpl@42d0958c de.myview.objectmodel.impl.BlockImpl@49bd2633 de.myview.objectmodel.impl.BlockImpl@1119eee3 de.myview.objectmodel.impl.BlockImpl@485f6a28 de.myview.objectmodel.impl.BlockImpl@ee5fa5a de.myview.objectmodel.impl.BlockImpl@2ec9c90b de.myview.objectmodel.impl.BlockImpl@707944c7 de.myview.objectmodel.impl.BlockImpl@43446eca de.myview.objectmodel.impl.BlockImpl@62527bd2 de.myview.objectmodel.impl.BlockImpl@2336702
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

