

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.	1081490000
Type	HDC IP68 04A AWS
GTIN (EAN)	4032248844234
Qty.	1 pc(s).

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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

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@4adc1f4e de.myview.objectmodel.impl.BlockImpl@1fd50320
 de.myview.objectmodel.impl.BlockImpl@2f055185 de.myview.objectmodel.impl.BlockImpl@46a64ddd
 de.myview.objectmodel.impl.BlockImpl@6c2a1c28 de.myview.objectmodel.impl.BlockImpl@5b51de8e
 de.myview.objectmodel.impl.BlockImpl@5edd3518 de.myview.objectmodel.impl.BlockImpl@2ae143bb
 de.myview.objectmodel.impl.BlockImpl@1616d193 de.myview.objectmodel.impl.BlockImpl@43e6d871
 de.myview.objectmodel.impl.BlockImpl@74a450e0

Important note

Product information

When mounting the housings, make sure that the flat gasket is correctly seated.

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

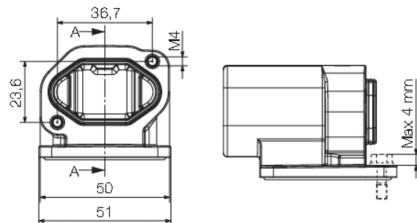
[FL FIELDWIRING EN](#)
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Drawings



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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 04A AW IP68	Version
Order No.	1987470000	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.	1987460000	Accessories, Enclosures accessories
GTIN (EAN)	4050118379259	
Qty.	100 pc(s).	