

HDC IP68 04A AWS

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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), IP68 (in plugged condition), Bulkhead housing, Clamping yoke connection, Standard
Order No.	1081490000
Type	HDC IP68 04A AWS
GTIN (EAN)	4032248844234
Qty.	1 pc(s).

Creation date January 20, 2022 9:29:14 AM CET

Catalogue status 14.01.2022 / 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	43.7 mm	Height (inches)	1.72 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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Environmental Product Compliance

Chemical resistance	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
	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	

Dimensions

Hole pitch length A2	41 mm	Total length housing	50 mm
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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	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	Bulkhead (feed-through)		

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Technical data**Classifications**

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	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		

Important note

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

Approvals

Approvals



ROHS Conform

Downloads

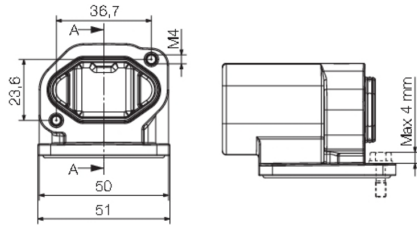
Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories**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, Protection degree: Design of
GTIN (EAN)	4050118379259	housing: Clamp version: Design: Approvals :
Qty.	1 pc(s).	

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, Protection degree: Design of
GTIN (EAN)	4050118379204	housing: Clamp version: Design: Approvals :
Qty.	1 pc(s).	

Mouser Electronics

Authorized Distributor

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