

HDC IP68 04A AS**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, Installation size: 1, Protection degree: IP66, IP68, IP69, in plugged condition, Bulkhead housing, Clamping yoke connection, Standard, Size of cable entries: none
Order No.	1081470000
Type	HDC IP68 04A AS
GTIN (EAN)	4032248844098
Qty.	1 items

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Technical data

Approvals

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ROHS

Conform

Dimensions and weights

Depth	50 mm	Depth (inches)	1.9685 inch
Height	24 mm	Height (inches)	0.9449 inch
Width	36 mm	Width (inches)	1.4173 inch
Mounting dimension - width	30 mm	Net weight	44 g

Temperatures

Limit temperature -50 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

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	30 mm	Cable entry	No
Total length housing	50 mm	Height of housing B	24 mm

General data

Housing main material	diecast aluminium	Surface finish	Powder coating
Protection degree	IP66, IP68, IP69, in plugged condition	EMC housings	Yes

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Number of cable glands	0	Size of cable entries	none
Top part/bottom part/lid	lower part	Cover	without cover
Number of cable entry sideways	0	Design of housing	Bulkhead housing
Design of locking system	Clamping yoke connection	Design	Standard
Installation size	1	Cable entry	No
Type	Bulkhead (feed-through)	Clamp version	Clamping yoke connection
Sealing	Silicone	Colour (RAL)	RAL 9011
BG	1	Suitable for ModuPlug®	No

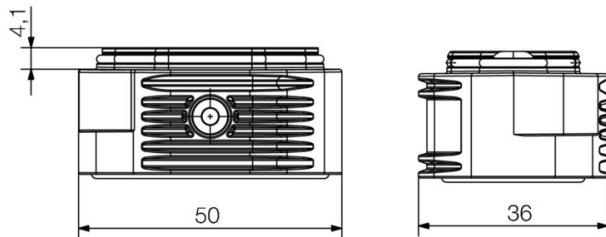
Important note

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

ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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 IP68	Version
Order No.	1987450000	Accessories, Enclosures accessories
GTIN (EAN)	4050118379266	
Qty.	10 ST	

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.	10 ST	