

HDC IP68 04A AS**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.	1081470000
Type	HDC IP68 04A AS
GTIN (EAN)	4032248844098
Qty.	1 pc(s).

Creation date May 11, 2024 5:53:00 PM CEST

Catalogue status 04.05.2024 / 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	24 mm	Height (inches)	0.945 inch
Width	36 mm	Width (inches)	1.417 inch
Mounting dimension - width	30 mm	Net weight	44 g

Temperatures

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

Height of housing B	24 mm	Hole pitch length A2	30 mm
Total length housing	50 mm		

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)		

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
Chemical resistance	Unstable

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Data sheet

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Technical data

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

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 FL FIELDWIRING EN

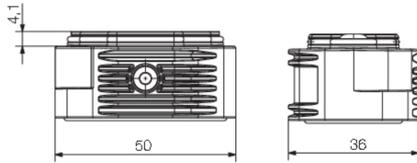
Data sheet

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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.	20 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 IP68	Version
Order No.	1987450000	Accessories, Enclosures accessories, Protection degree: Design of
GTIN (EAN)	4050118379266	housing: Clamp version: Design: Approvals :
Qty.	1 pc(s).	