

HDC IP68 10B 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: 4, Protection degree: IP69K, IP66 (in plugged condition), IP68 (in plugged condition), Bulkhead housing, Clamping yoke connection, Standard
Order No.	1081520000
Type	HDC IP68 10B AS
GTIN (EAN)	4032248844272
Qty.	1 pc(s).

Creation date July 8, 2024 10:34:26 PM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Height	29.5 mm	Height (inches)	1.161 inch
Width	58 mm	Width (inches)	2.283 inch
Mounting dimension - height	32 mm	Mounting dimension - width	83 mm
Net weight	170 g		

Temperatures

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

Hole pitch length A2	83 mm	Total length housing	144 mm
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General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP69K, IP66 (in plugged condition), IP68 (in plugged condition)	Surface finish	Powder coating

Version

BG	4	Clamp version	Clamping yoke connection
Colour (RAL)	RAL 9011, RAL 9005	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Clamping yoke connection
Sealing	Silicone	Size	4
Suitable for ModuPlug®	Yes	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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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

Environmental Product Compliance

REACH SVHC	/
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@1ff1f7af de.myview.objectmodel.impl.BlockImpl@5ae9d1d2 de.myview.objectmodel.impl.BlockImpl@7e36a720 de.myview.objectmodel.impl.BlockImpl@46a2a1cd de.myview.objectmodel.impl.BlockImpl@56fe7a39 de.myview.objectmodel.impl.BlockImpl@420d4675 de.myview.objectmodel.impl.BlockImpl@949e6b3 de.myview.objectmodel.impl.BlockImpl@5a36829e de.myview.objectmodel.impl.BlockImpl@7f3c0453 de.myview.objectmodel.impl.BlockImpl@572acb2f de.myview.objectmodel.impl.BlockImpl@1110d307

Important note

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

Approvals



ROHS	Conform
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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

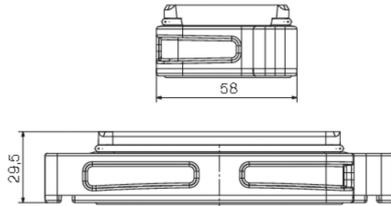
Data sheet

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Drawings



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Accessories

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 10B IP68	Version
Order No.	1987500000	Accessories, Enclosures accessories
GTIN (EAN)	4050118379211	
Qty.	1 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 10B IP68	Version
Order No.	1987510000	Accessories, Enclosures accessories
GTIN (EAN)	4050118379228	
Qty.	1 pc(s).	