

**HDC HB 24 TEK AS M4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 8, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Bulkhead housing, Clamping yoke connection, Standard
Order No.	<a href="#">1827470000</a>
Type	HDC HB 24 TEK AS M4
GTIN (EAN)	4032248332571
Qty.	1 pc(s).
Available until	2013-12-31

Creation date May 11, 2025 7:32:16 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Height	29 mm	Height (inches)	1.142 inch
Width	58 mm	Width (inches)	2.283 inch
Mounting dimension - height	32 mm	Mounting dimension - width	130 mm
Net weight	181 g		

## Temperatures

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

Height of housing B	29 mm	Hole pitch length A2	130 mm
Total length housing	184 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
Tightening torque	6.5 Nm		

## Version

BG	8	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	8
Suitable for ModuPlug®	Yes	Tightening torque	6.5 Nm
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
ETIM 10.0	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	ECLASS 14.0	27-44-02-02
ECLASS 15.0	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

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## Technical data

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

## Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@1b11b14a de.myview.objectmodel.impl.BlockImpl@3110ec64 de.myview.objectmodel.impl.BlockImpl@334ca6df de.myview.objectmodel.impl.BlockImpl@27122e6e de.myview.objectmodel.impl.BlockImpl@311f4027 de.myview.objectmodel.impl.BlockImpl@7daf9ac de.myview.objectmodel.impl.BlockImpl@51f6cdd6 de.myview.objectmodel.impl.BlockImpl@67a1e8d8 de.myview.objectmodel.impl.BlockImpl@2c749273 de.myview.objectmodel.impl.BlockImpl@7c3319c8 de.myview.objectmodel.impl.BlockImpl@1bccf3e5

## Important note

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

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a>
ROHS	Conform

## Downloads

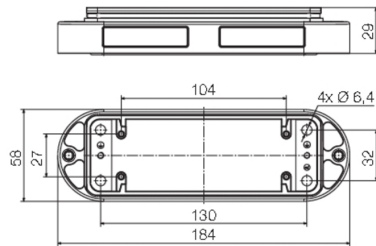
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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## Drawings



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[www.weidmueller.com](http://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 24B XXL IP68	Version
Order No.	<a href="#">1987550000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379167	
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 24B XXL IP68	Version
Order No.	<a href="#">1987570000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379150	
Qty.	10 pc(s).	