

**HDC HB 24 TEK AS M4****Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 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, Installation size: 8, Protection degree: IP66, IP68, in plugged condition, Bulkhead housing, Clamping yoke connection, Standard, Size of cable entries: none
Order No.	<a href="#">1827470000</a>
Type	HDC HB 24 TEK AS M4
GTIN (EAN)	4032248332571
Qty.	1 items

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## Technical data

## Approvals

Approvals



RoHS Conform

## Dimensions and weights

Height	29 mm	Height (inches)	1.1417 inch
Width	58 mm	Width (inches)	2.2835 inch
Mounting dimension - height	32 mm	Mounting dimension - width	130 mm
Net weight	181 g		

## Temperatures

Limit temperature -50 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant		
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	130 mm	Cable entry	No
Total length housing	184 mm	Height of housing B	29 mm

## General data

Tightening torque	6.5 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP66, IP68, in plugged condition
EMC housings	Yes		

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**Technical data****Version**

Size of cable entries	none	Top part/bottom part/lid	lower part
Cover	without cover	Tightening torque	6.5 Nm
Number of cable entry sideways	0	Design of housing	Bulkhead housing
Design of locking system	Clamping yoke connection	Design	Standard
Installation size	8	Cable entry	No
Type	Bulkhead (feed-through)	Clamp version	Clamping yoke connection
Sealing	Silicone	Colour (RAL)	RAL 9011
BG	8	Suitable for ModuPlug®	Yes

**Important note**

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

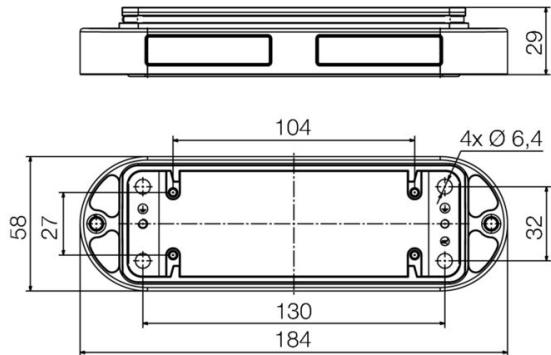
**Classifications**

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		

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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 24B XXL IP68	Version
Order No.	<a href="#">1987550000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379167	
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 24B XXL IP68	Version
Order No.	<a href="#">1987570000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379150	
Qty.	10 ST	