

HDC HB 24 TEK AS M4**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, Size: 8, Protection degree: IP66, IP68, in plugged condition, Bulkhead housing, Clamping yoke connection, Standard
Order No.	1827470000
Type	HDC HB 24 TEK AS M4
GTIN (EAN)	4032248332571
Qty.	1 ST
Available until	2013-12-31T00:00:00+01:00

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Technical data

Approvals

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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	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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Top part/bottom part/lid	lower part	Tightening torque	6.5 Nm
Design of housing	Bulkhead housing	Design of locking system	Clamping yoke connection
Design	Standard	Size	8
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.
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Classifications

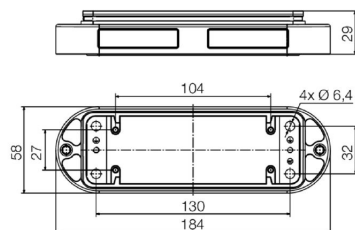
ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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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.	1987550000	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.	1987570000	Accessories, Enclosures accessories	
GTIN (EAN)	4050118379150		
Qty.	10 ST		