

**HDC IP68 10B FRAME M6****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: 4, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), , Clamping yoke connection, Standard
Order No.	<a href="#">1110900000</a>
Type	HDC IP68 10B FRAME M6
GTIN (EAN)	4032248886968
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	109 mm	Depth (inches)	4.291 inch
Height	13 mm	Height (inches)	0.512 inch
Width	58 mm	Width (inches)	2.283 inch
Mounting dimension - height	32 mm	Mounting dimension - width	83 mm
Net weight	66 g		

## Temperatures

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

Hole pitch length A2	83 mm	Total length housing	109 mm
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## General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)		

## Version

BG	4	Colour (RAL)	RAL 7001, RAL 9005
Design	Standard	Design of locking system	Clamping yoke connection
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
ECLASS 14.0	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@168a5b9e de.myview.objectmodel.impl.BlockImpl@5f48d760  
 de.myview.objectmodel.impl.BlockImpl@49418fb5 de.myview.objectmodel.impl.BlockImpl@33a7faa9  
 de.myview.objectmodel.impl.BlockImpl@773501e8 de.myview.objectmodel.impl.BlockImpl@6edf3bb9  
 de.myview.objectmodel.impl.BlockImpl@2b263df0 de.myview.objectmodel.impl.BlockImpl@2758f88f  
 de.myview.objectmodel.impl.BlockImpl@783d87cd de.myview.objectmodel.impl.BlockImpl@6f287980  
 de.myview.objectmodel.impl.BlockImpl@75fb0028

RoHS Compliance Status

Compliant without exemption

## 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](#)

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## Drawings

