

**HDC IP68 10B SS 1M20****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: 4, Protection degree: IP68 (in plugged condition), IP66 (in plugged condition), IP69K, Base housing, Clamping yoke connection, Standard, Size of cable entries: M 20
Order No.	<a href="#">1081270000</a>
Type	HDC IP68 10B SS 1M20
GTIN (EAN)	4032248877331
Qty.	1 pc(s).

## HDC IP68 10B SS 1M20

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## Technical data

## Dimensions and weights

Height	101 mm	Height (inches)	3.976 inch
Width	80 mm	Width (inches)	3.15 inch
Mounting dimension - height	60 mm	Mounting dimension - width	140 mm
Net weight	930 g		

## Temperatures

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

Cable entry	w. thread	Height of housing B	101 mm
Hole pitch length A2	140 mm	Total length housing	169 mm

## General data

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

## Version

BG	4	Cable entry	w. thread
Clamp version	Clamping yoke connection	Colour (RAL)	RAL 9011, RAL 9005
Design	Standard	Design of housing	Base housing
Design of locking system	Clamping yoke connection	Internal thread	M 20
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	Silicone	Size	4
Size of cable entries	M 20	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	Base housing

## 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

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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**

REACH SVHC

/

Chemical resistance

de.myview.objectmodel.impl.BlockImpl@5dec47fa de.myview.objectmodel.impl.BlockImpl@7eb717b  
 de.myview.objectmodel.impl.BlockImpl@5fee5d83 de.myview.objectmodel.impl.BlockImpl@29d28f1a  
 de.myview.objectmodel.impl.BlockImpl@16bede4d de.myview.objectmodel.impl.BlockImpl@4a021548  
 de.myview.objectmodel.impl.BlockImpl@672d4bce de.myview.objectmodel.impl.BlockImpl@5abaa26e  
 de.myview.objectmodel.impl.BlockImpl@3a1643c2 de.myview.objectmodel.impl.BlockImpl@6064b99d  
 de.myview.objectmodel.impl.BlockImpl@6d9aed64

**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](#)

### HDC IP68 10B SS 1M20

**Weidmüller Interface GmbH & Co. KG**

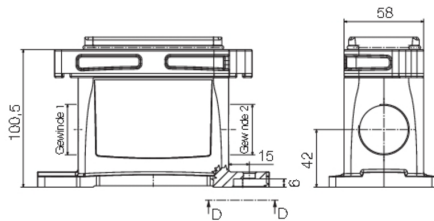
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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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.	<a href="#">1987510000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118379228	
Qty.	1 pc(s).	