

## HDC IP68 10B SS 1PG29

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



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), Base housing, Clamping yoke connection, Standard, Size of cable entries: PG 29
Order No.	<a href="#">1081290000</a>
Type	HDC IP68 10B SS 1PG29
GTIN (EAN)	4032248877355
Qty.	1 pc(s).

Creation date March 22, 2021 11:16:06 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Height	100.5 mm	Height (inches)	3.957 inch
Mounting dimension - height	60 mm	Mounting dimension - width	140 mm
Net weight	903 g	Width	80 mm
Width (inches)	3.15 inch		

### Temperatures

Limit temperature	-50 °C ... 125 °C
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### Environmental Product Compliance

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

Cable entry	w. threading	Hole pitch length A2	140 mm
Total length housing	169 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

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**Technical data****Version**

Cable entry	w. threading	Clamp version	Clamping yoke connection
Design	Standard	Design of housing	Base housing
Design of locking system	Clamping yoke connection	Internal thread	PG 29
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	Silicone	Size	4
Size of cable entries	PG 29	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	Base housing

**Classifications**

ETIM 6.0	EC000437	ETIM 7.0	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

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN</a>

**Data sheet**

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**Drawings**

