

## HDC IP68 16B TSS 1M50

**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: 6, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 50
Order No.	<a href="#">1082820000</a>
Type	HDC IP68 16B TSS 1M50
GTIN (EAN)	4032248845866
Qty.	1 pc(s).

Creation date March 22, 2021 11:23:41 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	110.5 mm	Height (inches)	4.35 inch
Net weight	455 g	Width	58 mm
Width (inches)	2.283 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	Height of housing B	164 mm
Total length housing	110.5 mm		

### General data

EMC housings	Yes	Housing main material	diecast aluminium
Material of locking element		Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)
	Stainless steel, rust-proof		
Surface finish	Powder coating	Tightening torque	6.5 Nm

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### Version

Cable entry	w. threading	Clamp version	Clamping yoke connection
Design	Standard	Design of housing	Plug housing
Design of locking system	Clamping yoke connection	Internal thread	M 50
Number of cable entry on top	0	Number of cable entry sideways	1
Size	6	Size of cable entries	M 50
Suitable for ModuPlug®	Yes	Tightening torque	6.5 Nm
Top part/bottom part/lid	upper part	Type	Plug

### 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**

