## HDC IP68 16B TSS 1M50



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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 EMCresistant.

#### **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.	<u>1082820000</u>
Туре	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.

**Technical data** 

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Dimensions and weights			
	440.5		4.05
Height	110.5 mm	Height (inches)	4.35 inch
Net weight	455 g	Width	58 mm
Nidth (inches)	2.283 inch		
Temperatures			
Limit temperature	-50 °C 125 °C		
Environmental Product C	ompliance		
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	Vac	Housing main restarial	
EMC housings	Yes	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)
Surface finish		Tightoning torgue	6.5 Nm
	Powder coating	Tightening torque	0.0 Nm

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# **Technical data**

### 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 <sup>®</sup>	Yes	Tightening torque	6.5 Nm
Top part/bottom part/lid	upper part	Туре	Plug

## Classifications

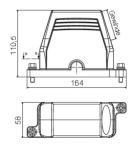
ETIM 6.0	EC000437	ETIM 7.0	EC000437
ECLASS 9.0	27-44-02-02	ECLASS 9.1	27-44-02-02
ECLASS 10.0	27-44-02-02	ECLASS 11.0	27-44-02-02

#### Approvals

Approvals	CE
ROHS	Conform
Downloads	
Approval/Certificate/Document of	
Conformity	Manufacturer's declaration
Engineering Data	STEP
Engineering Data	EPLAN

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# Drawings





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