

HDC IP68 16B TOS 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 EMC-resistant.

General ordering data

Version	HDC enclosures, Size: 6, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Cable entry from top, Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 50
Order No.	1082730000
Type	HDC IP68 16B TOS 1M50
GTIN (EAN)	4032248845842
Qty.	1 pc(s).

Creation date March 22, 2021 11:23:03 PM CET

HDC IP68 16B TOS 1M50

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Height	110.5 mm	Height (inches)	4.35 inch
Net weight	569 g	Width	58 mm
Width (inches)	2.283 inch		

Temperatures

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

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
-------------	--------------	---------------------	--------

General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)	Surface finish	Powder coating
Tightening torque	6.5 Nm		

Version

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

Creation date March 22, 2021 11:23:03 PM CET

HDC IP68 16B TOS 1M50**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****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

DownloadsApproval/Certificate/Document of
Conformity[Manufacturer's declaration](#)

Engineering Data

[STEP](#)

Engineering Data

[EPLAN](#)

HDC IP68 16B TOS 1M50

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

