

HDC IP68 16B COVER**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), Cover for lower part of housing, Clamping yoke connection, Standard
Order No.	1083080000
Type	HDC IP68 16B COVER
GTIN (EAN)	4032248846849
Qty.	1 pc(s).

Creation date October 11, 2022 7:08:00 PM CEST

Catalogue status 07.10.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Height	31 mm	Height (inches)	1.22 inch
Width	58 mm	Width (inches)	2.283 inch
Net weight	181 g		

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

Total length housing	164 mm
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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

Version

BG	6	Clamp version	Clamping yoke connection
Colour (RAL)	RAL 9011, RAL 9005	Design	Standard
Design of housing	Cover for lower part of housing	Design of locking system	Clamping yoke connection
Size	6	Suitable for ModuPlug®	Yes
Tightening torque	6.5 Nm	Top part/bottom part/lid	Cover
Type	Cover		

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Technical data**Classifications**

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	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

Approvals

Approvals



ROHS

Conform

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Conformity[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[EPLAN](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

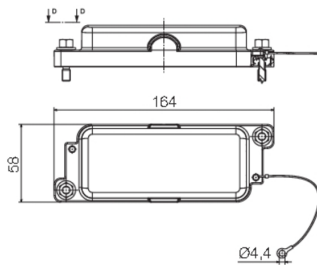
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Drawings



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