HDC IP68 16B SS 2M40

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), Base housing, Clamping yoke connection, Standard, Size of cable entries: M 40
Order No.	1081370000
Type	HDC IP68 16B SS 2M40
GTIN (EAN)	4032248877423
Qty.	1 pc(s).

Creation date December 5, 2023 9:08:41 AM CET

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Technical data

Dimensions and weights

Height	111.5 mm	Height (inches)	4.39 inch
Width	80 mm	Width (inches)	3.15 inch
Mounting dimension - height	60 mm	Mounting dimension - width	160 mm
Net weight	1,029 g		

Temperatures

Limit temperature	-50 °C ... 125 °C

Dimensions

Cable entry	w. thread	Height of housing B	111.5 mm
Hole pitch length A2	160 mm	Total length housing	189 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

Version

BG	6	Cable entry	w. thread
Clamp version	Clamping yoke connection	Colour (RAL)	RAL 9011, RAL 9005
Design	Standard	Design of housing	Base housing
Design of locking system	Clamping yoke connection	Internal thread	M 40
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	Silicone	Size	6
Size of cable entries	M 40	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	Base housing

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	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	ECLASS 13.0	27440202

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

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Technical data

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

Approvals

Approvals	
ROHS	Conform

Downloads

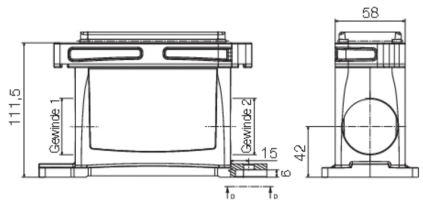
Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories

IP68 O-ring seals



We offer a variety of accessories, including seals, to accompany the housings.
Because of the excellent sealing, you can achieve the best seal possible with our housings.
Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

General ordering data

Type	HDC DG 16B IP68	Version
Order No.	1987530000	Accessories, Enclosures accessories, Protection degree: Design of
GTIN (EAN)	4050118379181	housing: Clamp version: Design: Approvals :
Qty.	1 pc(s).	