

HDC IP68 16B FRAME M6**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), , Clamping yoke connection, Standard
Order No.	1110910000
Type	HDC IP68 16B FRAME M6
GTIN (EAN)	4032248886975
Qty.	1 pc(s).

Creation date September 16, 2022 12:06:03 AM CEST

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Technical data

Dimensions and weights

Depth	129 mm	Depth (inches)	5.079 inch
Height	14 mm	Height (inches)	0.551 inch
Width	58 mm	Width (inches)	2.283 inch
Mounting dimension - height	32 mm	Mounting dimension - width	103 mm
Net weight	75 g		

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

Height of housing B	14 mm	Hole pitch length A2	103 mm
Total length housing	129 mm		

General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)		

Version

BG	6	Colour (RAL)	RAL 7001, RAL 9005
Design	Standard	Design of locking system	Clamping yoke connection
Size	6	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

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Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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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

Downloads

Approval/Certificate/Document of 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	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

