

HDC IP68 16B FRAME M6**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**IP68**

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: IP69K, 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).

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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	66 g		

Temperatures

Limit temperature	-50 °C ... 125 °C
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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	IP69K, 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)

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	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	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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

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Technical data

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@72073881 de.myview.objectmodel.impl.BlockImpl@478aebf8 de.myview.objectmodel.impl.BlockImpl@79b4a2f4 de.myview.objectmodel.impl.BlockImpl@613f5276 de.myview.objectmodel.impl.BlockImpl@2ab7bde0 de.myview.objectmodel.impl.BlockImpl@3a725665 de.myview.objectmodel.impl.BlockImpl@668de0dd de.myview.objectmodel.impl.BlockImpl@7d3ab298 de.myview.objectmodel.impl.BlockImpl@6a754862 de.myview.objectmodel.impl.BlockImpl@429cea37 de.myview.objectmodel.impl.BlockImpl@4b9e71b1

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/
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

