

HDC IP68 10B SS 1M32**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: 4, Protection degree: IP69K, IP66 (in plugged condition), IP68 (in plugged condition), Base housing, Clamping yoke connection, Standard, Size of cable entries: M 32
Order No.	1081280000
Type	HDC IP68 10B SS 1M32
GTIN (EAN)	4032248877348
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	101 mm	Height (inches)	3.976 inch
Width	80 mm	Width (inches)	3.15 inch
Mounting dimension - height	60 mm	Mounting dimension - width	140 mm
Net weight	913 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	101 mm
Hole pitch length A2	140 mm	Total length housing	169 mm

General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP69K, IP66 (in plugged condition), IP68 (in plugged condition)	Surface finish	Powder coating

Version

BG	4	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 32
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	Silicone	Size	4
Size of cable entries	M 32	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
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

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Technical data

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@720262a3 de.myview.objectmodel.impl.BlockImpl@40240eda de.myview.objectmodel.impl.BlockImpl@8884838 de.myview.objectmodel.impl.BlockImpl@ca8d0d6 de.myview.objectmodel.impl.BlockImpl@6d5eac9a de.myview.objectmodel.impl.BlockImpl@dec2d35 de.myview.objectmodel.impl.BlockImpl@476f7d38 de.myview.objectmodel.impl.BlockImpl@d8b2b63 de.myview.objectmodel.impl.BlockImpl@15296c34 de.myview.objectmodel.impl.BlockImpl@79407e21 de.myview.objectmodel.impl.BlockImpl@457a4a8c

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ 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

