

HDC IP68 24B TOS 1M50**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: 8, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 50
Order No.	1082880000
Type	HDC IP68 24B TOS 1M50
GTIN (EAN)	4032248846436
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	110.5 mm	Height (inches)	4.35 inch
Width	58 mm	Width (inches)	2.283 inch
Net weight	550.88 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	110.5 mm
Total length housing	191 mm		

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	8	Cable entry	w. thread
Clamp version	Clamping yoke connection	Colour (RAL)	RAL 9011, RAL 9005
Design	Standard	Design of housing	Plug housing
Design of locking system	Clamping yoke connection	Internal thread	M 50
Number of cable entry on top	1	Number of cable entry sideways	0
Size	8	Size of cable entries	M 50
Suitable for ModuPlug®	Yes	Tightening torque	6.5 Nm
Top part/bottom part/lid	upper part	Type	Plug

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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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@296a74cb de.myview.objectmodel.impl.BlockImpl@67b35dfd de.myview.objectmodel.impl.BlockImpl@16a265ab de.myview.objectmodel.impl.BlockImpl@1a672de de.myview.objectmodel.impl.BlockImpl@7b10820d de.myview.objectmodel.impl.BlockImpl@6317427 de.myview.objectmodel.impl.BlockImpl@3bbd677 de.myview.objectmodel.impl.BlockImpl@3139745c de.myview.objectmodel.impl.BlockImpl@4e46989c de.myview.objectmodel.impl.BlockImpl@43db4d3f de.myview.objectmodel.impl.BlockImpl@1e8e235d

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

