

HDC IP68 16B 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: 6, Protection degree: IP69K, IP68 (in plugged condition), IP66 (in plugged condition), Cable entry from top, Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 50
Order No.	1082730000
Type	HDC IP68 16B TOS 1M50
GTIN (EAN)	4032248845842
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	111 mm	Height (inches)	4.37 inch
Width	58 mm	Width (inches)	2.283 inch
Net weight	569 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	111 mm
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General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP69K, IP68 (in plugged condition), IP66 (in plugged condition)	Surface finish	Powder coating
Tightening torque	6.5 Nm		

Version

BG	6	Cable entry	w. thread
Colour (RAL)	RAL 9011, RAL 9005	Design	Standard
Design of housing	Cable entry from top, 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	6
Size of cable entries	M 50	Suitable for ModuPlug®	Yes
Tightening torque	6.5 Nm	Top part/bottom part/lid	upper part

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

Creation date May 7, 2025 3:12:51 AM CEST

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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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@390fad1 de.myview.objectmodel.impl.BlockImpl@2a5fd622 de.myview.objectmodel.impl.BlockImpl@6fd5b025 de.myview.objectmodel.impl.BlockImpl@61811688 de.myview.objectmodel.impl.BlockImpl@25a75d2c de.myview.objectmodel.impl.BlockImpl@711d717c de.myview.objectmodel.impl.BlockImpl@330bb3e2 de.myview.objectmodel.impl.BlockImpl@5a57d65d de.myview.objectmodel.impl.BlockImpl@4506ae06 de.myview.objectmodel.impl.BlockImpl@5f0aa14b de.myview.objectmodel.impl.BlockImpl@31f08deb

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

