

HDC IP68 16B TSS 1M50**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: IP68 (in plugged condition), IP66 (in plugged condition), IP69K, Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 50
Order No.	1082820000
Type	HDC IP68 16B TSS 1M50
GTIN (EAN)	4032248845866
Qty.	1 pc(s).

Creation date November 26, 2024 12:29:52 PM CET

Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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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	455 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	111 mm
Total length housing	110.5 mm		

General data

EMC housings	Yes	Housing main material	diecast aluminium
Material of locking element		Protection degree	IP68 (in plugged condition), IP66 (in plugged condition), IP69K
	Stainless steel, rust-proof		
Surface finish	Powder coating	Tightening torque	6.5 Nm

Version

BG	6	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	0	Number of cable entry sideways	1
Size	6	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
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		

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

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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@52ddf3e6 de.myview.objectmodel.impl.BlockImpl@7eeb0a88 de.myview.objectmodel.impl.BlockImpl@594f813 de.myview.objectmodel.impl.BlockImpl@7c645522 de.myview.objectmodel.impl.BlockImpl@419bcb8b de.myview.objectmodel.impl.BlockImpl@6782367a de.myview.objectmodel.impl.BlockImpl@45741ef9 de.myview.objectmodel.impl.BlockImpl@1b679e30 de.myview.objectmodel.impl.BlockImpl@43fd944 de.myview.objectmodel.impl.BlockImpl@72f80e5f de.myview.objectmodel.impl.BlockImpl@179e452f

Approvals

Approvals



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

