

HDC 10B TSBO 1M20G**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: 4, Protection degree: IP65 (in plugged condition), IP68 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 20
Order No.	2498220000
Type	HDC 10B TSBO 1M20G
GTIN (EAN)	4050118514049
Qty.	1 pc(s).

Creation date May 11, 2025 9:18:53 PM CEST

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Technical data

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	52 mm	Height (inches)	2.047 inch
Width	43 mm	Width (inches)	1.693 inch
Net weight	214 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Dimensions

Cable entry	w. thread
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General data

EMC housings	No	Housing main material	diecast aluminium
Protection degree	IP65 (in plugged condition), IP68 (in plugged condition)	Surface finish	Powder coating

Version

BG	4	Cable entry	w. thread
Colour (RAL)	RAL 7035	Design	Standard
Design of housing	Cable entry from side, Plug housing	Design of locking system	Side-locking clamp on upper side
Internal thread	M 20	Number of cable entry on top	0
Number of cable entry sideways	1	Size	4
Size of cable entries	M 20	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	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Resistant

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Technical data

Substance	Hydraulic oil
Chemical resistance	Resistant
Substance	Coolant
Chemical resistance	Resistant
Substance	Petroleum benzine
Chemical resistance	Resistant
Substance	Sweat
Chemical resistance	Resistant
Substance	Premium gasoline
Chemical resistance	Conditionally resistant
Substance	Water
Chemical resistance	Resistant
Substance	UV
Chemical resistance	Unstable
Substance	Ozone
Chemical resistance	Unstable

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@9008bfa de.myview.objectmodel.impl.BlockImpl@35a885d6 de.myview.objectmodel.impl.BlockImpl@6c781b0e de.myview.objectmodel.impl.BlockImpl@4d9f3141 de.myview.objectmodel.impl.BlockImpl@404d2c53 de.myview.objectmodel.impl.BlockImpl@31ba97b9 de.myview.objectmodel.impl.BlockImpl@1db65aeb de.myview.objectmodel.impl.BlockImpl@29976525 de.myview.objectmodel.impl.BlockImpl@91ebf0 de.myview.objectmodel.impl.BlockImpl@6573a304 de.myview.objectmodel.impl.BlockImpl@4a3dcc43 de.myview.objectmodel.impl.BlockImpl@5891366c de.myview.objectmodel.impl.BlockImpl@575098e5

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

HDC 10B TSBO 1M20G**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Cover**

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 10B DMDQ 4BO	Version
Order No.	1665250000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on upper side, Standard
GTIN (EAN)	4008190421953	
Qty.	1 pc(s).	