

HDC 10B SDLU 2M20G

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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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

Version	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 20
Order No.	1787700000
Type	HDC 10B SDLU 2M20G
GTIN (EAN)	4032248205042
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	79.5 mm	Height (inches)	3.13 inch
Width	98.9 mm	Width (inches)	3.894 inch
Mounting dimension - height	40 mm	Mounting dimension - width	82 mm
Net weight	352 g		

Temperatures

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

Cable entry	w. thread	Height of base B1	5 mm
Height of housing B	57 mm	Hole pitch length A2	82 mm
Total length housing	73 mm	Width base C1	53.5 mm
Width housing C	43 mm		

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating

Version

BG	4	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Cover	with cover	Design	Standard
Design of cover	with cover	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Internal thread	M 20
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	4
Size of cable entries	M 20	Suitable for ModuPlug®	No
Top part/bottom part/lid	lower part	Type	Base housing

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	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

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol
Chemical resistance	Resistant

Creation date March 6, 2023 8:57:42 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Substance	Transmission oil
Chemical resistance	Resistant
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

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@1371c1fc de.myview.objectmodel.impl.BlockImpl@5d82c9a1 de.myview.objectmodel.impl.BlockImpl@119c79be de.myview.objectmodel.impl.BlockImpl@4ddf9d8a de.myview.objectmodel.impl.BlockImpl@50bccbec de.myview.objectmodel.impl.BlockImpl@1bb8cf9b de.myview.objectmodel.impl.BlockImpl@699b04db de.myview.objectmodel.impl.BlockImpl@5819e7af de.myview.objectmodel.impl.BlockImpl@6e4ca4eb de.myview.objectmodel.impl.BlockImpl@33d56aae de.myview.objectmodel.impl.BlockImpl@2591dd3 de.myview.objectmodel.impl.BlockImpl@15eab6a8 de.myview.objectmodel.impl.BlockImpl@1e0a2302

Approvals

Approvals



ROHS

Conform

Data sheet

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration	www.weidmueller.com
Engineering Data	CAD data – STEP	
Engineering Data	WSCAD	
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen	
Technical Documentation	1787700000_HDC_10B_SDLU_2M20G_STP_Blatt__1.pdf	
Catalogues	Catalogues in PDF-format	
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN	

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