

HDC 10B SDBO 1M20G

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 20
Order No.	1901490000
Type	HDC 10B SDBO 1M20G
GTIN (EAN)	403224858825 1
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	79.5 mm	Height (inches)	3.13 inch
Width	77.2 mm	Width (inches)	3.039 inch
Mounting dimension - height	40 mm	Mounting dimension - width	82 mm
Net weight	296 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 for this version of cover: IP20
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating

Version

BG	4	Cable entry	w. thread
Clamp version	Side-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	Side-locking clamp on upper side	Internal thread	M 20
Number of cable entry on top	0	Number of cable entry sideways	1
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

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Technical data

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@ee67cc6 de.myview.objectmodel.impl.BlockImpl@25700ddc de.myview.objectmodel.impl.BlockImpl@602cc2f4 de.myview.objectmodel.impl.BlockImpl@4c0079a1 de.myview.objectmodel.impl.BlockImpl@71bd2cab de.myview.objectmodel.impl.BlockImpl@5406d1ad de.myview.objectmodel.impl.BlockImpl@52bb92bb de.myview.objectmodel.impl.BlockImpl@1db9243c de.myview.objectmodel.impl.BlockImpl@5f99b54 de.myview.objectmodel.impl.BlockImpl@6790a9ff de.myview.objectmodel.impl.BlockImpl@6930d1fc de.myview.objectmodel.impl.BlockImpl@3dfc8022 de.myview.objectmodel.impl.BlockImpl@74169ff2

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data	CAD data – STEP
Engineering Data	WSCAD
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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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Data sheet

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Drawings

