

HDC 32A SDBO 2M32G

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: 7, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 32
Order No.	1788050000
Type	HDC 32A SDBO 2M32G
GTIN (EAN)	4032248205493
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	97 mm	Height (inches)	3.819 inch
Width	89.2 mm	Width (inches)	3.512 inch
Mounting dimension - height	46 mm	Mounting dimension - width	92 mm
Net weight	444 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	75 mm	Hole pitch length A2	92 mm
Total length housing	82 mm	Width base C1	64.5 mm
Width housing C	56 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
Tightening torque	1.2 Nm		

Version

BG	7	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 32
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	7
Size of cable entries	M 32	Suitable for ModuPlug®	No
Tightening torque	1.2 Nm	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

Creation date March 6, 2023 9:29:35 PM CET

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

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Substance	Ethyl alcohol
Chemical resistance	Resistant
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

SCIP

d447edfa-0214-4f34-b5ba-82eae491b46a

Chemical resistance

de.myview.objectmodel.impl.BlockImpl@7c3024fe de.myview.objectmodel.impl.BlockImpl@33ec6b83
de.myview.objectmodel.impl.BlockImpl@7778d83a de.myview.objectmodel.impl.BlockImpl@25792839
de.myview.objectmodel.impl.BlockImpl@5893ffbc de.myview.objectmodel.impl.BlockImpl@873375e
de.myview.objectmodel.impl.BlockImpl@39fb8762 de.myview.objectmodel.impl.BlockImpl@55af5884
de.myview.objectmodel.impl.BlockImpl@12062392 de.myview.objectmodel.impl.BlockImpl@35e3f4b
de.myview.objectmodel.impl.BlockImpl@667b68d5 de.myview.objectmodel.impl.BlockImpl@493f67e6
de.myview.objectmodel.impl.BlockImpl@6a86d7e0

Approvals

Approvals



ROHS

Conform

UL File Number Search

UL Website

Certificate No. (cURus)

E92202

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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	DE - HDC base housings size 16D/32A/32B DE - HDC base housings size 16D/32A/32B 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen	
Technical Documentation	1788050000 HDC_32A_SDBO_2M32G_STP_Blatt_1.pdf	
Catalogues	Catalogues in PDF-format	
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN	

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Drawings

