

## HDC 32A ADBO

**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), Bulkhead housing, Side-locking clamp on upper side, Standard, with cover
Order No.	<a href="#">1666440000</a>
Type	HDC 32A ADBO
GTIN (EAN)	4008190871260
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	104 mm	Depth (inches)	4.094 inch
Height	46.4 mm	Height (inches)	1.827 inch
Width	89 mm	Width (inches)	3.504 inch
Mounting dimension - height	42 mm	Mounting dimension - width	92 mm
Net weight	178 g		

## Temperatures

Limit temperature -40 °C ... 125 °C

## Dimensions

Height of base B1	7 mm	Height of housing B	30 mm
Hole pitch length A2	92 mm	Total length housing	82 mm
Width base C1	60.5 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	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035	Cover	with cover
Design	Standard	Design of cover	with cover
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on upper side
Sealing	NBR	Size	7
Suitable for ModuPlug®	No	Tightening torque	1.2 Nm
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

## 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 2, 2023 3:45:42 PM CET

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

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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
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@12262a8b de.myview.objectmodel.impl.BlockImpl@10a45822 de.myview.objectmodel.impl.BlockImpl@31760417 de.myview.objectmodel.impl.BlockImpl@49b02efb de.myview.objectmodel.impl.BlockImpl@6ae13734 de.myview.objectmodel.impl.BlockImpl@58360702 de.myview.objectmodel.impl.BlockImpl@59e1e6af de.myview.objectmodel.impl.BlockImpl@116ecc9e de.myview.objectmodel.impl.BlockImpl@72d51110 de.myview.objectmodel.impl.BlockImpl@1a33065f de.myview.objectmodel.impl.BlockImpl@4c315f28 de.myview.objectmodel.impl.BlockImpl@2bdc600c de.myview.objectmodel.impl.BlockImpl@715bb9f6

**Important note**

Product information	When mounting the housings, make sure that the flat gasket is correctly seated.
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**Approvals**

Approvals	
ROHS	Conform

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Conformity[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[WSCAD](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

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Brochures

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**Drawings**

