

**HDC 10B ADBO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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), Bulkhead housing, Side-locking clamp on upper side, Standard, with cover
Order No.	<a href="#">1205600000</a>
Type	HDC 10B ADBO
GTIN (EAN)	4008190153649
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Height	52 mm	Height (inches)	2.047 inch
Width	77.3 mm	Width (inches)	3.043 inch
Mounting dimension - height	32 mm	Mounting dimension - width	83 mm
Net weight	154 g		

**Temperatures**

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

Height of base B1	5 mm	Height of housing B	52 mm
Hole pitch length A2	83 mm	Total length housing	73 mm
Width base C1	47 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	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	4
Suitable for ModuPlug®	Yes	Top part/bottom part/lid	lower part
Type	Bulkhead (feed-through)		

**Classifications**

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	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

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

Creation date April 27, 2024 2:28:32 PM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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## Technical data

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@2a656e3f de.myview.objectmodel.impl.BlockImpl@4c8266d9 de.myview.objectmodel.impl.BlockImpl@7c3cfb49 de.myview.objectmodel.impl.BlockImpl@29e4831 de.myview.objectmodel.impl.BlockImpl@30bcacb de.myview.objectmodel.impl.BlockImpl@5ce0c0dd de.myview.objectmodel.impl.BlockImpl@471d8ebb de.myview.objectmodel.impl.BlockImpl@373289a9 de.myview.objectmodel.impl.BlockImpl@6ab24016 de.myview.objectmodel.impl.BlockImpl@308e93b5 de.myview.objectmodel.impl.BlockImpl@1bcdab49 de.myview.objectmodel.impl.BlockImpl@38111658 de.myview.objectmodel.impl.BlockImpl@40db43bc

## 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
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1205600000 HDC\\_10B\\_ADBO\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

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## Drawings

