

## HDC 10B ALU

**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, End-locking clamp, lower side, Standard
Order No.	<a href="#">1206100000</a>
Type	HDC 10B ALU
GTIN (EAN)	4008190881344
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Height	29.3 mm	Height (inches)	1.154 inch
Width	74.4 mm	Width (inches)	2.929 inch
Mounting dimension - height	32 mm	Mounting dimension - width	83 mm
Net weight	131 g		

## Temperatures

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

Height of base B1	5.3 mm	Height of housing B	29 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 degree	IP65 (in plugged condition)
Surface finish	Powder coating		

## Version

BG	4	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Cover	without cover
Design	Standard	Design of housing	Bulkhead housing
Design of locking system	End-locking clamp, lower 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	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
Substance	Transmission oil
Chemical resistance	Resistant
Substance	Hydraulic oil

Creation date April 11, 2023 12:47:55 PM CEST

Catalogue status 31.03.2023 / We reserve the right to make technical changes.

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**Technical data**

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@63e282ff de.myview.objectmodel.impl.BlockImpl@6da60d67 de.myview.objectmodel.impl.BlockImpl@29f93f21 de.myview.objectmodel.impl.BlockImpl@128e13e4 de.myview.objectmodel.impl.BlockImpl@658c9e30 de.myview.objectmodel.impl.BlockImpl@389c7ad3 de.myview.objectmodel.impl.BlockImpl@587c4ad6 de.myview.objectmodel.impl.BlockImpl@3a0f730e de.myview.objectmodel.impl.BlockImpl@3bf30761 de.myview.objectmodel.impl.BlockImpl@6062a82e de.myview.objectmodel.impl.BlockImpl@5a72640e de.myview.objectmodel.impl.BlockImpl@1b24eb4d de.myview.objectmodel.impl.BlockImpl@384f2f47

**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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**Data sheet****HDC 10B ALU**

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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Technical Documentation	<a href="#">1206100000_HDC_10B_ALU_STP_Blatt_1.pdf</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

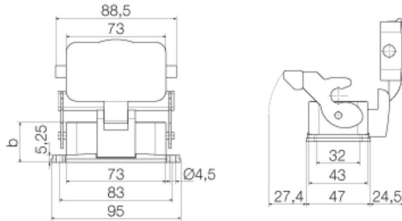
**Data sheet**

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**Drawings**



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