

**HDC 10B AZO****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 lower side, Standard
Order No.	<a href="#">1901700000</a>
Type	HDC 10B AZO
GTIN (EAN)	4032248592937
Qty.	1 pc(s).

## HDC 10B AZO

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## Technical data

## Dimensions and weights

Depth	95 mm	Depth (inches)	3.74 inch
Height	29 mm	Height (inches)	1.142 inch
Width	59 mm	Width (inches)	2.323 inch
Mounting dimension - height	32 mm	Mounting dimension - width	83 mm
Net weight	82 g		

## Temperatures

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

Height of base B1	5 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	Central-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on 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	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
Chemical resistance	Resistant

Creation date May 9, 2024 7:10:48 PM CEST

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## Technical data

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@599b35f4 de.myview.objectmodel.impl.BlockImpl@17db3de2 de.myview.objectmodel.impl.BlockImpl@7553028e de.myview.objectmodel.impl.BlockImpl@6fc4b153 de.myview.objectmodel.impl.BlockImpl@6ff00dca de.myview.objectmodel.impl.BlockImpl@218a09fb de.myview.objectmodel.impl.BlockImpl@4ca02836 de.myview.objectmodel.impl.BlockImpl@62456d8 de.myview.objectmodel.impl.BlockImpl@69d5958b de.myview.objectmodel.impl.BlockImpl@18e18c9b de.myview.objectmodel.impl.BlockImpl@55cde629 de.myview.objectmodel.impl.BlockImpl@717be8de de.myview.objectmodel.impl.BlockImpl@34c752b7

## 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

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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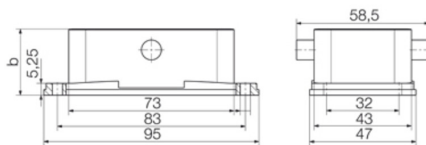
Catalogue status 04.05.2024 / We reserve the right to make technical changes.

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Plug enclosure, cable entry sideways**

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**General ordering data**

Type	HDC 24D TSZO 1PG21G	Version
Order No.	<a href="#">1968360000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Central locking at the top, high, Size of cable entries: PG 21
GTIN (EAN)	4032248772858	
Qty.	1 pc(s).	
Type	HDC 24D TSZO 1M25G	Version
Order No.	<a href="#">1903610000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Central locking at the top, high, Size of cable entries: M 25
GTIN (EAN)	4032248593002	
Qty.	1 pc(s).	