

**HDC 10B ABO****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
Order No.	<a href="#">1052430000</a>
Type	HDC 10B ABO
GTIN (EAN)	4032248794218
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Height	25 mm	Height (inches)	0.984 inch
Width	58.5 mm	Width (inches)	2.303 inch
Net weight	73 g		

## Temperatures

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

Height of housing B	29 mm	Width housing C	43 mm
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## General data

EMC housings	No	Housing main material	diecast aluminium
Protection degree	IP65 (in plugged condition)		

## Version

BG	4	Colour (RAL)	RAL 7035
Cover	without cover	Design	Standard
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

## 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
Substance	Hydraulic oil
Chemical resistance	Resistant
Substance	Coolant
Chemical resistance	Resistant

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## Technical data

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@1221b8a2 de.myview.objectmodel.impl.BlockImpl@6f0e592c de.myview.objectmodel.impl.BlockImpl@33aada54 de.myview.objectmodel.impl.BlockImpl@303bc0b4 de.myview.objectmodel.impl.BlockImpl@2f409ab9 de.myview.objectmodel.impl.BlockImpl@329a6144 de.myview.objectmodel.impl.BlockImpl@57076539 de.myview.objectmodel.impl.BlockImpl@3957210d de.myview.objectmodel.impl.BlockImpl@12e9f1cc de.myview.objectmodel.impl.BlockImpl@73983294 de.myview.objectmodel.impl.BlockImpl@1f5abf73 de.myview.objectmodel.impl.BlockImpl@1f05badc de.myview.objectmodel.impl.BlockImpl@42bf5f61

## 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

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
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	

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## Drawings

