

## HDC 10B ABU

**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, Side-locking clamp not replaceable, Standard
Order No.	<a href="#">1205000000</a>
Type	HDC 10B ABU
GTIN (EAN)	4008190872960
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Height	29.3 mm	Height (inches)	1.154 inch
Width	55 mm	Width (inches)	2.165 inch
Mounting dimension - height	32 mm	Mounting dimension - width	83 mm
Net weight	146 g		

## Temperatures

Limit temperature	-40 °C ... 125 °C
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3		
Chemical resistance	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	
	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		

## Dimensions

Height of base B1	5.3 mm	Height of housing B	29.5 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	

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## Version

BG	4	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of housing		Design of locking system	Side-locking clamp on lower side, Side-locking clamp not replaceable
	Bulkhead housing		
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		

## Important note

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

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E92202

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</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="#">1205000000 HDC_10B_ABU_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**

