

## HDC 16B ADBO

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 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, Installation size: 6, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: none
Order No.	<a href="#">1209200000</a>
Type	HDC 16B ADBO
GTIN (EAN)	4008190871130
Qty.	1 items

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## Technical data

## Approvals

## Approvals



ROHS Conform  
UL File Number Search [UL Website](#)  
Certificate No. (cURus) E92202

## Dimensions and weights

Depth	115 mm	Depth (inches)	4.5275 inch
Height	47 mm	Height (inches)	1.8504 inch
Width	77 mm	Width (inches)	3.0315 inch
Mounting dimension - height	32 mm	Mounting dimension - width	103 mm
Net weight	178 g		

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption	
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3	
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f	
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

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## Technical data

## Dimensions

Hole pitch length A2	103 mm
Width housing C	43 mm
Total length housing	93 mm
Height of base B1	5 mm

Cable entry	No
Width base C1	47 mm
Height of housing B	29 mm

## General data

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

Surface finish	Powder coating
Protection class note	Protection class for this version of cover: IP20
Material of locking element	Stainless steel, rust-proof

## Version

Number of cable glands	0
Top part/bottom part/lid	lower part
Number of cable entry sideways	0
Design of housing	Bulkhead housing
Design	Standard
Cable entry	No
Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035
Suitable for ModuPlug®	Yes

Size of cable entries	none
Cover	without cover
Design of cover	with cover
Design of locking system	Side-locking clamp on upper side
Installation size	6
Type	Bulkhead (feed-through)
Sealing	NBR
BG	6

## Important note

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

## Classifications

ETIM 8.0	EC000437
ETIM 10.0	EC000437
ECLASS 15.0	27-44-02-02

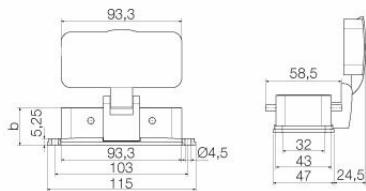
ETIM 9.0	EC000437
ECLASS 14.0	27-44-02-02

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**Drawings**

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**Accessories****Cover**

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**General ordering data**

Type	HDC 16B DODQ 2QB	Version
Order No.	<a href="#">1009090000</a>	HDC enclosures, Installation size: 6, Protection degree: IP65, in
GTIN (EAN)	4032248713837	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: none