

**HDC 16B ADBO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**IP65**

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: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, Standard, with cover
Order No.	<a href="#">1209200000</a>
Type	HDC 16B ADBO
GTIN (EAN)	4008190871130
Qty.	1 pc(s).

## HDC 16B ADBO

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## Technical data

## Dimensions and weights

Depth	115 mm	Depth (inches)	4.528 inch
Height	47 mm	Height (inches)	1.85 inch
Width	77 mm	Width (inches)	3.031 inch
Mounting dimension - height	32 mm	Mounting dimension - width	103 mm
Net weight	178 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	103 mm	Total length housing	93 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 class note	Protection class for this version of cover: IP20
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating

## Version

BG	6	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035	Cover	with cover
Design	Standard	Design of cover	with cover
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on upper side
Sealing	NBR	Size	6
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

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## Technical data

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

## 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@213ae47c de.myview.objectmodel.impl.BlockImpl@5e9c1daf de.myview.objectmodel.impl.BlockImpl@1ee894aa de.myview.objectmodel.impl.BlockImpl@54e924e8 de.myview.objectmodel.impl.BlockImpl@2286230d de.myview.objectmodel.impl.BlockImpl@1c492397 de.myview.objectmodel.impl.BlockImpl@465ea970 de.myview.objectmodel.impl.BlockImpl@5b0d0b37 de.myview.objectmodel.impl.BlockImpl@4800c510 de.myview.objectmodel.impl.BlockImpl@1d00021c de.myview.objectmodel.impl.BlockImpl@2ea63de5 de.myview.objectmodel.impl.BlockImpl@1d41cfb5 de.myview.objectmodel.impl.BlockImpl@5327a148

## 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

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1209200000 HDC 16B ADBO STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

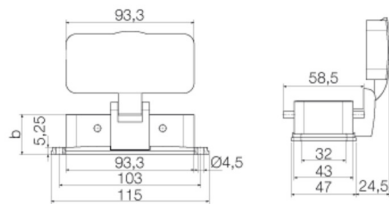
[FL FIELDWIRING EN](#)

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Cover**

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**General ordering data**

Type	HDC 16B DODQ 2QB	Version
Order No.	<a href="#">1009090000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on upper side, Standard
GTIN (EAN)	4032248713837	
Qty.	1 pc(s).	