

## HDC 16B 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: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Side-locking clamp not replaceable, Standard
Order No.	<a href="#">1208600000</a>
Type	HDC 16B ABU
GTIN (EAN)	4008190881351
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	103 mm
Net weight	159 g		

## Temperatures

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

Height of base B1	5.3 mm	Height of housing B	29.5 mm
Hole pitch length A2	103 mm	Total length housing	93.3 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	6	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side, Side-locking clamp not replaceable
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
Substance	Transmission oil
Chemical resistance	Resistant

Creation date July 26, 2024 1:39:22 PM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

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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 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@5f33de9f de.myview.objectmodel.impl.BlockImpl@28f6a3c3 de.myview.objectmodel.impl.BlockImpl@614a0b6a de.myview.objectmodel.impl.BlockImpl@5fe1d589 de.myview.objectmodel.impl.BlockImpl@1e673fcc de.myview.objectmodel.impl.BlockImpl@3926f78 de.myview.objectmodel.impl.BlockImpl@3232253b de.myview.objectmodel.impl.BlockImpl@632ee369 de.myview.objectmodel.impl.BlockImpl@4490399f de.myview.objectmodel.impl.BlockImpl@54e967da de.myview.objectmodel.impl.BlockImpl@77d18b81 de.myview.objectmodel.impl.BlockImpl@63701bb9 de.myview.objectmodel.impl.BlockImpl@26699a89
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

**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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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**Approval/Certificate/Document of Con-  
formity[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[Zuken E3.S](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1208600000\\_HDC\\_16B\\_ABU\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)[FL FIELDWIRING EN](#)

**Data sheet**

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**Drawings**

