

**HDC 16B ABU N****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 lower side, Standard
Order No.	<a href="#">2488590000</a>
Type	HDC 16B ABU N
GTIN (EAN)	4050118541526
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Height	29 mm	Height (inches)	1.142 inch
Width	57 mm	Width (inches)	2.244 inch
Mounting dimension - height	32 mm	Mounting dimension - width	103 mm
Net weight	122 g		

## Temperatures

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

Height of housing B	29 mm
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## General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Polyamide, 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
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
ECLASS 14.0	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

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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
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@5ea357ba de.myview.objectmodel.impl.BlockImpl@717e51dd de.myview.objectmodel.impl.BlockImpl@53d8becc de.myview.objectmodel.impl.BlockImpl@7b941285 de.myview.objectmodel.impl.BlockImpl@3fce84ca de.myview.objectmodel.impl.BlockImpl@3cbdca57 de.myview.objectmodel.impl.BlockImpl@2a052dd2 de.myview.objectmodel.impl.BlockImpl@71de122d de.myview.objectmodel.impl.BlockImpl@3a7d3008 de.myview.objectmodel.impl.BlockImpl@68c0ba62 de.myview.objectmodel.impl.BlockImpl@6ba87115 de.myview.objectmodel.impl.BlockImpl@6ae65937 de.myview.objectmodel.impl.BlockImpl@3948c913
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	
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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

## Downloads

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>
Technical Documentation	<a href="#">Customer drawing</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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Catalogue status 28.09.2024 / We reserve the right to make technical changes.

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Moulded gasket seals**

We offer a variety of accessories, including seals, to accompany the housings.

Because of the excellent sealing, you can achieve the best seal possible with our housings.

Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres. This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

**General ordering data**

Type	HDC DG 16B	Version
Order No.	<a href="#">1044630000</a>	Accessories, Moulded gasket seal
GTIN (EAN)	4032248777075	
Qty.	5 pc(s).	

**Cover**

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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**General ordering data**

Type	HDC 16B DODQ 4B0	Version
Order No.	<a href="#">1665260000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190421960	
Qty.	1 pc(s).	

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

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**General ordering data**

Type	HDC FLDG 16B	Version
Order No.	<a href="#">1044530000</a>	Accessories, flat gasket
GTIN (EAN)	4032248776979	
Qty.	5 pc(s).	

**Spare clip**

In addition to heavy-duty connectors, RockStar® includes the appropriate accessories for effective, functional and safe system cabling; e.g. coding systems, shield clamps, cover plates and replacement seals

**General ordering data**

Type	HDC LL 10B N	Version
Order No.	<a href="#">2535150000</a>	Heavy-duty connectors, Accessories, Locking lever
GTIN (EAN)	4050118562057	
Qty.	10 pc(s).	