

## HDC 48B ADLU

**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: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover
Order No.	<a href="#">1222900000</a>
Type	HDC 48B ADLU
GTIN (EAN)	4008190138004
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	167.7 mm	Depth (inches)	6.602 inch
Height	62 mm	Height (inches)	2.441 inch
Width	166 mm	Width (inches)	6.535 inch
Mounting dimension - height	70 mm	Mounting dimension - width	148 mm
Net weight	759 g		

## Temperatures

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

Height of base B1	7 mm	Height of housing B	62 mm
Hole pitch length A2	148 mm	Total length housing	132 mm
Width base C1	96.7 mm	Width housing C	90 mm

## General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	1.2 Nm		

## Version

BG	12	Clamp version	End-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	End-locking clamp, lower side
Sealing	NBR	Size	12
Suitable for ModuPlug®	Yes	Tightening torque	1.2 Nm
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

Creation date November 26, 2024 12:39:53 PM CET

Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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**Technical data**

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

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl
REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@5c465c47 de.myview.objectmodel.impl.BlockImpl@5fdbb7a8 de.myview.objectmodel.impl.BlockImpl@50f8e9d7 de.myview.objectmodel.impl.BlockImpl@7a9262c8 de.myview.objectmodel.impl.BlockImpl@1458bdb9 de.myview.objectmodel.impl.BlockImpl@16bc3e6d de.myview.objectmodel.impl.BlockImpl@11ddb3c de.myview.objectmodel.impl.BlockImpl@68f07df5 de.myview.objectmodel.impl.BlockImpl@3914b027 de.myview.objectmodel.impl.BlockImpl@4eacae3e de.myview.objectmodel.impl.BlockImpl@218748ec de.myview.objectmodel.impl.BlockImpl@4a7386fc de.myview.objectmodel.impl.BlockImpl@567a821d

**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

[1222900000 HDC 48B ADLU STP Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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