

**HDC 07A ALU BLK****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: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	<a href="#">2088980000</a>
Type	HDC 07A ALU BLK
GTIN (EAN)	4050118420876
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	60.5 mm	Depth (inches)	2.382 inch
Height	47.3 mm	Height (inches)	1.862 inch
Width	36.5 mm	Width (inches)	1.437 inch
Mounting dimension - width	30 mm	Net weight	18 g

## Temperatures

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

Height of base B1	3 mm	Height of housing B	23 mm
Hole pitch length A2	30 mm	Total length housing	25.2 mm
Width base C1	30 mm	Width housing C	24.2 mm

## General data

EMC housings	No	Housing main material	Plastic
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Tightening torque	0.5 Nm	UL 94 flammability rating	V-0

## Version

BG	1	Clamp version	Side-locking clamp
Colour (RAL)	RAL 9011	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side
Sealing	NBR	Size	1
Suitable for ModuPlug®	No	Tightening torque	0.5 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

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

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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	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@263c6d7a de.myview.objectmodel.impl.BlockImpl@4dcc9725 de.myview.objectmodel.impl.BlockImpl@74e03b8d de.myview.objectmodel.impl.BlockImpl@2546da7 de.myview.objectmodel.impl.BlockImpl@47c6972a de.myview.objectmodel.impl.BlockImpl@6e1a5548 de.myview.objectmodel.impl.BlockImpl@1bd32755 de.myview.objectmodel.impl.BlockImpl@3acb48dd de.myview.objectmodel.impl.BlockImpl@49c7f769 de.myview.objectmodel.impl.BlockImpl@754b5b0c de.myview.objectmodel.impl.BlockImpl@7720337f de.myview.objectmodel.impl.BlockImpl@17cd00e6 de.myview.objectmodel.impl.BlockImpl@61c7d1c9

## 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
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## 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>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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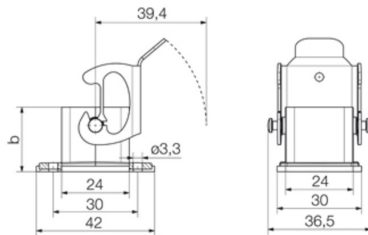
Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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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 07A DODL 2B0	Version
Order No.	<a href="#">1665760000</a>	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190422783	
Qty.	1 pc(s).	
Type	HDC 07A DMDL 2B0	Version
Order No.	<a href="#">1665770000</a>	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190422790	
Qty.	1 pc(s).	