

HDC 07A AWLU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	1652420000
Type	HDC 07A AWLU
GTIN (EAN)	4008190402471
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	66 mm	Depth (inches)	2.598 inch
Height	53 mm	Height (inches)	2.087 inch
Width	37 mm	Width (inches)	1.457 inch
Mounting dimension - width	30 mm	Net weight	20.24 g

Temperatures

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

Cable entry	angled	Height of base B1	3 mm
Height of housing B	27 mm	Hole pitch length A2	30 mm
Total length housing	42 mm	Width base C1	42 mm
Width housing C	24 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	Cable entry	angled
Clamp version	Side-locking clamp	Colour (RAL)	RAL 1001
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
ETIM 10.0	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
ECLASS 15.0	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

Creation date May 11, 2025 6:55:41 PM CEST

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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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@7450250f de.myview.objectmodel.impl.BlockImpl@3930bcd2 de.myview.objectmodel.impl.BlockImpl@38ef4b88 de.myview.objectmodel.impl.BlockImpl@1f227184 de.myview.objectmodel.impl.BlockImpl@6a2f4732 de.myview.objectmodel.impl.BlockImpl@56c5a089 de.myview.objectmodel.impl.BlockImpl@14b402d2 de.myview.objectmodel.impl.BlockImpl@1896ff91 de.myview.objectmodel.impl.BlockImpl@8102d66 de.myview.objectmodel.impl.BlockImpl@732a0505 de.myview.objectmodel.impl.BlockImpl@473c2b20 de.myview.objectmodel.impl.BlockImpl@68793e21 de.myview.objectmodel.impl.BlockImpl@618b5555

Important note

Product information	When mounting the housings, make sure that the flat gasket is correctly seated.
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Approvals

Approvals	
Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
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

[1652420000 HDC_07A_AWLU_STP_Blatt__1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

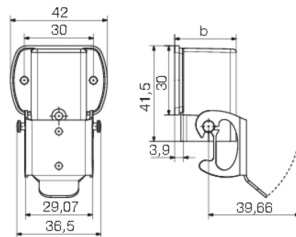
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Drawings



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Accessories

Cover



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General ordering data

Type	HDC 07A DODL 2B0	Version
Order No.	1665760000	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.	1665770000	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).	