

HDC 04A ALU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	1497600000
Type	HDC 04A ALU
GTIN (EAN)	4008190136406
Qty.	1 pc(s).

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Technical data

Dimensions and weights

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	25 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	25.2 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	Tightening torque	0.5 Nm

Version

BG	1	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	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
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

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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
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@7f332ccc de.myview.objectmodel.impl.BlockImpl@2133fe6e de.myview.objectmodel.impl.BlockImpl@3e6f1c0 de.myview.objectmodel.impl.BlockImpl@13a74148 de.myview.objectmodel.impl.BlockImpl@75944abc de.myview.objectmodel.impl.BlockImpl@4bea1aee de.myview.objectmodel.impl.BlockImpl@7fb68aa2 de.myview.objectmodel.impl.BlockImpl@56b2291d de.myview.objectmodel.impl.BlockImpl@12458dd de.myview.objectmodel.impl.BlockImpl@1a021f7d de.myview.objectmodel.impl.BlockImpl@512a7505 de.myview.objectmodel.impl.BlockImpl@169744fc de.myview.objectmodel.impl.BlockImpl@35d61443
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**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

[1497600000_HDC_04A_ALU_STP_Blatt__1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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