

HDC 48A 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: 9, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard
Order No.	1666740000
Type	HDC 48A ALU
GTIN (EAN)	4008190423858
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	38 mm	Height (inches)	1.496 inch
Width	120 mm	Width (inches)	4.724 inch
Mounting dimension - height	65 mm	Mounting dimension - width	110 mm
Net weight	256 g		

Temperatures

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

Height of base B1	7 mm	Height of housing B	40 mm
Hole pitch length A2	110 mm	Total length housing	94 mm
Width base C1	89 mm	Width housing C	82.5 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	2 Nm

Version

BG	9	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Cover	without cover
Design	Standard	Design of housing	Bulkhead housing
Design of locking system	End-locking clamp, lower side	Sealing	NBR
Size	9	Suitable for ModuPlug®	No
Tightening torque	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	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

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

Creation date March 2, 2023 10:11:55 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

2

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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 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@6e8aa988 de.myview.objectmodel.impl.BlockImpl@418cc4c9 de.myview.objectmodel.impl.BlockImpl@ef7cba7 de.myview.objectmodel.impl.BlockImpl@746dfe2b de.myview.objectmodel.impl.BlockImpl@4f90dfc7 de.myview.objectmodel.impl.BlockImpl@681df070 de.myview.objectmodel.impl.BlockImpl@5887a427 de.myview.objectmodel.impl.BlockImpl@430095ba de.myview.objectmodel.impl.BlockImpl@aa714fa de.myview.objectmodel.impl.BlockImpl@dbeebae de.myview.objectmodel.impl.BlockImpl@687dd0a2 de.myview.objectmodel.impl.BlockImpl@2f973552 de.myview.objectmodel.impl.BlockImpl@1d25f49e

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 Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1666740000_HDC_48A_ALU_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Data sheet

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Drawings

