

HDC 48B 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: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, without cover
Order No.	1295600000
Type	HDC 48B ALU
GTIN (EAN)	4050118092066
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	167.7 mm	Depth (inches)	6.602 inch
Height	41.5 mm	Height (inches)	1.634 inch
Width	96.7 mm	Width (inches)	3.807 inch
Net weight	506.6 g		

Temperatures

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

Height of base B1	7 mm	Height of housing B	41.5 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	without cover
Design	Standard	Design of cover	without 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	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

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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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

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@1027f388 de.myview.objectmodel.impl.BlockImpl@4bbbec28 de.myview.objectmodel.impl.BlockImpl@3bee14a0 de.myview.objectmodel.impl.BlockImpl@5b7348a0 de.myview.objectmodel.impl.BlockImpl@74e74bf5 de.myview.objectmodel.impl.BlockImpl@60a933ed de.myview.objectmodel.impl.BlockImpl@2b29704c de.myview.objectmodel.impl.BlockImpl@6ade0bc1 de.myview.objectmodel.impl.BlockImpl@24284d8c de.myview.objectmodel.impl.BlockImpl@db734bf de.myview.objectmodel.impl.BlockImpl@6d7c8e55 de.myview.objectmodel.impl.BlockImpl@77e60038 de.myview.objectmodel.impl.BlockImpl@11446765

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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Data sheet**HDC 48B ALU**

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Technical data**Downloads**

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN
